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**FY 2001-2004**  
**Transportation Improvement Program**  
**Pennsylvania Subregion**

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**Delaware Valley Regional Planning Commission**

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**FY 2001-2004**  
**Transportation Improvement Program**  
**Pennsylvania Subregion**

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**Highway Projects**



**Delaware Valley Regional Planning Commission**

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 0508 I-95/PA Turnpike Interchange

MPMS# 13347 PA Tpk. Interchange 28 to US 130 (NJ),

and portions of I-95

AQ Code 2015/20 Bristol Twp.

New full interchange, related widening, and new toll plazas.

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 is scheduled for mid-2000 and a Record of Decision is anticipated by mid-2001. Until that time, final decisions can not be made for the right-of-way and construction phases, nor will firm cost estimates be available until the completion of the final design.

Though the total project cost has not yet been determined, recent estimates 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 \$227 million in Federal Aid Interstate construction funds are reserved for the project. Remaining funds will be provided by the PA Turnpike Commission and through other State and Federal sources.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	FAI	3,300				
PE	TNPK	400				
PE	FAI		5,000			
PE	TNPK		500			
DES	FAI			11,700		
DES	TNPK			1,300		
DES	FAI				1,800	
DES	TNPK				200	
PE	FAI					7,740
PE	TNPK					860
DES	FAI					18,720
DES	TNPK					2,080
ROW	FAI					81,000
ROW	TNPK					9,000
CON	FAI					306,900
CON	TNPK					34,100
Fiscal Year Total		3,700	5,500	13,000	2,000	460,400
			Total FY 01-04 Cost		24,200	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5020** **PA 413, NEW RODGERS ROAD**  
**MPMS# 12871** US 13 (BRISTOL PIKE) - NORTH OF FORD RD.  
061C025 WIDEN TO 4 LANES  
AQ Code T2005M 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 Rd.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	DEMO*	1,013			
CON	HWY		500		
CON	HWY*		11,845		
CON	STATE		3,087		
ROW	HWY		163		

Fiscal Year Total 1,013 15,595 0 0 0

Total FY 01-04 Cost 16,608

**TIP# 5312** **WALNUT STREET (BRIDGE #13)**  
**MPMS# 13248** OVER PERKIOMEN CREEK  
061L010 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 affects of another project around the corner.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	BR	1,440			
CON	LOCAL	90			
CON	STATE	270			

Fiscal Year Total 1,800 0 0 0 0

Total FY 01-04 Cost 1,800

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5354A** **US 202 EXPRESSWAY (SEC 700) Env & ITS**

**MPMS# 13484** US 202 BYPASS TO PA 63

061C071

AQ Code X Doylestown, Warrington, Montgomery Twps.

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 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.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ENG	HWY		5,958			
ENG	STATE		1,490			
CON	CMAQ				1,000	
CON	CMAQ					8,000
Fiscal Year Total		0	7,448	0	1,000	8,000
		Total FY 01-04 Cost		8,448		

**TIP# 5355** **US 202 EXPRESSWAY (SECTION 711)**

**MPMS# 47396** PA 463 TO PICKERTOWN RD.

064698401

PHASE 1, FOUR LANE DIVIDED RELOCATION

AQ Code 2015/20 Montgomery Twp., Warrington 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 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	HWY	6,400				
ROW	STATE	1,600				
DES	HWY		1,680			
DES	STATE		420			
CON	HWY					48,000
CON	STATE					12,000
Fiscal Year Total		8,000	2,100	0	0	60,000
		Total FY 01-04 Cost		10,100		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5356** **US 202 EXPRESSWAY (SECTION 721)**  
**MPMS# 47395** PICKERTOWN RD. TO PA 611 BYPASS  
060998400 PHASE I, FOUR LANE DIVIDED RELOCATION  
AQ Code 2015/20 Doylestown Boro.

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 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	HWY	2,240				
DES	STATE	560				
ROW	HWY			4,000		
ROW	STATE			1,000		
CON	HWY					42,000
CON	STATE					10,500
Fiscal Year Total		2,800	0	5,000	0	52,500
		Total FY 01-04 Cost		7,800		

**TIP# 5405** **Broad St.**  
**MPMS# 13451** at PA 611 Ramps  
061S001L 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 2001	FY 2002	FY 2003	FY 2004	
CON	DEMO*	301				
CON	STAT*	75				
CON	DEMO*		318			
CON	STAT*		80			
CON	DEMO*			302		
CON	STAT*			75		
Fiscal Year Total		376	398	377	0	0
		Total FY 01-04 Cost		1,151		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5493** **GEIGEL HILL ROAD**

**MPMS# 13167** OVER TINICUM CREEK

061C016 BRIDGE REPLACEMENT

AQ Code X Tinicum Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE	125				
ENG	STATE		200			
CON	STATE					1,000
Fiscal Year Total		125	200	0	0	1,000
		Total FY 01-04 Cost		325		

**TIP# 5528** **POINT PLEASANT PIKE**

**MPMS# 13245** OVER PENNSYLVANIA CANAL

061C080 BRIDGE REPLACEMENT

AQ Code X Tinicum 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE	150				
CON	STATE					900
Fiscal Year Total		150	0	0	0	900
		Total FY 01-04 Cost		150		

**TIP# 5529** **ALLENTOWN ROAD**

**MPMS# 13237** OVER UNAMI CREEK

061C075 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
UTIL	STATE		45			
CON	STATE			1,300		
Fiscal Year Total		0	45	1,300	0	0
		Total FY 01-04 Cost		1,345		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5533** **PA 332, RICHBORO ROAD**  
**MPMS# 13357** OVER NESHAMINY CREEK  
061C200 BRIDGE REPLACEMENT  
AQ Code X Newtown Twp., Northampton Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	80				
ROW	STATE	20				
DES	BR		240			
DES	STATE		60			
CON	BR					3,360
CON	STATE					840
Fiscal Year Total		100	300	0	0	4,200
			Total FY 01-04 Cost		400	

**TIP# 5536** **PA 611, EASTON ROAD**  
**MPMS# 13337** 2 BRIDGES OVER GALLOWS RUN  
061C074 BRIDGE REHABILITATION & BRIDGE REMOVAL  
AQ Code X Nockamixon Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE		250			
CON	STATE				1,500	
Fiscal Year Total		0	250	0	1,500	0
			Total FY 01-04 Cost		1,750	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5560** **CALLOWHILL ROAD**  
**MPMS# 12942** OVER NORTH BRANCH OF NESHAMINY CREEK  
061C083 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	40				
ROW	STATE	10				
CON	BR			960		
CON	STATE			240		
Fiscal Year Total		50	0	1,200	0	0
		Total FY 01-04 Cost		1,250		

**TIP# 5582** **WOODBOURNE ROAD**  
**MPMS# 13452** AT LANGHORNE-YARDLEY ROAD  
061S002L INTERSECTION IMPROVEMENTS, TURN LANES  
AQ Code X Middletown Twp.

Add left turn lanes on all approaches.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE	75				
ROW	STU	225				
CON	STATE			200		
CON	STU			800		
Fiscal Year Total		300	0	1,000	0	0
		Total FY 01-04 Cost		1,300		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5588** **OLD BETHLEHEM ROAD**  
**MPMS# 13240** OVER KIMPLES CREEK  
061C076 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	80				
DES	STATE	20				
PE	BR	80				
PE	STATE	20				
ROW	BR	80				
ROW	STATE	20				
CON	BR		831			
CON	STATE		208			
PE	BR		176			
PE	STATE		44			
Fiscal Year Total		300	1,259	0	0	0
		Total FY 01-04 Cost		1,559		

**TIP# 5603** **PA 32, RIVER ROAD**  
**MPMS# 13438** OVER PAUNNACUSSING CREEK  
061C078 BRIDGE REPLACEMENT  
AQ Code X Solebury Twp.

Replace the existing one lane, 15' wide bridge. The new structure will be two lanes with shoulders (26' wide). The bridge and approach roadway will also be realigned to improve the intersection with Fleecydale Rd., located 50' north of the bridge.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR	80				
CON	BR	800				
CON	STATE	20				
CON	STATE	200				
ROW	BR	40				
ROW	STATE	10				
Fiscal Year Total		1,150	0	0	0	0
		Total FY 01-04 Cost		1,150		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5615 STONY HILL ROAD**  
**MPMS# 13501** HEACOCK RD. TO OXFORD VALLEY RD  
061M042A 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	LOCAL		130			
ROW	STU		520			
CON	STATE					500
CON	STU					2,000
Fiscal Year Total		0	650	0	0	2,500
		Total FY 01-04 Cost		650		

**TIP# 5645 PA 132, STREET ROAD**  
**MPMS# 13612** PA 611 (EASTON RD.)-PA 263 (OLD YORK RD)  
061S228M SIGNAL IMPROVEMENTS AND TURN LANE  
AQ Code TY1996 Warrington Twp., Warminster Twp.

This project is an advance construction conversion.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
UTIL	HWY*	63				
Fiscal Year Total		63	0	0	0	0
		Total FY 01-04 Cost		63		

**TIP# 5646 US 202**  
**MPMS# 13609** US 202 BYPASS TO PA 313 (SWAMP ROAD)  
061S201S CONSTRUCT LEFT TURN LANE  
AQ Code 2002M 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 Rd. to accommodate a center left turn lane.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ENG	HWY		93			
ENG	STATE		23			
CON	HWY			3,763		
CON	STATE			941		
Fiscal Year Total		0	116	4,704	0	0
		Total FY 01-04 Cost		4,820		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5647** **PA 263, OLD YORK ROAD**  
**MPMS# 13613** AT ALMSHOUSE ROAD  
061S233S INTERSECTION IMPROVEMENT  
AQ Code X Warwick Twp.

Reconstruct the shoulders and widen to accommodate left turn lanes on all approaches.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	HWY*	1,736				
CON	SFTY	455				
CON	STAT*	193				
CON	STATE	51				
CON	HWY		55			
CON	STATE		495			
CON	STU		330			
Fiscal Year Total		<b>2,435</b>	<b>880</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>3,315</b>		

**TIP# 5650** **PA 332, JACKSONVILLE ROAD**  
**MPMS# 13578** AT PA 132, STREET ROAD  
061S244F INTERSECTION AND SIGNAL IMPROVEMENTS  
AQ Code X Warminster Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	HWY		32			
ENG	STATE		8			
ROW	HWY		401			
ROW	STATE		100			
CON	STATE			348		
CON	STU			1,392		
Fiscal Year Total		<b>0</b>	<b>541</b>	<b>1,740</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>2,281</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5651** **PA 413, NEW RODGERS ROAD**  
**MPMS# 13576** OLD LINCOLN HIGHWAY TO BATH RD.  
061S246M CORRIDOR IMPROVEMENT  
AQ Code 2005M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	HWY	120				
ROW	STATE	30				
CON	HWY					5,824
CON	STATE					1,456
Fiscal Year Total		150	0	0	0	7,280
		Total FY 01-04 Cost				150

**TIP# 5652** **PA 413/PA 532, NEWTOWN BYPASS**  
**MPMS# 13584** SWAMP ROAD TO OLD PA 413  
061S240M CLOSED LOOP SIGNAL IMP, INTERCONNECTIONS  
AQ Code T2005O Newtown Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	760				
UTIL	CMAQ		40			
Fiscal Year Total		760	40	0	0	0
		Total FY 01-04 Cost				800

**TIP# 5653** **PA 413, NEWTOWN PIKE**  
**MPMS# 13596** PA 332 (NEWTOWN BYPASS) - WINCHESTER AV.  
061M013A RESTORATION  
AQ Code X Middletown Twp., Langhorne Boro.

This project includes drainage improvements, overlay, and minor widening (about 1') of the shoulders.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
UTIL	ST187		50			
CON	ST187				360	
CON	STU				1,440	
Fiscal Year Total		0	50	0	1,800	0
		Total FY 01-04 Cost				1,850

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5663 PA 413/PA 532, NEWTOWN BYPASS**

**MPMS# 13637** AT 332 (RICHBORO RD) AND 532 (BUCK ROAD)

061L820 2 INTERSECTION IMP. DUAL LEFT TRN. LANES

AQ Code X Newtown Twp.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	STATE			500		
CON	STU			2,000		
Fiscal Year Total		0	0	2,500	0	0
		Total FY 01-04 Cost		2,500		

**TIP# 5669 I-95, DELAWARE EXPRESSWAY**

**MPMS# 13518** AT PA 332 (NEWTOWN YARDLEY RD.) - INTER-

061C030 CHANGE UPGRADE(TRENTON URBAN AREA FUNDS)

AQ Code X Lower Makefield Twp.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ENG	STATE	60				
ENG	STU	240				
ENG	STATE		12			
ENG	STU		50			
ROW	DEMO			276		
ROW	STATE			69		
CON	DEMO				1,224	
CON	STATE				832	
CON	STU				2,105	
Fiscal Year Total		300	62	345	4,161	0
		Total FY 01-04 Cost		4,868		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5673 FOREST GROVE ROAD**

**MPMS# 13064** OVER MILL CREEK

061C201 BRIDGE REPLACEMENT

AQ Code X Buckingham Twp.

Replace the existing two lane, 18' wide bridge with a 24' wide bridge with two 10' lanes and 2' shoulders.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	STATE	1,000			

Fiscal Year Total 1,000 0 0 0 0

Total FY 01-04 Cost 1,000

**TIP# 5675 BRISTOL ROAD INTERSECTION IMPROVEMENTS**

**MPMS# 13727** PA 513(HULMEVILLE RD) TO OLD LINCOLN HWY

061S0004 SIGNALIZE & ADD TURN LANES AT 7 INTER.

AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004
CON	STATE			450	
CON	STU			1,800	

Fiscal Year Total 0 0 2,250 0 0

Total FY 01-04 Cost 2,250

**TIP# 5677 OXFORD VALLEY ROAD (C082)**

**MPMS# 13743** BUSINESS ROUTE 1 TO BIG OAK RD.

CLOSED LOOP SIGNAL SYSTEM

AQ Code 2005M Lower Makefield Twp., Falls Twp.

Install a closed-loop signal system for nine intersections on Oxford Valley Rd. between Business Route 1 and Big Oak Rd., a distance of about 1.3 miles.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	CMAQ		105		
CON	LOCAL		26		

Fiscal Year Total 0 131 0 0 0

Total FY 01-04 Cost 131

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5684 US 1

MPMS# 13549 PA 413 - PA Turnpike

061C103 Bridge Deck Rehabilitation

AQ Code X Bensalem Twp., Middletown Twp.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	STATE	660				
DES	STU	2,640				
DES	STATE		10			
DES	STU		40			
ROW	STATE			40		
ROW	STU			160		
CON	STATE					1,900
CON	STU					7,600
Fiscal Year Total		3,300	50	200	0	9,500
		Total FY 01-04 Cost		3,550		

TIP# 5685 NEW FALLS ROAD

MPMS# 13555 OVER NESHAMINY CREEK

061C102 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	BR	1,840				
CON	STATE	460				
Fiscal Year Total		2,300	0	0	0	0
		Total FY 01-04 Cost		2,300		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5692** **DARK HOLLOW ROAD/TOHICKN CREEK**

**MPMS# 12959** AT STOVER PARK

061C065 BRIDGE REPLACEMENT

AQ Code X Bedminster Twp.

Replace the existing bridge with a 28' wide bridge.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	STATE	200				
CON	STATE				1,200	
Fiscal Year Total		200	0	0	1,200	0
		Total FY 01-04 Cost			1,400	

**TIP# 5699** **US 13, BRISTOL PIKE**

**MPMS# 13745** PA TURNPIKE TO BUCKS COUNTY LINE

061M5406 ARTERIAL IMP. ASSOCIATED W/ I-95

AQ Code 2002M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	1,960				
Fiscal Year Total		1,960	0	0	0	0
		Total FY 01-04 Cost			1,960	

**TIP# 5700** **DARK HOLLOW ROAD**

**MPMS# 12982** OVER NESHAMINY CREEK

061C085 BRIDGE REPLACEMENT (PEDESTRIAN BRIDGE)

AQ Code X Buckingham Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE	200				
ENG	STATE	200				
DES	STATE		81			
ENG	STATE		80			
ROW	STATE		30			
CON	STATE				815	
Fiscal Year Total		400	191	0	815	0
		Total FY 01-04 Cost			1,406	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5701 STONEY BRIDGE ROAD**

**MPMS# 13249** OVER DEEP RUN

061L063 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 2001	FY 2002	FY 2003	FY 2004
ROW	BR	56			
ROW	LOCAL	3			
ROW	STATE	11			
CON	BR			334	
CON	LOCAL			21	
CON	STATE			63	

Fiscal Year Total 70 0 418 0 0

Total FY 01-04 Cost 488

**TIP# 5702 PICKERTOWN ROAD**

**MPMS# 13671** OVER MILL CREEK

061L064 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 2001	FY 2002	FY 2003	FY 2004
ROW	LOCAL	10			
ROW	STATE	40			
CON	LOCAL			83	
CON	STATE			332	

Fiscal Year Total 50 0 415 0 0

Total FY 01-04 Cost 465

**TIP# 5708 Old York Rd. (north of Creek Rd.)**

**MPMS# 13371** over Little Neshaminy Creek

Bridge Replacement

AQ Code X Warwick Twp.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	STATE	280			

Fiscal Year Total 280 0 0 0 0

Total FY 01-04 Cost 280

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5709** *Church Hill Rd.*

**MPMS# 13685** over Branch of Gallows Run

Bridge Rehabilitation

AQ Code X Nockamixon Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE		50			
CON	STATE				750	
Fiscal Year Total		0	50	0	750	0
		Total FY 01-04 Cost			800	

**TIP# 5710** *Hulmeville Ave.*

**MPMS# 13606** over Conrail

Bridge Replacement

AQ Code X Middletown Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR		280			
DES	STATE		70			
CON	BR			3,200		
CON	STATE			800		
ROW	BR				640	
ROW	STATE				160	
Fiscal Year Total		0	350	4,000	800	0
		Total FY 01-04 Cost			5,150	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5711** *Allentown Rd. and PA 663*

**MPMS# 13440** over Licking Creek

Bridge Replacement (2 bridges)

AQ Code X Milford Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	BR		800			
PE	STATE		200			
ROW	STATE				100	
CON	BR					3,600
CON	STATE					900
Fiscal Year Total		0	1,000	0	100	4,500
		Total FY 01-04 Cost			1,100	

**TIP# 5713** *US 13, Bristol Pike*

**MPMS# 13760** Levittown Pkwy. - Yardley-Morrisville Rd

061M4003 Preventive Maintenance

AQ Code X Falls Twp.

This project consists of restoration (3R) of the pavement and shoulder.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	ST187		4,500			
Fiscal Year Total		0	4,500	0	0	0
		Total FY 01-04 Cost			4,500	

**TIP# 5714** *Easton Rd.*

**MPMS# 13552** over Deep Run Creek

Bridge Deck Rehabilitation (3 bridges)

AQ Code X Bedminster Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE		250			
CON	BR					4,960
CON	STATE					1,240
Fiscal Year Total		0	250	0	0	6,200
		Total FY 01-04 Cost			250	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5715** *Oxford Valley Rd.*

**MPMS# 13635** at US 1 Bus./Lincoln Hwy/Levittown Pky.

061S599S Intersection Improvement

AQ Code X Falls Twp., Middletown Twp.

Intersection improvements, including the addition of turn lanes and the realignment of Levittown Parkway.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE	409				
ROW	STU	1,636				
UTIL	STATE		11			
UTIL	STU		44			
CON	STATE			851		
CON	STU			3,405		
Fiscal Year Total		<b>2,045</b>	<b>55</b>	<b>4,256</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>6,356</b>		

**TIP# 5716** *Oxford Valley Rd.*

**MPMS# 13454** at US 1 Ramps

88403 Interchange Improvements

AQ Code X Falls Twp., Middletown Twp., Lower Makefield Twp.

This project includes the addition of turn lanes and other safety improvements.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	DEMO*	270				
CON	STAT*	68				
CON	DEMO*		285			
CON	STAT*		71			
CON	DEMO*			285		
CON	STAT*			71		
Fiscal Year Total		<b>338</b>	<b>356</b>	<b>356</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>1,050</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5717** *Red Hill Rd.*

**MPMS# 13164** over Branch of Tinicum Creek

Bridge Replacement

AQ Code X Tinicum Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
PE	BR		160		
PE	STATE		40		
ROW	BR			40	
ROW	STATE			10	
CON	BR				240
CON	STATE				60

Fiscal Year Total 0 200 50 0 300

Total FY 01-04 Cost 250

**TIP# 5718** *Lehnenberg Rd.*

**MPMS# 13341** over Tributary of Delaware River

Bridge Replacements (2 bridges)

AQ Code X Durham Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
PE	BR	80			
PE	STATE	20			
ROW	BR		48		
ROW	STATE		12		
CON	BR			464	
CON	STATE			116	

Fiscal Year Total 100 60 580 0 0

Total FY 01-04 Cost 740

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5719** *Pineville Rd.*

**MPMS# 13242** over Pidcock Creek

Bridge Replacement

AQ Code X Buckingham Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	STATE		200		
ROW	STATE			50	
CON	STATE				600

Fiscal Year Total	0	200	50	600	0
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Total FY 01-04 Cost	850
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**TIP# 5720** *Taylorsville Rd.*

**MPMS# 13720** over Tributary of Delaware River

Bridge Replacement

AQ Code X Upper Makefield Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	STATE	200			
ROW	STATE			80	
CON	STATE				1,000

Fiscal Year Total	200	0	80	1,000	0
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Total FY 01-04 Cost	1,280
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**TIP# 5721** *River Rd.*

**MPMS# 13235** over Pennsylvania Canal

Bridge Replacement

AQ Code X Upper Makefield Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	STATE	200			
ROW	STATE			50	
CON	STATE				650

Fiscal Year Total	200	0	50	650	0
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Total FY 01-04 Cost	900
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5722** *Atkinson Rd.*

**MPMS# 13294** over Pidcock Creek

Bridge Replacement

AQ Code X Solebury Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	LOCAL		2		
ROW	STATE		8		
CON	LOCAL			98	
CON	STATE			392	

Fiscal Year Total	0	10	490	0	0
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Total FY 01-04 Cost	500
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**TIP# 5723** *Jugtown Hill Rd.*

**MPMS# 13661** over Pennsylvania Canal

Bridge Replacement

AQ Code X Tinicum Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	LOCAL		2		
ROW	STATE		8		
CON	LOCAL			98	
CON	STATE			392	

Fiscal Year Total	0	10	490	0	0
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Total FY 01-04 Cost	500
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**TIP# 5724** *Rickert Rd.*

**MPMS# 13296** over Morris Run Creek

Bridge Replacement

AQ Code X Hilltown Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	LOCAL	2			
ROW	STATE	8			
CON	LOCAL				98
CON	STATE				392

Fiscal Year Total	10	0	0	0	490
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Total FY 01-04 Cost	10
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5725 Oxford Valley Rd.

MPMS# 47974 Lincoln Highway - US 1

AQ Code 2015/20 Falls Twp.

This road is currently two lanes in each direction. Potential safety improvements include the addition of a center turn lane or turn lanes at intersections.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL		1,450			
ROW	LOCAL			200		
CON	STATE					1,290
CON	STU					5,160
Fiscal Year Total		0	1,450	200	0	6,450
		Total FY 01-04 Cost		1,650		

TIP# 5726 US 1, Business

MPMS# 47975 Hulmeville Rd. to Oxford Valley Rd.

Closed Loop Signal Interconnection

AQ Code 2005M Middletown Twp.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	CMAQ	80				
PE	LOCAL	20				
ROW	CMAQ	86				
ROW	LOCAL	22				
CON	CMAQ			281		
CON	LOCAL			70		
Fiscal Year Total		208	0	351	0	0
		Total FY 01-04 Cost		559		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5727** *Bridgeton Hill Rd.*

**MPMS# 13360** over Pennsylvania Canal

Bridge Replacement

AQ Code X Bridgeton Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	350				
ROW	STATE		80			
CON	STATE				1,200	
Fiscal Year Total		350	80	0	1,200	0
Total FY 01-04 Cost					1,630	

**TIP# 5728** *PA Turnpike*

**MPMS# 47131** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO	56				
DES	LOCAL	14				
ROW	DEMO			75		
ROW	LOCAL			19		
CON	DEMO				244	
CON	LOCAL				61	
Fiscal Year Total		70	0	94	305	0
Total FY 01-04 Cost					469	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5729 I-95

MPMS# 46948 at Street Rd. Interchange

061C700 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 2001	FY 2002	FY 2003	FY 2004	
PE	DEMO*	417				
PE	STAT*	104				
DES	DEMO*		350			
DES	STAT*		88			
DES	BR			1,800		
DES	STATE			475		
DES	STU			225		
ROW	STATE				150	
ROW	STU				1,350	
CON	BR					14,400
CON	STATE					3,800
CON	STU					1,800
Fiscal Year Total		521	438	2,500	1,500	20,000
			Total FY 01-04 Cost	4,959		

TIP# 5730 Lower Bucks Park and Ride Lots

MPMS# 13508 Woodbourne and Philmont

AQ Code 2005O Bensalem Twp., Yardley Boro., Middletown Twp.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	DEMO*	203				
CON	STAT*	51				
CON	DEMO*		214			
CON	STAT*		54			
CON	DEMO*			203		
CON	STAT*			51		
Fiscal Year Total		254	268	254	0	0
			Total FY 01-04 Cost	776		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5731 *Pond St.*

MPMS# 13754 over Delaware Canal

Bridge Replacement  
Bristol Twp.

AQ Code X

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	LOCAL	5			
ROW	STATE	20			
CON	LOCAL			138	
CON	STATE			552	

Fiscal Year Total	25	0	690	0	0
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Total FY 01-04 Cost	715
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TIP# 5732 *Bristol Road Extension*

MPMS# 12923 US 202 to Park Ave.

Two Lane Extension

AQ Code 2005M Chalfont Boro., New Britain Boro., New Britain Twp.

Provide a two lane extension of Bristol Rd. (approximately 2000 ft.) from US 202 to Park Ave. 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	STATE			100	
ROW	STATE			10	
CON	STATE				3,390

Fiscal Year Total	0	0	110	0	3,390
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Total FY 01-04 Cost	110
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5733 *Lawn Avenue*

MPMS# 12965 Maple Ave. 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	30				
DES	STU	120				
CON	STATE				280	
CON	STU				1,120	
Fiscal Year Total		150	0	0	1,400	0
		Total FY 01-04 Cost			1,550	

TIP# 5734 *Portzer Road Connector*

MPMS# 49315

AQ Code X Milford Twp., Quakertown Boro., Richland Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY		720			
DES	STATE		180			
ROW	STATE			500		
CON	STATE					6,000
Fiscal Year Total		0	900	500	0	6,000
		Total FY 01-04 Cost			1,400	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5736 Falls Township Community Connector

MPMS# 50517 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, Wheatshaf, 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 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL	213				
ERC	TE			850		
Fiscal Year Total		213	0	850	0	0
		Total FY 01-04 Cost		1,063		

TIP# 5738 Silver Lake Nature Center Trail System

MPMS# 57236

AQ Code X Bristol Twp.

This project will replace 636 feet of existing pressure treated wood boardwalks and install 764 feet of new boardwalks with recycled plastic products. The project also includes the development of trail entrances and signs to entice and educate visitors.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL	50				
ERC	RecTr			145		
Fiscal Year Total		50	0	145	0	0
		Total FY 01-04 Cost		195		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5739 Yellow Trail Equestrian/Pedestrian Trail

MPMS# 57238

AQ Code X Nockamixon Twp.

The Bucks County Horse Park, Inc., a Not-for-Profit Corporation, has an existing trail system of about 25 miles. This project involves resurfacing 6 miles of the 8 mile Yellow Trail, eight feet in width. It will be a multi-purpose trail, accomodating bicycling, walking, cross-country skiing, and horsback riding.

This project was selected by PA DCNR as part of its Recreational Trails program (outside of the DVRPC TIP development process) and is listed in the TIP because it uses federal transportation funding.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL	13				
ERC	RecTr			20		
Fiscal Year Total		13	0	20	0	0
		Total FY 01-04 Cost			33	

TIP# 5740 Yardley Borough/Lower Makefield Township

MPMS# 57324 Pedestrian Bikeway Interconnect Project

AQ Code X Yardley Boro., Lower Makefield Twp.

This project consists of road improvements for bicycle facilities on Newtown Yardley Road (PA 332).

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ	60				
DES	LOCAL	15				
ROW	CMAQ			64		
ROW	LOCAL			16		
CON	CMAQ				379	
CON	LOCAL				85	
Fiscal Year Total		75	0	80	464	0
		Total FY 01-04 Cost			619	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5741 Lower Makefield Township

MPMS# 57326 Pedestrian/Bikepath Facilities

AQ Code X Lower Makefield Twp.

This project consists of road improvements for bicycle facilities on Oxford Valley Rd., Edgewood Rd., and Yardley-Morrisville Rd.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ	132				
DES	LOCAL	33				
ROW	CMAQ			128		
ROW	LOCAL			32		
CON	CMAQ				1,040	
CON	LOCAL				260	
Fiscal Year Total		165	0	160	1,300	0
		Total FY 01-04 Cost		1,625		

TIP# 5743 Old Route 13 Improvement Project

MPMS# 61682

AQ Code X Bristol Boro.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	75				
PE	LOCAL	25				
ROW	LOCAL		50			
CON	TE				750	
Fiscal Year Total		100	50	0	750	0
		Total FY 01-04 Cost		900		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5744 Wycombe Train Station Restoration

MPMS# 61685

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	30				
ROW	LOCAL			10		
ROW	TE			40		
CON	LOCAL				12	
CON	TE				168	
Fiscal Year Total		30	0	50	180	0
Total FY 01-04 Cost					260	

TIP# 5745 Destination Doylestown

MPMS# 61686

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	85				
PE	LOCAL	15				
CON	TE			400		
Fiscal Year Total		100	0	400	0	0
Total FY 01-04 Cost					500	

TIP# 5746 Quakertown Train Station Restoration

MPMS# 61687

AQ Code X

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	149				
CON	TE			594		
Fiscal Year Total		149	0	594	0	0
Total FY 01-04 Cost					743	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5747 Woodbourne/Oxford Valley Mall

MPMS# 59298 Circulator Project (Q08)

AQ Code 2002O Middletown Twp.

Provide for the third party operation of a small bus circulator to provide access from the expanded Woodbourne station to retail, restaurant, hotel, and hospital employment areas which are not currently served by transit. Proposed schedule is Monday through Saturday from 6:30 a.m. to 10:30 p.m., operating on an hourly basis. (3-year demonstration project.)

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
OP	CMAQ	232				
OP	LOCAL	58				
Fiscal Year Total		290	0	0	0	0
Total FY 01-04 Cost					290	

TIP# 5748 Pleasant Spring Path (Q34)

MPMS# 58127

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	23				
ROW	LOCAL		11			
CON	CMAQ			141		
CON	LOCAL			49		
CON	RecTr			100		
Fiscal Year Total		23	11	290	0	0
Total FY 01-04 Cost					324	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5749** *Galloway Rd.*

**MPMS# 57617** Hulmeville Rd. to Bridgewater Rd.

Road Extension

AQ Code 2015/20 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	306				
PE	LOCAL	34				
ROW	LOCAL		350			
CON	STATE					1,765
Fiscal Year Total		<b>340</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>1,765</b>
		<b>Total FY 01-04 Cost</b>		<b>690</b>		

**TIP# 5750** *Route 313*

**MPMS# 57619** Ferry Rd. to Broad St.

Corridor Improvements

AQ Code 2015/20 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE		200			
DES	STATE			300		
ROW	STATE				600	
CON	STATE					2,065
Fiscal Year Total		<b>0</b>	<b>200</b>	<b>300</b>	<b>600</b>	<b>2,065</b>
		<b>Total FY 01-04 Cost</b>		<b>1,100</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5751** *Lincoln Highway*

**MPMS# 57620** Oxford Valley Rd. to Tyburn Rd.

Corridor Improvements

AQ Code 2015/20 Falls Twp.

Provide center left turn lane areas and/or median barriers, upgraded traffic signals, access management.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	300				
PE	LOCAL	150				
ROW	LOCAL			50		
CON	HWY					3,040
CON	STATE					760
Fiscal Year Total		450	0	50	0	3,800
		Total FY 01-04 Cost		500		

**TIP# 5752** *County Line Rd.*

**MPMS# 57623** US 202 to Upper State Rd.

Widening

AQ Code 2015/20 New Britain Twp., Montgomery Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE		200			
DES	STATE				300	
CON	STATE					2,900
Fiscal Year Total		0	200	0	300	2,900
		Total FY 01-04 Cost		500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5753 Woodbourne Rd. and Lincoln Highway

MPMS# 57624

AQ Code X Intersection Improvements  
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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	LOCAL	104				
DES	LOCAL		210			
ROW	STATE				450	
CON	FED					1,663
CON	STATE					415
Fiscal Year Total		104	210	0	450	2,078
		Total FY 01-04 Cost			764	

TIP# 5754 Route 232

MPMS# 57625 Neshaminy Creek to PECO Right-of-Way

AQ Code X Corridor Improvements  
Wrightstown Twp.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	STATE		150			
DES	STATE			200		
CON	STATE					1,600
ROW	STATE					525
Fiscal Year Total		0	150	200	0	2,125
		Total FY 01-04 Cost			350	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5755** *Trenton Rd.*

**MPMS# 57626** at Bristol-Oxford Rd.

AQ Code X Intersection Improvements  
Falls Twp., Middletown Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	45				
PE	LOCAL	21				
ROW	STATE			100		
CON	STATE					433
Fiscal Year Total		66	0	100	0	433
		Total FY 01-04 Cost		166		

**TIP# 5756** *East and West Pumping Station Rd.*

**MPMS# 57627** at California Rd.

AQ Code X Realignment  
Richland Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE		300			
CON	STATE					955
ROW	STATE					261
Fiscal Year Total		0	300	0	0	1,216
		Total FY 01-04 Cost		300		

**TIP# 5757** *Sycamore St.*

**MPMS# 57628** Newtown Bypass to Durham Rd.

AQ Code X Rehabilitation  
Newtown Twp.

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	80				
DES	LOCAL		120			
CON	HWY			2,400		
CON	LOCAL			600		
Fiscal Year Total		80	120	3,000	0	0
		Total FY 01-04 Cost		3,200		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5758** *County Line Rd.*

**MPMS# 57629** Bustleton Pike to Philmont Ave.

Extension

AQ Code 2015/20 Lower Southampton Twp., Philadelphia

Provide a new roadway from Bustleton Pike to Philmont Avenue.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	250				
DES	STATE		250			
CON	STATE			2,000		
ROW	STATE			250		
Fiscal Year Total		250	250	2,250	0	0
Total FY 01-04 Cost					2,750	

**TIP# 5759** *PA 263, York Rd. Center Turn Lane*

**MPMS# 12782** btw. County Line Rd. & Henry Ave. and

btw. Roberts Rd. & Bristol Rd.

AQ Code 2005M Warminster Twp.

Provide center left turn lane areas and/or median barriers.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	200				
PE	LOCAL	125				
CON	STATE				2,700	
Fiscal Year Total		325	0	0	2,700	0
Total FY 01-04 Cost					3,025	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5760 *Quakertown Joint Closed Loop*

MPMS# 57635 Signal System

AQ Code 2005M 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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	32				
PE	LOCAL	74				
ROW	LOCAL		108			
CON	HWY				967	
Fiscal Year Total		106	108	0	967	0
		Total FY 01-04 Cost			1,181	

TIP# 5761 *Pine Grove Rd.*

MPMS# 57637 at Yardley-Morrisville Rd.

AQ Code X Intersection Improvements  
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 2001	FY 2002	FY 2003	FY 2004	
PE	LOCAL	15				
DES	LOCAL		40			
ROW	LOCAL			100		
CON	HWY					420
CON	STATE					105
Fiscal Year Total		15	40	100	0	525
		Total FY 01-04 Cost			155	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5762**      **Route 313**

**MPMS# 57638**      Sawmill Rd. to East Court St.

Closed Loop Signal System

AQ Code 2005M      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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	136				
ROW	LOCAL		20			
CON	HWY				536	
Fiscal Year Total		136	20	0	536	0
		Total FY 01-04 Cost			692	

**TIP# 5763**      **Newtown-Yardley Rd.**

**MPMS# 57639**      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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	40				
PE	LOCAL	20				
ROW	LOCAL		40			
CON	HWY				352	
CON	LOCAL				88	
Fiscal Year Total		60	40	0	440	0
		Total FY 01-04 Cost			540	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5764** *County Line Rd.*

**MPMS# 57640** Delmont Ave. to Davisville Rd.

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	40				
PE	LOCAL	20				
ROW	LOCAL		12			
CON	HWY			288		
Fiscal Year Total		60	12	288	0	0
Total FY 01-04 Cost					360	

**TIP# 5765** *Bridgetown Pike*

**MPMS# 57641** Buck Rd. to Old Bristol Rd.

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	60				
CON	CMAQ			360		
CON	LOCAL			30		
Fiscal Year Total		60	0	390	0	0
Total FY 01-04 Cost					450	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5766 *Street Rd., Bristol Rd., York Rd., and*

MPMS# 57642 Jacksonville Rd.

Signal Upgrade and Closed Loop System

AQ Code 2005M 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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	80				
PE	LOCAL	40				
ROW	LOCAL		104			
CON	HWY				996	
Fiscal Year Total		120	104	0	996	0
Total FY 01-04 Cost					1,220	

TIP# 5767 *Bristol Rd. and Jacksonville Rd.*

MPMS# 57643

Corridor Improvements

AQ Code 2015/20 Various

Widening of roadways and intersection improvements to provide additional through lanes and auxiliary lanes, traffic signal installations and upgrades on Bristol Road, from York Road to Davisville Road and Jacksonville Road, from Bristol Road to County Line Road.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	LOCAL			900		
DES	LOCAL				1,800	
CON	HWY					14,400
CON	STATE					3,600
ROW	HWY					2,400
ROW	STATE					600
Fiscal Year Total		0	0	900	1,800	21,000
Total FY 01-04 Cost					2,700	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5768** *Deep Run Rd.*

**MPMS# 13444** over Deep Run Creek

Bridge Replacement

AQ Code X Bedminster Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	200				
DES	STATE			200		
ROW	STATE				60	
CON	STATE					1,500
Fiscal Year Total		200	0	200	60	1,500
Total FY 01-04 Cost					460	

**TIP# 5769** *Saw Mill Rd.*

**MPMS# 13723** over Kimples Creek

Bridge Replacement

AQ Code X Haycock Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	100				
DES	STATE		100			
CON	STATE				600	
ROW	STATE				40	
Fiscal Year Total		100	100	0	640	0
Total FY 01-04 Cost					840	

**TIP# 5770** *Keller's Church Rd.*

**MPMS# 13715** over Cabin Run

Bridge Replacement

AQ Code X Bedminster Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	100				
DES	STATE		150			
CON	STATE				500	
ROW	STATE				40	
Fiscal Year Total		100	150	0	540	0
Total FY 01-04 Cost					790	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

**TIP# 5771** *Otter Rd.*

**MPMS# 13702** over Otter Creek

AQ Code X Bridge Replacement  
Bristol Boro.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	200				
DES	STATE		300			
CON	STATE				900	
ROW	STATE				50	
Fiscal Year Total		200	300	0	950	0
		Total FY 01-04 Cost			1,450	

**TIP# 5772** *PA 152, Walnut St.*

**MPMS# 13441** over Branch of Pleasant Springs

AQ Code X Bridge Replacement  
Hilltown Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	150				
DES	STATE		300			
ROW	STATE				100	
CON	STATE					900
Fiscal Year Total		150	300	0	100	900
		Total FY 01-04 Cost			550	

**TIP# 5773** *Plumstead Township Trail*

**MPMS# 58128**

AQ Code X Plumstead Twp.

Initial phase of Township Trail Program, linking Plumstead Township with Bedminster Township.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ERC	LOCAL	58				
ERC	RecTr	44				
Fiscal Year Total		102	0	0	0	0
		Total FY 01-04 Cost			102	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Bucks

TIP# 5774 US 202

MPMS# 50728

AQ Code X Wetland Mitigation  
Chalfont Boro.

Wetland replacement associated with the US 202, Section 700 project.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	HWY	4,386				
ROW	STATE	1,097				
CON	HWY			5,280		
CON	STATE			1,320		
Fiscal Year Total		5,483	0	6,600	0	0
		Total FY 01-04 Cost		12,083		

TIP# 5775 Bridge St. Bridge

MPMS# 59496 over Pennsylvania Canal

AQ Code X Bridge Replacement  
New Hope Boro.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	100				
DES	STATE			100		
CON	STATE					700
ROW	STATE					50
Fiscal Year Total		100	0	100	0	750
		Total FY 01-04 Cost		200		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Bucks**

**TIP# 5776** *Kellers Church Rd. Bridge*

**MPMS# 12955** over Deep Run Creek

Bridge Replacement

AQ Code X Bedminster Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	BR	240				
PE	STATE	60				
DES	BR			160		
DES	STATE			40		
CON	BR					1,200
CON	STATE					300
ROW	BR					40
ROW	STATE					10
Fiscal Year Total		300	0	200	0	1,550
		Total FY 01-04 Cost		500		
Total for Bucks		47,718	48,998	66,817	34,554	696,217
		Total FY 01-04 Cost		198,087		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 0587** *Schuylkill River Trail (Q20)*  
**MPMS# 59434** Betzwood to Berks County line

AQ Code X

Design, right-of-way, and construction of a 19.2 mile trail corridor that will extend the Schuylkill River Trail beyond its current terminus at Betzwood, Valley Forge National Historical Park, to the Berks County border. The multi-use trail will be a paved, 12-foot wide surface with 4 foot grass shoulders on each side, located within PECO Energy corridors, railroad and utility rights-of-way, existing bridges, canal towpaths, and public and private open space.

Construction funding for the portion of the trail from Betzwood to Mont Clare is programmed in TIP #8703.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	CMAQ	731				
PE	LOCAL	183				
DES	CMAQ		551			
DES	LOCAL		138			
ROW	CMAQ		168			
ROW	LOCAL		42			
Fiscal Year Total		914	899	0	0	0
		Total FY 01-04 Cost		1,813		

**TIP# 6009** *EXTON BYPASS WEST*  
**MPMS# 13947** US 30 DOWNINGTOWN BYPASS TO PA 100  
062C804 FOUR LANE DIVIDED RELOCATION  
AQ Code East Caln Twp., West Whiteland Twp.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	HWY	9,200				
ROW	STATE	2,300				
ROW	HWY		1,126			
Fiscal Year Total		11,500	1,126	0	0	0
		Total FY 01-04 Cost		12,626		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6530 PA 352, CHESTER ROAD**

**MPMS# 14060 AT BOOT ROAD**

062L044 RESTORATION AND REALIGNMENT

AQ Code X East Goshen Twp.

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	STATE	80			
CON	STU	320			
ROW	STATE	27			
ROW	STU	108			
CON	STATE		7		
CON	STU		28		

Fiscal Year Total 535 35 0 0 0

Total FY 01-04 Cost 570

**TIP# 6579 STRASBURG ROAD**

**MPMS# 14203 OVER WEST BRANCH OF BRANDYWINE CREEK**

062C029 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ENG	BR		640		
ENG	STATE		160		
CON	BR				2,867
CON	STATE				717
ROW	STATE				250

Fiscal Year Total 0 800 0 0 3,834

Total FY 01-04 Cost 800

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6583** **LANDENBURG ROAD**

**MPMS# 14202** OVER EAST BRANCH OF WHITE CLAY CREEK

062C028 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 2001	FY 2002	FY 2003	FY 2004	
ROW	STATE	50				
CON	STATE					1,600
Fiscal Year Total		50	0	0	0	1,600
		Total FY 01-04 Cost			50	

**TIP# 6594** **US 30, LANCASTER AVENUE**

**MPMS# 14296** AT WATERLOO ROAD

062S201N ADDITION OF LEFT TURN LANE 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 2001	FY 2002	FY 2003	FY 2004	
DES	HWY		68			
DES	STATE		17			
ROW	HWY			720		
ROW	STATE			180		
CON	HWY					720
CON	STATE					180
Fiscal Year Total		0	85	900	0	900
		Total FY 01-04 Cost			985	

**TIP# 6624** **PA 29, PHOENIXVILLE PIKE**

**MPMS# 14402** AT CHARLESTOWN ROAD

062L400 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 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL			110		
CON	STU			440		
Fiscal Year Total		0	0	550	0	0
		Total FY 01-04 Cost			550	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6628 CEDAR KNOLL ROAD**  
**MPMS# 13941** OVER WEST BRANCH OF BRANDYWINE CREEK  
062C034 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE		806			
Fiscal Year Total		0	806	0	0	0
Total FY 01-04 Cost					806	

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	400				
DES	STATE			300		
CON	STATE					2,000
ROW	STATE					50
Fiscal Year Total		400	0	300	0	2,050
Total FY 01-04 Cost					700	

**TIP# 6651 LONDON TRACT ROAD**  
**MPMS# 14208** OVER WHITE CLAY CREEK  
062C065 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	STATE		492			
ROW	STATE		100			
CON	STATE				2,240	
Fiscal Year Total		0	592	0	2,240	0
Total FY 01-04 Cost					2,832	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6655** **PA 926, STREET ROAD**  
**MPMS# 14325** OVER CHESTER CREEK  
062C060 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 2001	FY 2002	FY 2003	FY 2004	
ROW	BR	40				
ROW	STATE	10				
CON	BR		640			
CON	STATE		160			
ENG	BR		152			
ENG	STATE		38			
Fiscal Year Total		50	990	0	0	0
		Total FY 01-04 Cost		1,040		

**TIP# 6687** **HARMONYVILLE ROAD**  
**MPMS# 14329** OVER PINE CREEK  
062C213 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 2001	FY 2002	FY 2003	FY 2004	
ENG	STATE	200				
CON	STATE			600		
Fiscal Year Total		200	0	600	0	0
		Total FY 01-04 Cost		800		

**TIP# 6715** **US 30, COATESVILLE-DOWNINGTOWN BYPASS**  
**MPMS# 14572** AT PA 113 (UWCHLAN AVENUE)  
062S226M INTERCHANGE IMPROVEMENT  
AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004	
CON	STATE					4,500
Fiscal Year Total		0	0	0	0	4,500
		Total FY 01-04 Cost		0		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

TIP# 6719 PA 41

MPMS# 14484

DELAWARE STATE LINE TO PA 926

062C044

STUDY OF RECONSTRUCTION / NEW CAPACITY

AQ Code X

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	4,600				
DES	STATE	1,150				
DES	HWY				3,400	
DES	STATE				850	
ROW	HWY				2,000	
ROW	STATE				500	
CON	HWY					48,000
CON	STATE					12,000
ROW	HWY					14,000
ROW	STATE					3,500
Fiscal Year Total		5,750	0	0	6,750	77,500
		Total FY 01-04 Cost			12,500	

TIP# 6732 US 322, DOWNINGTOWN WEST CHESTER ROAD

MPMS# 14461

AT US BUSINESS 322

062S001L

RELOCATE, CHANNELIZE, INSTALL SIGNALS

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 2001	FY 2002	FY 2003	FY 2004	
CON	STATE		694			
CON	STU		2,778			
Fiscal Year Total		0	3,472	0	0	0
		Total FY 01-04 Cost			3,472	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6735**      **PHOENIXVILLE PIKE BRIDGE**  
**MPMS# 14324**      OVER PICKERING CREEK  
062C050      BRIDGE REPLACEMENT  
AQ Code X      Charlestown Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR	921				
CON	STATE	230				
Fiscal Year Total		<b>1,151</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Total FY 01-04 Cost					<b>1,151</b>	

**TIP# 6740**      **WESTTOWN THORNTON ROAD**  
**MPMS# 14199**      OVER WEST BRANCH OF CHESTER CREEK  
062C062      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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	STATE		450			
ROW	STATE			300		
CON	BR					1,440
CON	STATE					360
Fiscal Year Total		<b>0</b>	<b>450</b>	<b>300</b>	<b>0</b>	<b>1,800</b>
Total FY 01-04 Cost					<b>750</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6741** **US 202 (SECTION 100)**

**MPMS# 15385** MATLACK ST. TO DELAWARE STATE LINE

1588407 TRAFFIC FLOW IMPROVEMENTS

AQ Code 2015/20 West Goshen, Westtown, Thornbury, Birmingham Twps.

Provide an additional lane in each direction, construct grade separated interchanges at appropriate locations, and improve access management.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	HWY		1,600			
PE	STATE		400			
CON	HWY					160,000
CON	STATE					40,000
DES	HWY					6,400
DES	STATE					1,600
ROW	HWY					33,600
ROW	STATE					8,400
Fiscal Year Total		0	2,000	0	0	250,000
		Total FY 01-04 Cost		2,000		

**TIP# 6772** **PA 113, KIMBERTON ROAD**

**MPMS# 14501** AT PA 401 (CONESTOGA ROAD)

062L820 SAFETY IMPROVEMENT, CHANNELIZATION

AQ Code X West Pikeland Twp.

Add left turn lanes on all four approaches.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STAT*		190			
CON	STU*		760			
Fiscal Year Total		0	950	0	0	0
		Total FY 01-04 Cost		950		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6779** **US 1, BALTIMORE PIKE**  
**MPMS# 14541** KENNETT SQUARE BYPASS TO BAYARD RD.  
062S006C PHASE 2 OF PARTNERSHIP  
AQ Code 2002M 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	STATE			3,360	
Fiscal Year Total		0	0	3,360	0
Total FY 01-04 Cost				3,360	

**TIP# 6782** **PA 100, POTTSTOWN PIKE**  
**MPMS# 14569** AT PARK RD.  
062S235C 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 2001	FY 2002	FY 2003	FY 2004
ROW	SFTY		191		
ROW	STATE		48		
CON	SFTY			810	
CON	STATE			90	
Fiscal Year Total		0	239	900	0
Total FY 01-04 Cost				1,139	

**TIP# 6791** **STATE ROAD**  
**MPMS# 14333** OVER BIG ELK CREEK  
062C055 BRIDGE REPLACEMENT  
AQ Code X Elk Twp., New London Twp.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	BR	640			
CON	STATE	160			
Fiscal Year Total		800	0	0	0
Total FY 01-04 Cost				800	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6794 HOPEWELL ROAD**

**MPMS# 14294 OVER TWEED CREEK**

062C063 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 2001	FY 2002	FY 2003	FY 2004
ENG	STATE		70		
CON	STATE			1,035	

Fiscal Year Total 0 70 1,035 0 0

Total FY 01-04 Cost 1,105

**TIP# 6797 PARK AVENUE**

**MPMS# 14209 OVER BUCK RUN**

062C067 BRIDGE REPLACEMENT

AQ Code X East Fallowfield Twp., Highland Twp.

Replace the existing two lane bridge with no shoulders with a two lane bridge with shoulders and realign Park Ave. to improve the horizontal curve.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	BR		608		
CON	STATE		152		

Fiscal Year Total 0 760 0 0 0

Total FY 01-04 Cost 760

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6799** **US 202 (SECTION 402), SWEDESFORD RD. TO**  
**MPMS# 14546** OLD EAGLE SCHOOL RD. (see #8382)  
062C202C 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 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.

This project is an advance construction conversion.

This portion of the project includes noise wall construction for section 406.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	HWY	12,536				
CON	STATE	3,134				
CON	HWY		3,941			
CON	HWY		1,541			
CON	STATE		600			
Fiscal Year Total		15,670	6,082	0	0	0
		Total FY 01-04 Cost		21,752		

**TIP# 6803** **US 30, LANCASTER AVENUE/LINCOLN HIGHWAY**  
**MPMS# 14576** PA 252 (LEOPARD RD)-DELAWARE COUNTY LINE  
062M043A RESTORATION  
AQ Code X Tredyffrin Twp., Easttown Twp.

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 2001	FY 2002	FY 2003	FY 2004	
CON	STU	9,500				
CON	HWY		5,403			
Fiscal Year Total		9,500	5,403	0	0	0
		Total FY 01-04 Cost		14,903		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6813** **PA 41, GAP NEWPORT ROAD**

**MPMS# 14613** AT NEW BALTIMORE PIKE

062S256C 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)

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	SFTY		68		
CON	STATE		17		
CON	SFTY			1,150	
CON	STATE			288	

Fiscal Year Total 0 85 1,438 0 0

Total FY 01-04 Cost 1,523

**TIP# 6841A** **CHESTER VALLEY TRAIL PHASE I**

**MPMS# 14663** CHURCH FARM SCHOOL RD. TO PA 29

062H3C18

AQ Code X Tredyffrin Twp., East Whiteland Twp.

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	LOCAL			560	
CON	TE			2,240	

Fiscal Year Total 0 0 2,800 0 0

Total FY 01-04 Cost 2,800

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

TIP# 6841B *Chester Valley Trail, Phase II*

MPMS# 61688

AQ Code X Downingtown Boro., East Caln Twp., West Whiteland Twp.

Design and construction of 8-mile paved multi-use trail between Exton Park Site Drive, West Whiteland Twp., and Kardon Park, Downingtown Boro. Construction phase to receive priority consideration for TE funding in 2002 upon completion of locally funded design phase.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	626				
PE	LOCAL	33				
Fiscal Year Total		659	0	0	0	0
Total FY 01-04 Cost					659	

TIP# 6850 *PA 100, POTTSTOWN PIKE*

MPMS# 14662 AT PUGHTOWN ROAD

062S4140 SAFETY IMP. REALIGNMENT & CHANNELIZATION

AQ Code X South Coventry Twp.

This intersection has poor sight distance due to a hump in the road on PA 100. To increase visibility, the grade will be lowered. Traffic signals may also be installed.

Construction of this project will be included in TIP #0515, Betterment Projects.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	HWY*	800				
CON	STAT*	200				
Fiscal Year Total		1,000	0	0	0	0
Total FY 01-04 Cost					1,000	

TIP# 6856 *CHESTNUT TREE ROAD*

MPMS# 14213 OVER E. BRANCH OF BRANDYWINE CREEK

062C035 BRIDGE REHABILITATION

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 2001	FY 2002	FY 2003	FY 2004	
CON	BR				560	
CON	STATE				140	
Fiscal Year Total		0	0	0	700	0
Total FY 01-04 Cost					700	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6858** **WEST BRIDGE STREET**

**MPMS# 14134** OVER AMTRAK

062L013 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	BR			1,760	
CON	LOCAL			110	
CON	STATE			330	

Fiscal Year Total	0	0	2,200	0	0
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Total FY 01-04 Cost	2,200
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**TIP# 6871** **Exton Community Circulator (C061)**

**MPMS# 14684** Township-wide

062S025Q New Local Transit Service

AQ Code 2005O West Whiteland Twp.

Implementation of a transit route through West Whiteland Township to serve residents, employers and shoppers. Funding is for design and operation - service will be supplied by a private carrier. Additional funds added in FY02 for two additional years of operation.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	CMAQ		400		
CON	LOCAL		100		

Fiscal Year Total	0	500	0	0	0
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Total FY 01-04 Cost	500
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6878**      **STATE STREET BRIDGE**  
**MPMS# 14653**      OVER AMTRAK'S HARRISBURG LINE  
062L063      BRIDGE REMOVAL  
AQ Code X      Parkesburg Boro.

Remove the dilapidated vehicular bridge which has been closed to traffic since the 1970's.  
A new pedestrian bridge may be constructed.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
UTIL	LOCAL	16				
UTIL	STATE	50				
UTIL	STU	264				
CON	LOCAL			35		
CON	STATE			105		
CON	STU			560		
Fiscal Year Total		330	0	700	0	0
		Total FY 01-04 Cost		1,030		

**TIP# 6893**      **JAMES MILL ROAD**  
**MPMS# 14278**      OVER BRANCH OF FRENCH CREEK  
062L062      BRIDGE REPLACEMENT  
AQ Code X      East Nantmeal Twp., Warwick Twp.

Replace the existing one and a half lane bridge with a 24' wide, two lane bridge with minimal shoulders.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL	102				
CON	STATE	408				
Fiscal Year Total		510	0	0	0	0
		Total FY 01-04 Cost		510		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6899 VALLEY WILLOW ROAD**  
**MPMS# 14272** OVER BRANCH OF WHITE CLAY  
062L066 BRIDGE REPLACEMENT  
AQ Code X London Grove Twp.

The existing two lane bridge will be replaced in kind.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL		150			
CON	STATE		600			
CON	STATE		211			
ROW	STATE		20			
Fiscal Year Total		0	981	0	0	0
Total FY 01-04 Cost					981	

**TIP# 6902 CHESTNUT ST.**  
**MPMS# 14354** OVER AMTRAK/SEPTA R5  
062L059 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	BR	80				
ENG	HWY	75				
ENG	LOCAL	55				
ENG	STATE	15				
ROW	BR		80			
ROW	LOCAL		5			
ROW	STATE		15			
CON	BR				2,000	
CON	LOCAL				125	
CON	STATE				375	
Fiscal Year Total		225	100	0	2,500	0
Total FY 01-04 Cost					2,825	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6903** **US 202 (SECTION 300) IMPROVEMENT PROJECT**

**MPMS# 13945** US 30 TO HOWELLVILLE RD./

SWEDSFORD RD. INTERCHANGE

AQ Code 2015/20 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY		6,800			
DES	STATE		1,700			
DES	STU		1,850			
ROW	HWY			4,000		
ROW	STATE			1,000		
CON	HWY					80,000
CON	STATE					20,000
Fiscal Year Total		0	10,350	5,000	0	100,000
			Total FY 01-04 Cost		15,350	

**TIP# 6905** **PA 52**

**MPMS# 14504** PA 926 - US 1

Relocation

AQ Code 2005M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL		500			
CON	STATE				600	
CON	STU				2,400	
ROW	STATE				100	
ROW	STU				400	
Fiscal Year Total		0	500	0	3,500	0
			Total FY 01-04 Cost		4,000	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6906 PA 100**

**MPMS# 14515**

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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL		100			
CON	HWY			5,600		
CON	STATE			1,400		
Fiscal Year Total		0	100	7,000	0	0
Total FY 01-04 Cost					7,100	

**TIP# 6907 PA 100**

**MPMS# 14629**

I-76, PA Turnpike to Fellowship Rd.

Road Relocation

AQ Code 2005M

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)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	200				
CON	LOCAL		1,000			
CON	STATE		1,500			
ROW	LOCAL		300			
CON	HWY					2,000
CON	STATE					500
Fiscal Year Total		200	2,800	0	0	2,500
Total FY 01-04 Cost					3,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6908 PA 100**

**MPMS# 47978** Blackhorse Rd. to Horseshoe Trail

Ludwigs Corner Realignment

AQ Code 2015/20 West Vincent Twp.

Provide four through lanes by constructing two through lanes to the east of Ludwig's Corner.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	100				
DES	STATE			500		
ROW	STATE				500	
CON	STATE					3,000
Fiscal Year Total		100	0	500	500	3,000
		Total FY 01-04 Cost			1,100	

**TIP# 6909 PA 113**

**MPMS# 14500** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL	500				
CON	STATE			1,100		
CON	STU			4,400		
Fiscal Year Total		500	0	5,500	0	0
		Total FY 01-04 Cost			6,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6910** *Paoli Transportation Center*

**MPMS# 47979** US 30 and Paoli Pike

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 TIP #S080.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	STATE			1,000		
DES	STATE				500	
CON	CMAQ					8,800
CON	STATE					2,200
ROW	STATE					2,000
Fiscal Year Total		0	0	1,000	500	13,000
		Total FY 01-04 Cost			1,500	

**TIP# 6911** *Downingtown Closed Loop Signal System*

**MPMS# 47980** US 30, PA 113, and US 322

AQ Code 2005M Downingtown Boro.

Install closed loop traffic signal system.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ	200				
ROW	CMAQ		20			
CON	CMAQ			1,500		
Fiscal Year Total		200	20	1,500	0	0
		Total FY 01-04 Cost			1,720	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6912** *Phoenixville Closed Loop Signal System*

**MPMS# 47981** PA 23, PA 29, and PA 113

AQ Code 2005M Phoenixville Boro.

Install closed loop traffic signal system.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ	160				
DES	LOCAL	40				
ROW	CMAQ			100		
CON	CMAQ				2,000	
Fiscal Year Total		200	0	100	2,000	0
		Total FY 01-04 Cost			2,300	

**TIP# 6913** *PA 926*

**MPMS# 14672** at Parkersville Rd.

AQ Code X Intersection Improvement  
Pennsbury Twp.

Realign the intersection and vertically realign the road east of the intersection to correct safety problems due to poor sight distance and roadway geometry.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE	600				
Fiscal Year Total		600	0	0	0	0
		Total FY 01-04 Cost			600	

**TIP# 6915** *Paoli Pike*

**MPMS# 47136** at Five Points Rd.

AQ Code X Intersection Improvement  
West Goshen Twp.

Provide left turn lanes on all four approaches.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	STATE	50				
CON	STATE			700		
Fiscal Year Total		50	0	700	0	0
		Total FY 01-04 Cost			750	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6916** *State St. (east of Indian Run Rd.)*

**MPMS# 14246** over Indian Run

Bridge Replacement

AQ Code X Avondale Boro.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	80				
DES	LOCAL	5				
DES	STATE	15				
ROW	BR		8			
ROW	LOCAL		1			
ROW	STATE		1			
CON	BR				400	
CON	LOCAL				50	
CON	STATE				50	
Fiscal Year Total		100	10	0	500	0
		Total FY 01-04 Cost			610	

**TIP# 6917** *Howelville Rd.*

**MPMS# 14363** over Conrail, north of Bodine Rd.

Bridge Replacement

AQ Code X Tredyffrin Twp.

Bridge replacement and horizontal realignment of roadway.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR		80			
DES	LOCAL		10			
DES	STATE		10			
ROW	BR				160	
ROW	LOCAL				20	
ROW	STATE				20	
CON	BR					800
CON	LOCAL					100
CON	STATE					100
Fiscal Year Total		0	100	0	200	1,000
		Total FY 01-04 Cost			300	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6918** *Reid Rd.*

**MPMS# 14270** over West Branch of Brandywine Creek

Bridge Replacement

AQ Code X West Caln Twp., West Brandywine Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE		360			
ROW	LOCAL		2			
CON	BR					480
CON	LOCAL					30
CON	STATE					90
Fiscal Year Total		0	362	0	0	600
		Total FY 01-04 Cost		362		

**TIP# 6919** *South Keim St.*

**MPMS# 56901** over Small Run

Bridge Replacement

AQ Code X North Coventry Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	32				
ROW	LOCAL	2				
ROW	STATE	6				
CON	BR					400
CON	LOCAL					25
CON	STATE					75
Fiscal Year Total		40	0	0	0	500
		Total FY 01-04 Cost		40		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6920 US 422**

**MPMS# 14698** Berks County - Schuylkill River

062M4000 Reconstruction and Interchange Upgrades

AQ Code X North Coventry Twp., West Pottsgrove Twp.

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

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	HWY		704			
ENG	STATE		176			
ROW	HWY				800	
ROW	STATE				200	
CON	HWY					20,000
CON	STATE					5,000
Fiscal Year Total		0	880	0	1,000	25,000
			Total FY 01-04 Cost		1,880	

**TIP# 6923 PA 113, Gay St.**

**MPMS# 14699** over French Creek and Conrail

Bridge Replacement

AQ Code X Phoenixville Boro.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR			320		
DES	STATE			80		
ROW	BR				160	
ROW	STATE				40	
CON	BR					6,800
CON	STATE					1,700
Fiscal Year Total		0	0	400	200	8,500
			Total FY 01-04 Cost		600	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6924** *US 322, Main St.*

**MPMS# 47312** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	100				
ROW	STATE			50		
CON	STATE				400	
Fiscal Year Total		100	0	50	400	0
		Total FY 01-04 Cost			550	

**TIP# 6928** *PA 41*

**MPMS# 47421** US 30 TO PA 926

AQ Code X Intersection/Corridor Improvements  
Various Municipalities

Traffic safety improvements at various intersections and along the corridor.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO				3,200	
DES	STATE				800	
CON	HWY					32,000
CON	STATE					8,000
ROW	HWY					4,000
ROW	HWY					4,000
ROW	STATE					1,000
ROW	STATE					1,000
Fiscal Year Total		0	0	0	4,000	50,000
		Total FY 01-04 Cost			4,000	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6929** *US 30, Coatesville Downingtown Bypass*

**MPMS# 14532** 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	DEMO	2,400				
PE	STATE	600				
CON	HWY					92,000
CON	STATE					23,000
DES	DEMO					600
DES	HWY					4,200
DES	STATE					1,200
ROW	HWY					8,000
ROW	STATE					2,000
Fiscal Year Total		<b>3,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	131,000
		<b>Total FY 01-04 Cost</b>				<b>3,000</b>

**TIP# 6930** *PA 41*

**MPMS# 47137** at Zook Rd.

Intersection Improvement

AQ Code X 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	DEMO		240			
ROW	STATE		60			
CON	DEMO			960		
CON	STATE			240		
Fiscal Year Total		<b>0</b>	<b>300</b>	<b>1,200</b>	<b>0</b>	0
		<b>Total FY 01-04 Cost</b>				<b>1,500</b>

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6931** *Fairview Rd.*

**MPMS# 47985** over Tweeds Run

Bridge Replacement

AQ Code X Lower Oxford Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	LOCAL		32		
DES	STATE		128		
ROW	LOCAL			12	
ROW	STATE			48	
CON	LOCAL				140
CON	STATE				560

Fiscal Year Total	0	160	60	700	0
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Total FY 01-04 Cost	920
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**TIP# 6932** *Pusey Mill Rd.*

**MPMS# 14253** over Big Elk Creek

Bridge Replacement

AQ Code X Penn Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	BR		140		
DES	LOCAL		35		
ROW	BR			48	
ROW	LOCAL			12	
CON	BR				560
CON	LOCAL				140

Fiscal Year Total	0	175	60	700	0
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Total FY 01-04 Cost	935
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

TIP# 6933 *Ravine Rd.*

MPMS# 14400 under Frazer Railroad

Bridge removal and roadway realignment  
East Whiteland Twp.

AQ Code X

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL		10			
ROW	STATE		40			
CON	LOCAL				80	
CON	STATE				320	
Fiscal Year Total		0	50	0	400	0
			Total FY 01-04 Cost		450	

TIP# 6934 *Pickering Road*

MPMS# 13972 over Pickering Creek

Bridge Replacement  
East Pikeland Twp.

AQ Code X

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL		4			
ROW	STATE		16			
CON	LOCAL					140
CON	STATE					560
Fiscal Year Total		0	20	0	0	700
			Total FY 01-04 Cost		20	

TIP# 6935 *Downingtown Streetscape*

MPMS# 50518

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ERC	TE		1,085			
Fiscal Year Total		0	1,085	0	0	0
			Total FY 01-04 Cost		1,085	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6936** *Phoenix Column Truss Bridge*

**MPMS# 50519** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ERC	TE	200				
Fiscal Year Total		200	0	0	0	0
		Total FY 01-04 Cost				200

**TIP# 6937** *French Creek Parkway, btw. PA 113 and*

**MPMS# 57659** Bridge St. (Phoenix Steel site)

New Collector Road

AQ Code 2005M 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.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	200				
DES	LOCAL		800			
ROW	LOCAL		2,000			
CON	HWY				4,800	
CON	LOCAL				1,200	
Fiscal Year Total		200	2,800	0	6,000	0
		Total FY 01-04 Cost				9,000

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6938** *Devon Train Station Renovation*

**MPMS# 61689**

AQ Code X

Easttown Twp.

Renovation of active train station.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL	462				
CON	TTE	538				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 01-04 Cost		1,000		

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

**MPMS# 61690**

AQ Code X

Uwchlan Twp.

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

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	15				
DES	LOCAL		195			
ROW	LOCAL		15			
CON	TE				885	
Fiscal Year Total		15	210	0	885	0
		Total FY 01-04 Cost		1,110		

**TIP# 6940** *Route 100 Pedestrian Overpass*

**MPMS# 61697**

AQ Code X

West Whiteland Twp.

Construction of pedestrian overpass across Rt. 100 at the Exton Train Station; passenger drop-off lane on southbound side; and sidewalk from Whiteland Woods Blvd. to the train station.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	28				
PE	LOCAL	10				
ROW	LOCAL		35			
CON	TE			288		
Fiscal Year Total		38	35	288	0	0
		Total FY 01-04 Cost		361		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6941**

**Southern Chester County**

**MPMS# 60687**

Rail Corridor Improvements (Q26)

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 2001	FY 2002	FY 2003	FY 2004	
ROW	CMAQ		2			
ROW	LOCAL		1			
CON	CMAQ			152		
CON	LOCAL			38		
Fiscal Year Total		0	3	190	0	0
Total FY 01-04 Cost					193	

**TIP# 6942**

**Caln Township Closed Loop**

**MPMS# 58664**

Signal System (Q40)

AQ Code 2005O

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 2001	FY 2002	FY 2003	FY 2004	
PE	LOCAL	18				
DES	LOCAL		52			
ROW	CMAQ			18		
CON	CMAQ				820	
Fiscal Year Total		18	52	18	820	0
Total FY 01-04 Cost					908	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6943** *East Goshen Township*

**MPMS# 60703** Closed Loop Signal System (Q41)

AQ Code 20050 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	15				
PE	LOCAL	2				
CON	CMAQ			100		
Fiscal Year Total		17	0	100	0	0
Total FY 01-04 Cost					117	

**TIP# 6944** *Schuylkill River Trail*

**MPMS# 61885** along South Bank of French Creek (Q42)

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.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	42				
PE	LOCAL	200				
ROW	LOCAL			150		
CON	CMAQ				376	
Fiscal Year Total		242	0	150	376	0
Total FY 01-04 Cost					768	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6945**      *Route 30 Closed Loop*

**MPMS# 59437**      Traffic Technology (Q44)

AQ Code 2005O

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

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	78				
PE	LOCAL	77				
CON	CMAQ			531		
CON	LOCAL			90		
Fiscal Year Total		155	0	621	0	0
		Total FY 01-04 Cost			776	

**TIP# 6946**      **PA 926**

**MPMS# 57660**      at Shiloh Rd.

Channelization/Safety

AQ Code X      Westtown Twp., Thornbury Twp.

Safety problems exist due to poor roadway geometry and lack of channelization. Provide left turn lanes on PA 926, improve geometry and sight distances.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE		100			
ROW	STATE			50		
CON	STATE				500	
Fiscal Year Total		0	100	50	500	0
		Total FY 01-04 Cost			650	

**TIP# 6947**      **PA 401**

**MPMS# 57663**      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.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	110				
CON	HWY					600
CON	STATE					150
Fiscal Year Total		110	0	0	0	750
		Total FY 01-04 Cost			110	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6948** *Newark Rd.*

**MPMS# 57664** at Hillendale Rd.

AQ Code X Channelization/Signal  
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 2001	FY 2002	FY 2003	FY 2004	
PE	STATE	100				
ROW	STATE			100		
CON	STATE				400	
Fiscal Year Total		100	0	100	400	0
		Total FY 01-04 Cost			600	

**TIP# 6949** *PA 113*

**MPMS# 57665** at Yellow Springs Rd.

AQ Code X Left Turn Lanes  
West Pikeland Twp.

Poor traffic flow due to a lack of channelization. Provide left-turn lane on both approaches of PA 113.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	50				
ROW	LOCAL			20		
CON	HWY					240
CON	STATE					60
Fiscal Year Total		50	0	20	0	300
		Total FY 01-04 Cost			70	

**TIP# 6950** *Wagontown Rd.*

**MPMS# 57676**

AQ Code X Reconstruction, Repair Flood Damage  
Valley Twp.

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

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	50				
ROW	LOCAL		10			
CON	FFL				480	
CON	LOCAL				120	
Fiscal Year Total		50	10	0	600	0
		Total FY 01-04 Cost			660	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6951 PA 926**

**MPMS# 14327** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR		96			
DES	STATE			600		
CON	STATE					4,500
ROW	STATE					100
Fiscal Year Total		0	96	600	0	4,600
Total FY 01-04 Cost					696	

**TIP# 6952 Gulph Rd.**

**MPMS# 57678** over Trout Run, east of Glenhardie Rd.

Bridge Replacement

AQ Code X Tredyffrin

Bridge Replacement.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	300				
ROW	STATE			60		
CON	STATE					500
Fiscal Year Total		300	0	60	0	500
Total FY 01-04 Cost					360	

**TIP# 6953 State Rd.**

**MPMS# 57679** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE		120			
CON	STATE					450
ROW	STATE					50
Fiscal Year Total		0	120	0	0	500
Total FY 01-04 Cost					120	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6954** *Union St. over W. Br. of Brandywine Ck.*

**MPMS# 57680** South of Modena Rd.

AQ Code X Bridge Replacement  
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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE		500			
CON	STATE					1,000
DES	STATE					100
ROW	STATE					50
Fiscal Year Total		0	500	0	0	1,150
Total FY 01-04 Cost					500	

**TIP# 6955** *Sheeder Mill Rd.*

**MPMS# 57681** over French Creek (S. of Pughtown Rd.)

AQ Code X Bridge Rehabilitation  
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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	22				
DES	STATE		360			
ROW	LOCAL			2		
ROW	STATE			8		
CON	LOCAL					120
CON	STATE					480
Fiscal Year Total		22	360	10	0	600
Total FY 01-04 Cost					392	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6956** *Hillendale Rd. over West Branch of*  
**MPMS# 57682** Red Clay Creek (w. of Chandler Mill Rd.)  
Bridge Replacement  
AQ Code X Kennett Twp.

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

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	35				
DES	STATE	140				
ROW	LOCAL			12		
ROW	STATE			48		
CON	LOCAL					150
CON	STATE					600
Fiscal Year Total		175	0	60	0	750
		Total FY 01-04 Cost			235	

**TIP# 6957** *Old Gap-Newport Pike*  
**MPMS# 57683** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL			80		
CON	BR					320
CON	LOCAL					80
ROW	BR					8
ROW	LOCAL					2
Fiscal Year Total		0	0	80	0	410
		Total FY 01-04 Cost			80	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

**TIP# 6958** *PA 82 Trail*

**MPMS# 57684** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	50				
ROW	LOCAL		20			
CON	LOCAL				135	
CON	STU				540	
Fiscal Year Total		50	20	0	675	0
Total FY 01-04 Cost					745	

**TIP# 6959** *Lincoln Highway Streetscape*

**MPMS# 57685**

Pedestrian, Transit Enhancements

AQ Code X Coatesville

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	136				
CON	HWY				640	
CON	LOCAL				160	
Fiscal Year Total		136	0	0	800	0
Total FY 01-04 Cost					936	

**TIP# 6960** *US 1 Expressway*

**MPMS# 14581** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE			9,000		
Fiscal Year Total		0	0	9,000	0	0
Total FY 01-04 Cost				9,000		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6961** *French Creek Recreational Trail*

**MPMS# 58589**

AQ Code X Phoenixville Boro.

Construction of a recreational trail along French Creek which runs through a 120-acre brownfields site in downtown Phoenixville.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL	25				
ERC	RecTr	100				
Fiscal Year Total		125	0	0	0	0
Total FY 01-04 Cost					125	

**TIP# 6962** *PA 100 Spur*

**MPMS# 51212**

AQ Code X Noise Walls  
West Whiteland Twp., West Goshen Twp.

Construct noise walls on the PA 100 Spur eastbound from Gypsy Lane to Kirkland Ave. and westbound from Kirkland Ave. to Phoenixville Pike.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	ST-SP	5,300				
CON	ST-SP		300			
Fiscal Year Total		5,300	300	0	0	0
Total FY 01-04 Cost					5,600	

**TIP# 6963A** *PA 41 ITS Technology Deployment*

**MPMS# 64360** Delaware State Line to US 30

AQ Code X Various

Purchase, installation, and coordination of equipment necessary for the ITS Enforcement Initiative (see TIP #6963)

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	HWY		1,500			
Fiscal Year Total		0	1,500	0	0	0
Total FY 01-04 Cost					1,500	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6964** *King of Prussia Rd.*

**MPMS# 58130** at Upper Gulph Rd.

AQ Code X Intersection Improvement  
Tredyffrin Twp.

Realign intersection and provide turning lanes and signalization.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	140				
DES	LOCAL			50		
CON	HWY					596
CON	STATE					149
ROW	HWY					320
ROW	LOCAL					100
ROW	STATE					80
Fiscal Year Total		140	0	50	0	1,245
		Total FY 01-04 Cost		190		

**TIP# 6965** *Harmonyville Rd. Bridge II*

**MPMS# 14337** over French Creek

AQ Code X Bridge Replacement  
Warwick Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	200				
DES	STATE			200		
CON	STATE					900
ROW	STATE					20
Fiscal Year Total		200	0	200	0	920
		Total FY 01-04 Cost		400		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Chester**

**TIP# 6966** *Speakman's Covered Bridge - Frog Hollow/*

**MPMS# 14200** Hephzibah Hill Rd. over Buck Run

Bridge Rehabilitation

AQ Code X East Fallowfield Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	100				
PE	STATE	400				
CON	STATE					500
ROW	STATE					20
Fiscal Year Total		500	0	0	0	520
Total FY 01-04 Cost					500	

**TIP# 6967** *Clover Mill Rd. Bridge*

**MPMS# 14594** over Pickering Creek

Bridge Replacement

AQ Code X West Pikeland Twp.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	300				
DES	STATE			200		
CON	STATE					1,200
ROW	STATE					50
Fiscal Year Total		300	0	200	0	1,250
Total FY 01-04 Cost					500	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Chester

TIP# 6968 *Yellow Springs Rd. Bridge*

MPMS# 14206 over Pickering Creek

Bridge Replacement

AQ Code X West Pikeland Twp.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	BR	240				
PE	STATE	60				
DES	BR			160		
DES	STATE			40		
CON	BR					880
CON	STATE					220
ROW	BR					40
ROW	STATE					10
Fiscal Year Total		300	0	200	0	1,150
		Total FY 01-04 Cost		500		

TIP# 6969 *Old Baltimore Pike Bikeway*

MPMS# 62297

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	CMAQ	67				
DES	CMAQ		20			
CON	CMAQ			360		
Fiscal Year Total		67	20	360	0	0
		Total FY 01-04 Cost		447		

Total for Chester 64,144 49,463 50,510 37,846 692,629

Total FY 01-04 Cost 201,963

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 6963 PA 41, ITS Enforcement Initiative**

**MPMS# 57761** Delaware State Line to US 30

Chester and Lancaster Counties

AQ Code X Various

ITS enforcement initiatives include monitoring tailgating issues, targeting speeding with radar speed detectors, truck enforcement, and intense intersection deliniation.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	HWY		1,168		
CON	STATE		292		
ENG	CMAQ		84		

Fiscal Year Total 0 1,544 0 0 0

Total FY 01-04 Cost 1,544

**TIP# 7051 PA 291, INDUSTRIAL HIGHWAY**

**MPMS# 14822** CHESTER/TRAINER LINE TO FRANKLIN ST.

063C026 5 LANE WIDENING WITH CENTER TURN LANE

AQ Code 2005M Chester City

Widen to provide two travel lanes in each direction with a center turn lane, and sidewalks and parking on one side. Consideration is being given to narrowing the sidewalk in order to accommodate bicycle lanes.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
UTIL	STATE	420			
UTIL	STU	1,680			
CON	STATE			3,000	
CON	STU			12,000	

Fiscal Year Total 2,100 0 15,000 0 0

Total FY 01-04 Cost 17,100

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7129 I-95, DELAWARE EXPRESSWAY**

**MPMS# 14865** AT PA 352 (EDGMONT AVENUE)

063C059 CONSTRUCT RAMP ONTO SOUTHBOUND I-95

AQ Code 2002M Chester City

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

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	HWY		100			
ROW	HWY		135			
ROW	STATE		15			
UTIL	HWY		2,475			
UTIL	STATE		275			
CON	HWY			5,040		
CON	STATE			560		
Fiscal Year Total		0	3,000	5,600	0	0
			Total FY 01-04 Cost		8,600	

**TIP# 7666 US 322, CONCHESTER ROAD**

**MPMS# 14747** US 1 (BALTIMORE PK.)-PA 452 (MARKET ST.)

063C065 CORRIDOR IMPROVEMENTS

AQ Code 2015/20 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	DEMO		4,400			
ENG	STATE		1,100			
ROW	DEMO			4,400		
ROW	STATE			1,100		
CON	DEMO					12,950
CON	HWY					35,050
CON	STATE					3,238
CON	STATE					8,763
Fiscal Year Total		0	5,500	5,500	0	60,001
			Total FY 01-04 Cost		11,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7789** **US 202 (Section 100)**

**MPMS# 15385** Matlack St. to Delaware State Line

Traffic Flow Improvements

AQ Code 2015/20 West Goshen, Westtown, Thornbury, Birmingham Twps.

Provide an additional lane in each direction, construct grade separated interchanges at appropriate locations, and improve access management.

(See TIP #6741 in Chester County for project schedule and cost.)

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY					
DES	HWY		536			
Fiscal Year Total		0	536	0	0	0
		Total FY 01-04 Cost		536		

**TIP# 7834** **PA 3, WEST CHESTER PIKE**

**MPMS# 47313** LAWRENCE RD. TO US 1

063S203M CORRIDOR IMPROVEMENTS

AQ Code T20050 Haverford Twp., Upper Darby Twp.

Lengthen the standby lane at 25 intersections and install a computerized traffic signal system.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	760				
CON	STATE	190				
CON	CMAQ		1,000			
CON	STATE		250			
Fiscal Year Total		950	1,250	0	0	0
		Total FY 01-04 Cost		2,200		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7835** **PA 3, WEST CHESTER PIKE**  
**MPMS# 15437** CHESTER CO. LINE-US 1(TOWNSHIP LINE RD.)  
063S207C CORRIDOR IMPROVEMENTS  
AQ Code 2005O 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	SFTY		1,026		
CON	STATE		114		
ROW	HWY		127		
ROW	STATE		34		

Fiscal Year Total	0	1,301	0	0	0
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Total FY 01-04 Cost 1,301

**TIP# 7835A** **PA 3, WEST CHESTER PIKE**  
**MPMS# 50623** Lawrence Rd. to Media Line  
Corridor Improvements  
AQ Code 2005O Newtown 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	HWY	180			
CON	STATE	20			
CON	HWY		540		
CON	STATE		60		

Fiscal Year Total	200	600	0	0	0
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Total FY 01-04 Cost 800

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

**TIP# 7840** **GOSHEN ROAD**  
**MPMS# 15438** SOUTH OF DARBY-PAOLI ROAD  
063S223S SAFETY IMPROVEMENT  
AQ Code X Radnor Twp.

Improve safety by softening the curve.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	SFTY	69				
ROW	STATE	8				
CON	SFTY			630		
CON	STATE			70		
Fiscal Year Total		77	0	700	0	0
Total FY 01-04 Cost					777	

**TIP# 7850** **PA 452, MARKET STREET**  
**MPMS# 15406** OVER AMTRAK  
063C203 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

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	BR	320				
ENG	STATE	80				
ROW	BR	40				
ROW	STATE	10				
CON	BR			5,600		
CON	STATE			1,400		
Fiscal Year Total		450	0	7,000	0	0
Total FY 01-04 Cost					7,450	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

**TIP# 7852** **MACDADE BOULEVARD**  
**MPMS# 15408** OVER DARBY CREEK  
063C103 BRIDGE REPLACEMENT  
AQ Code X Darby Boro.

The scope of this project has not yet been determined.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	STATE	400				
ROW	STATE			200		
CON	BR					1,600
CON	STATE					400
Fiscal Year Total		400	0	200	0	2,000
		Total FY 01-04 Cost		600		

**TIP# 7860** **P & W BICYCLE/PEDESTRIAN TRAIL (C046)**  
**MPMS# 15493** MARTHA BROWNS WOODS PARK TO  
063S028Q SUGARTOWN RD.  
AQ Code X Radnor Twp.

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	CMAQ	16				
ROW	STATE	4				
CON	CMAQ		920			
CON	STATE		230			
ENG	CMAQ		80			
ENG	STATE		20			
Fiscal Year Total		20	1,250	0	0	0
		Total FY 01-04 Cost		1,270		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7868** **I-95, DELAWARE EXPRESSWAY**

**MPMS# 15435** OVER DARBY CREEK

063M043A BRIDGE REHABILITATION

AQ Code X Ridley Twp., Tinicum Twp.

This bridge rehabilitation project includes improvements to the expansion joints, backwall, and abutments.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	ST187		158			
CON	BR					1,600
CON	HWY					2,400
CON	STATE					1,000
Fiscal Year Total		0	158	0	0	5,000
		Total FY 01-04 Cost		158		

**TIP# 7872** **FOLCROFT AVENUE**

**MPMS# 15008** OVER AMTRAK

063L002 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	310				
DES	LOCAL	19				
DES	STATE	58				
ROW	BR	124				
ROW	LOCAL	8				
ROW	STATE	23				
UTIL	BR	484				
UTIL	LOCAL	30				
UTIL	STATE	91				
CON	BR			1,920		
CON	LOCAL			120		
CON	STATE			360		
Fiscal Year Total		1,147	0	2,400	0	0
		Total FY 01-04 Cost		3,547		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7875** **OLD FORGE RD. BRIDGE (#209)**

**MPMS# 15185** OVER ROCKY RUN CREEK

063L100 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	16				
ROW	LOCAL	1				
ROW	STATE	3				
CON	BR					616
CON	LOCAL					38
CON	STATE					116
Fiscal Year Total		20	0	0	0	770
		Total FY 01-04 Cost			20	

**TIP# 7878A** **PA 252, Providence Rd.**

**MPMS# 15345** 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL	60				
ROW	STATE	240				
CON	STATE			2,100		
Fiscal Year Total		300	0	2,100	0	0
		Total FY 01-04 Cost			2,400	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7878B** *PA 252, Providence Rd.*

**MPMS# 49316** Palmer's Mill Rd. to Kirk Ln.

Relocation of Rose Tree Tavern

AQ Code X Upper Providence Twp.

Relocation of Rose Tree Tavern away from the Providence Rd. / Rose Tree Rd. intersection.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE		1,730			
Fiscal Year Total		0	1,730	0	0	0
Total FY 01-04 Cost					1,730	

**TIP# 7879** *Chester Creek Bicycle/Pedestrian Trail*

**MPMS# 47986** Former Chester Creek Branch Rail Line

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL			114		
DES	STU			457		
ROW	LOCAL			53		
ROW	STU			212		
CON	LOCAL					735
CON	STU					2,939
Fiscal Year Total		0	0	836	0	3,674
Total FY 01-04 Cost					836	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

TIP# 7880 *Crum Creek Rd.*

MPMS# 15188 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 2001	FY 2002	FY 2003	FY 2004	
DES	BR	343				
DES	LOCAL	22				
DES	STATE	75				
ROW	BR		23			
ROW	LOCAL		2			
ROW	STATE		6			
CON	BR			660		
CON	LOCAL			44		
CON	STATE			176		
Fiscal Year Total		440	31	880	0	0
		Total FY 01-04 Cost		1,351		

TIP# 7881 *Locksley Rd.*

MPMS# 15276 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 2001	FY 2002	FY 2003	FY 2004	
DES	BR	192				
DES	LOCAL	12				
DES	STATE	36				
DES	BR		244			
DES	STATE		61			
ROW	BR			38		
ROW	LOCAL			3		
ROW	STATE			10		
CON	BR				876	
CON	LOCAL				59	
CON	STATE				234	
Fiscal Year Total		240	305	51	1,169	0
		Total FY 01-04 Cost		1,765		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7882** *US 1, Baltimore Pike*

**MPMS# 47987** Valley Rd. to Granite Run Mall

Closed Loop Traffic Signal System

AQ Code 2002M Middletown Twp.

Construction of a closed-loop traffic signal system, including signals on PA 352 between PA 452 and Granite Run Mall.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	40				
UTL	STU		250			
CON	STU			300		
Fiscal Year Total		40	250	300	0	0
		Total FY 01-04 Cost			590	

**TIP# 7883** *I-95/Conchester Highway Access Study*

**MPMS# 15477**

AQ Code 2015/20 Chester Twp.

Study to recommend solutions for (1) improving access to I-95 and US 322 from three industrial parks north of I-95 and the CSX Twin Oaks Automobile Intermodal Facility and (2) providing a safer interchange of I-95 and US 322.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE		1,000			
CON	HWY					14,200
CON	STATE					1,800
ROW	STATE					3,000
Fiscal Year Total		0	1,000	0	0	19,000
		Total FY 01-04 Cost			1,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

TIP# 7885 US 13

MPMS# 47990 Morton Ave./12th St.- 9th St./Clover Ln.

Signal Modernization

AQ Code 2005M 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 2001	FY 2002	FY 2003	FY 2004	
DES	STU	120				
CON	STU				1,030	
Fiscal Year Total		120	0	0	1,030	0
		Total FY 01-04 Cost			1,150	

TIP# 7886 Haverford Rd.

MPMS# 15474 at College Ave.

Intersection Improvements

AQ Code X Haverford Twp.

Construction of left turn lanes on both approaches of Haverford Rd.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	75				
ROW	LOCAL		95			
CON	STATE				495	
Fiscal Year Total		75	95	0	495	0
		Total FY 01-04 Cost			665	

TIP# 7887 Woodward Ave.

MPMS# 15498 over Tributary of Vernon Run

Bridge/Culvert Widening

AQ Code X Nether Providence Twp.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	10				
CON	LOCAL			18		
CON	STATE			83		
Fiscal Year Total		10	0	101	0	0
		Total FY 01-04 Cost			111	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7888** *PA 100, Creek Rd.*

**MPMS# 15229** over Harvey Run

Bridge Replacement

AQ Code X Chadds Ford Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
PE	STATE	200			
CON	STATE		1,500		
UTIL	STATE		150		
DES	STATE			350	

Fiscal Year Total	200	1,650	350	0	0
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Total FY 01-04 Cost 2,200

**TIP# 7889** *US 30, Lancaster Ave.*

**MPMS# 14767** Wayne Ave. to Lowry's Lane

Closed Loop Signal System

AQ Code 2005M Radnor Twp.

Installation of a closed-loop signal system interconnecting 14 signals.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	CMAQ				550

Fiscal Year Total	0	0	0	550	0
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Total FY 01-04 Cost 550

**TIP# 7890** *US-1, Baltimore Pike*

**MPMS# 15367** at PA 352, Middletown Rd.

Interchange Improvement Study

AQ Code X Middletown Twp.

Preliminary engineering for the reconstruction of this cloverleaf interchange, originally built in 1939.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
PLS	STATE	400			

Fiscal Year Total	400	0	0	0	0
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Total FY 01-04 Cost 400

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7891** *New Rd. (Crozierville Bridge)*

**MPMS# 47992** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	BR		24		
ROW	LOCAL		1		
ROW	STATE		5		
CON	BR				904
CON	LOCAL				56
CON	STATE				170

Fiscal Year Total 0 30 0 1,130 0

Total FY 01-04 Cost 1,160

**TIP# 7892** *7th St.*

**MPMS# 47993** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	BR	400			
DES	LOCAL	24			
DES	STATE	76			
ROW	BR			24	
ROW	LOCAL			1	
ROW	STATE			5	
CON	BR				1,240
CON	LOCAL				77
CON	STATE				233

Fiscal Year Total 500 0 30 1,550 0

Total FY 01-04 Cost 2,080

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

TIP# 7893 *Springfield Rd.*

MPMS# 48171 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 2001	FY 2002	FY 2003	FY 2004	
ROW	LOCAL	50				
CON	STATE				500	
Fiscal Year Total		50	0	0	500	0
		Total FY 01-04 Cost			550	

TIP# 7894 *3rd St.*

MPMS# 47147 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	LOCAL	40				
PE	STATE	160				
DES	LOCAL		40			
DES	STATE		160			
CON	LOCAL				200	
CON	STATE				800	
Fiscal Year Total		200	200	0	1,000	0
		Total FY 01-04 Cost			1,400	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7895** **Chichester Ave.**

**MPMS# 15479** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	200				
ROW	STATE			500		
CON	STATE				1,000	
Fiscal Year Total		200	0	500	1,000	0
		Total FY 01-04 Cost			1,700	

**TIP# 7896** **US 13, Chester Pike/MacDade Blvd.**

**MPMS# 47994** 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 supermarket entrance.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ			1,276		
Fiscal Year Total		0	0	1,276	0	0
		Total FY 01-04 Cost			1,276	

**TIP# 7897** **Baltimore Pike**

**MPMS# 48168** 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. It includes the optimization of 21 traffic signals and actuation of 7 side streets.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ	200				
CON	CMAQ			900		
Fiscal Year Total		200	0	900	0	0
		Total FY 01-04 Cost			1,100	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7900** *I-95*

**MPMS# 48169** Airport to I-476

Intelligent Transportation System

AQ Code 2005O Tinicum Twp., Ridley Twp., Ridley Park Boro.

2 variable message signs, 7 closed circuit televisions, 10 detectors

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	400				
ROW	STATE			50		
CON	STATE				3,550	
Fiscal Year Total		400	0	50	3,550	0
		Total FY 01-04 Cost		4,000		

**TIP# 7901** *I-476*

**MPMS# 48170** US-1, Media Bypass to I-95

Intelligent Transportation System

AQ Code 2005O Marple, Springfield, Nether Providence, Ridley Twps.

6 variable message signs, 11 closed circuit televisions, loop application

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	800				
ROW	STATE			50		
CON	STATE				8,050	
Fiscal Year Total		800	0	50	8,050	0
		Total FY 01-04 Cost		8,900		

**TIP# 7902** *Sidewalks and Trail*

**MPMS# 50520** Turner Rd./Rogers Lane/Possum Hollow Rd.

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	34				
CON	TE			344		
Fiscal Year Total		34	0	344	0	0
		Total FY 01-04 Cost		378		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

**TIP# 7903** *Aston Bike Loop*

**MPMS# 57402** Pennell, Concord, & Dutton Mill Rds.

Bicycle lanes and sidewalks

AQ Code X Aston Twp.

Pennell Rd. from Dutton Mill Rd. to Concord Rd. Concord Rd. from Pennell Rd. to Dutton Mill Rd. Dutton Mill Rd. from Concord Rd. to Pennell Rd.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
DES	CMAQ				
DES	LOCAL				
ROW	CMAQ				
ROW	LOCAL				
CON	CMAQ				
CON	LOCAL				

Fiscal Year Total 0 0 0 0 0

Total FY 01-04 Cost 0

**TIP# 7904** *Oakland Road Corridor*

**MPMS# 61695** 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 2001	FY 2002	FY 2003	FY 2004
DES	LOCAL	2			
PE	LOCAL	5			
ROW	LOCAL			375	
ROW	TE			500	

Fiscal Year Total 7 0 875 0 0

Total FY 01-04 Cost 882

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

TIP# 7905 *Media Downtown Streetscape*

MPMS# 61701

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	109				
CON	LOCAL				198	
CON	TE				1,041	
Fiscal Year Total		109	0	0	1,239	0
		Total FY 01-04 Cost			1,348	

TIP# 7906 *Wayne Train Station Renovation*

MPMS# 61702

AQ Code X Radnor Twp.

Renovation of active train station.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL	462				
CON	TTE	538				
Fiscal Year Total		1,000	0	0	0	0
		Total FY 01-04 Cost			1,000	

TIP# 7907 *Intermodal Transportation Improvements*

MPMS# 61703

Swarthmore Boro.

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	80				
ROW	LOCAL			70		
ROW	TE			280		
CON	LOCAL				330	
CON	TE				570	
Fiscal Year Total		80	0	350	900	0
		Total FY 01-04 Cost			1,330	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7908** *Baltimore Ave./Pike*

**MPMS# 57750** 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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	168				
CON	CMAQ			660		
Fiscal Year Total		168	0	660	0	0
		Total FY 01-04 Cost			828	

**TIP# 7909** *State Rd. from Rt. 3, West Chester Pike*

**MPMS# 57756** 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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	35				
CON	CMAQ			318		
Fiscal Year Total		35	0	318	0	0
		Total FY 01-04 Cost			353	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

TIP# 7910 Morton Ave.

MPMS# 57757 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 2001	FY 2002	FY 2003	FY 2004	
DES	HWY		120			
DES	LOCAL		30			
ROW	HWY				160	
ROW	LOCAL				40	
CON	HWY					640
CON	LOCAL					160
Fiscal Year Total		0	150	0	200	800
			Total FY 01-04 Cost		350	

TIP# 7911 Grant Ave.

MPMS# 57770 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	BR			280		
DES	LOCAL			17		
DES	STATE			53		
ROW	BR			16		
ROW	LOCAL			1		
ROW	STATE			3		
CON	BR					896
CON	LOCAL					56
CON	STATE					168
Fiscal Year Total		0	0	370	0	1,120
			Total FY 01-04 Cost		370	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

TIP# 7912 Convent Rd.

MPMS# 57772 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR			320		
DES	LOCAL			20		
DES	STATE			60		
ROW	BR			40		
ROW	LOCAL			2		
ROW	STATE			8		
CON	BR					1,360
CON	LOCAL					85
CON	STATE					255
Fiscal Year Total		0	0	450	0	1,700
Total FY 01-04 Cost					450	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

TIP# 7913 *Lloyd St.*

MPMS# 57773 over Amtrak, btw. 5th & 6th Streets

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	BR		200			
PE	LOCAL		13			
PE	STATE		38			
DES	BR				320	
DES	LOCAL				20	
DES	STATE				60	
CON	BR					3,200
CON	LOCAL					200
CON	STATE					600
ROW	BR					800
ROW	LOCAL					50
ROW	STATE					150
Fiscal Year Total		0	251	0	400	5,000
			Total FY 01-04 Cost		651	

TIP# 7914 *Concord Twp. Closed Loop System*

MPMS# 57778

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	100				
CON	CMAQ			400		
Fiscal Year Total		100	0	400	0	0
			Total FY 01-04 Cost		500	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

TIP# 7915 *Chester City Access Improvements*

MPMS# 57780 btw. I-95 and PA 291

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 2001	FY 2002	FY 2003	FY 2004	
PE	HWY		1,200			
PE	STATE		300			
CON	HWY					16,000
CON	STATE					4,000
DES	HWY					1,120
DES	STATE					280
ROW	HWY					800
ROW	STATE					200
Fiscal Year Total		0	1,500	0	0	22,400
		Total FY 01-04 Cost		1,500		

TIP# 7916 *Old West Chester Pike*

MPMS# 57740 over Darby Creek

AQ Code X Bridge Replacement  
Haverford Twp., Marple Twp.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	STATE	200				
PE	STATE	75				
CON	STATE		200			
ROW	STATE				10	
CON	STATE					1,000
Fiscal Year Total		275	200	0	10	1,000
		Total FY 01-04 Cost		485		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Delaware

**TIP# 7917** *I-476, southbound*

**MPMS# 51219** Marple Rd. to Bryn Mawr Ave.

Noise Walls

AQ Code X Radnor Twp., Haverford Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	ST-SP	4,743			

Fiscal Year Total	4,743	0	0	0	0
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Total FY 01-04 Cost 4,743

**TIP# 7919** *Chester City CBD Improvements*

**MPMS# 64654** Central Business District

AQ Code X Chester City

This project provides for traffic circulation improvements within the Central Business District of Chester City. Some of the elements include intersection rehabilitation, new pavement markings, signage, and lighting.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	LOCAL		935		
ENG	LOCAL		185		

Fiscal Year Total	0	1,120	0	0	0
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Total FY 01-04 Cost 1,120

**TIP# 7920** *Chester Waterfront Develop. Streetscape*

**MPMS# 0** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	DEMO		900		
ENG	DEMO		100		

Fiscal Year Total	0	1,000	0	0	0
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Total FY 01-04 Cost 1,000

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Delaware

TIP# 7921 *Chester Exit 6 (I-95) Streetscape Improv*

MPMS# 65128

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	DEMO		315			
CON	LOCAL		79			
ENG	DEMO		35			
ENG	LOCAL		9			
Fiscal Year Total		0	438	0	0	0
			Total FY 01-04 Cost		438	
Total for Delaware		16,090	25,089	47,591	22,773	122,465
			Total FY 01-04 Cost		111,543	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Montgomery

TIP# 8369 Blair Mill Rd.

MPMS# 16114 County Line Rd. to PA 63, Welsh Rd.

064C035 Widen, Intersection Improvements

AQ Code 2015/20 Horsham, Upper Moreland, Upper Dublin Twps.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	STATE		137			
PE	STU		413			
CON	HWY					14,400
CON	STATE					3,600
DES	STATE					358
DES	STU					1,074
ROW	HWY					1,600
ROW	STATE					400
Fiscal Year Total		0	550	0	0	21,432
			Total FY 01-04 Cost		550	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8382A US 202 (SECTION 400), GULPH RD. TO

MPMS# 16210 WARNER RD. AND I-76 (see #6799)

064C202 WIDENING AND ACCESS IMPROVEMENTS

AQ Code 2002M Upper Merion 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	HWY	10,196				
DES	STATE	2,549				
UTIL	HWY	9,222				
UTIL	STATE	2,305				
CON	HWY		560			
CON	STATE		140			
DES	HWY		4,000			
DES	STATE		1,000			
CON	HWY			12,000		
CON	STATE			3,000		
CON	HWY				16,000	
CON	STATE				4,000	
Fiscal Year Total		24,272	5,700	15,000	20,000	0
			Total FY 01-04 Cost		64,972	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8382B US 202 (SEC. 403) & US 422 RAMP TO I-76

MPMS# 16487

064C202A

AQ Code T2005M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	HWY		2,160			
CON	HWY		11,200			
CON	STATE		2,800			
CON	STATE		540			
Fiscal Year Total		0	16,700	0	0	0
			Total FY 01-04 Cost		16,700	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8382C US 202 (SEC. 405)

MPMS# 16732 FROM I-76 TO CONRAIL BRIDGE

064C204

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	HWY	2,400				
CON	STATE	600				
CON	HWY		13,600			
CON	LOCAL		1,773			
CON	STATE		6,521			
CON	HWY			19,125		
CON	STATE			4,781		
Fiscal Year Total		3,000	21,894	23,906	0	0
			Total FY 01-04 Cost		48,800	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8382E US 202 (SEC. 404)/ US 422 INTERCHANGE

MPMS# 16733

064C205

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	HWY	9,261				
CON	STATE	2,315				
CON	HWY		16,000			
CON	STATE		4,000			
ROW	HWY		412			
CON	HWY			16,000		
CON	STATE			4,000		
CON	HWY				18,534	
CON	STATE				5,568	
Fiscal Year Total		11,576	20,412	20,000	24,102	0
			Total FY 01-04 Cost		76,090	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8408 DRESHER ROAD**

**MPMS# 16299** HORSHAM ROAD (PA 463) TO PA 63 WELSH RD

064L072 WIDENING TO 48 FEET, ADD A LANE BY DIREC

AQ Code 2002M Horsham Twp.

The existing road width varies between two, three, and four lanes. The project consists of drainage improvements and widening the roadway to four lanes throughout, with 5' shoulders/bike lanes.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL	460				
CON	LOCAL		1,950			
CON	STU		4,800			
Fiscal Year Total		<b>460</b>	<b>6,750</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>7,210</b>		

**TIP# 8427 SALFORDVILLE ROAD**

**MPMS# 15793** OVER EAST BRANCH OF PERKIOMEN CREEK

064C086 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 Groffs Mill Rd. intersection.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	STATE	200				
ROW	STATE		150			
CON	STATE					1,400
Fiscal Year Total		<b>200</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>1,400</b>
		<b>Total FY 01-04 Cost</b>		<b>350</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8434** **CAMP ROAD**

**MPMS# 16099** OVER EAST BRANCH OF PERKIOMEN CREEK

064C087 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	120				
ROW	STATE	30				
CON	BR					1,120
CON	STATE					280
Fiscal Year Total		150	0	0	0	1,400
		Total FY 01-04 Cost			150	

**TIP# 8436** **GREENWOOD AVENUE**

**MPMS# 16197** OVER SEPTA COMMUTER RAIL MAINLINE

064C089 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR			520		
ROW	STATE			130		
CON	BR					2,640
CON	STATE					660
Fiscal Year Total		0	0	650	0	3,300
		Total FY 01-04 Cost			650	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8446** **SPRING MOUNT ROAD**  
**MPMS# 16098** OVER PERKIOMEN CREEK  
064C081 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	60				
ROW	STATE	15				
CON	BR			1,280		
CON	STATE			320		
Fiscal Year Total		75	0	1,600	0	0
		Total FY 01-04 Cost		1,675		

**TIP# 8451** **CONSHOHOCKEN ROAD**  
**MPMS# 16237** OVER CONRAIL  
064C090 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR			4,480		
CON	STATE			1,120		
Fiscal Year Total		0	0	5,600	0	0
		Total FY 01-04 Cost		5,600		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Montgomery

TIP# 8475 CHURCH ROAD

MPMS# 16155 OVER AMTRAK & SEPTA R5 RAIL LINE

064L076 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR		2,400			
ROW	LOCAL		150			
ROW	STATE		450			
CON	BR					1,884
CON	LOCAL					118
CON	STATE					353
Fiscal Year Total		0	3,000	0	0	2,355
		Total FY 01-04 Cost		3,000		

TIP# 8518 US 30, LANCASTER AVENUE

MPMS# 16335 AT HAVERFORD STATION ROAD

064S503N INTERSECTION IMPROVEMENT

AQ Code X Lower Merion Twp.

Modernize the traffic signal and add a left turn lane on eastbound US 30.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	HWY				460	
CON	STATE				115	
Fiscal Year Total		0	0	0	575	0
		Total FY 01-04 Cost		575		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8519 PA 73, CHURCH ROAD**

**MPMS# 16334** GREENWOOD AVE. TO RICE'S MILL RD.

064S504N 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY	416				
DES	STATE	104				
ROW	HWY	80				
ROW	STATE	20				
CON	HWY					969
CON	STATE					243
Fiscal Year Total		620	0	0	0	1,212
		Total FY 01-04 Cost			620	

**TIP# 8525 BRIDGE ROAD**

**MPMS# 15772** OVER SKIPPACK CREEK

064C085 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR					960
CON	STATE					240
Fiscal Year Total		0	0	0	0	1,200
		Total FY 01-04 Cost			0	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8528** **MERION AVENUE**

**MPMS# 16180** OVER AMTRAK & SEPTA R5 RAIL LINE

064L078 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR		1,600			
ROW	LOCAL		100			
ROW	STATE		300			
CON	BR					1,760
CON	LOCAL					110
CON	STATE					330
Fiscal Year Total		0	2,000	0	0	2,200
		Total FY 01-04 Cost		2,000		

**TIP# 8537** **US 202, DEKALB PIKE (SECTION 610)**

**MPMS# 50364** JOHNSON HIGHWAY TO MORRIS RD.

064C076 WIDEN TO FOUR LANES

AQ Code 2015/20 Whitpain Twp., E. Norriton Twp., Norristown Boro.

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 600 are from Johnson Highway to PA 309.

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	DEMO			3,558		
ROW	HWY			1,242		
ROW	STATE			1,200		
CON	HWY					35,200
CON	STATE					8,800
ROW	HWY					4,800
ROW	STATE					1,200
Fiscal Year Total		0	0	6,000	0	50,000
		Total FY 01-04 Cost		6,000		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8551 MORRIS ROAD**

**MPMS# 16376** AT NORTH WALES ROAD

064S8302 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY		144			
DES	STATE		48			
ROW	HWY		240			
ROW	STATE		60			
CON	HWY			920		
CON	STATE			230		
Fiscal Year Total		0	492	1,150	0	0
		Total FY 01-04 Cost		1,642		

**TIP# 8560 PA-29**

**MPMS# 16382** at 1st Ave. and 2nd Ave.

064L309 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO	240				
DES	STATE	60				
ROW	DEMO	255				
ROW	HWY	545				
ROW	STATE	200				
CON	HWY			960		
CON	STATE			240		
Fiscal Year Total		1,300	0	1,200	0	0
		Total FY 01-04 Cost		2,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8572A PA 309, FT. WASHINGTON EXPRESSWAY

MPMS# 16479 GREENWOOD AVE. TO CHURCH RD.

064M5402 RECONSTRUCTION

AQ Code X 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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	800				
DES	HWY	2,000				
DES	STATE	700				
ROW	HWY	2,000				
ROW	STATE	500				
CON	DEMO			13,588		
CON	DEMO			3,200		
CON	DEMO			2,000		
CON	STATE			4,197		
CON	STATE			500		
CON	HWY					20,652
CON	STATE					5,163
Fiscal Year Total		6,000	0	23,485	0	25,815
		Total FY 01-04 Cost		29,485		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8572C PA 309, FT. WASHINGTON EXPRESSWAY**

**MPMS# 16477** WELSH RD. TO HIGHLAND AVE.

064M5401 RECONSTRUCTION

AQ Code X 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	560				
DES	HWY	1,800				
DES	STATE	590				
ROW	HWY	1,920				
ROW	STATE	480				
CON	DEMO			1,360		
CON	HWY			8,000		
CON	STATE			2,340		
CON	HWY				18,400	
CON	STATE				4,600	
CON	HWY					16,000
CON	STATE					4,000
Fiscal Year Total		5,350	0	11,700	23,000	20,000
		Total FY 01-04 Cost		40,050		

**TIP# 8586 PENNSYLVANIA AVENUE**

**MPMS# 16433** AT CAMP HILL ROAD

064M012A 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 2001	FY 2002	FY 2003	FY 2004	
ENG	STATE	75				
ENG	STU	225				
CON	STATE					700
CON	STU					2,800
ROW	STATE					138
ROW	STU					552
Fiscal Year Total		300	0	0	0	4,190
		Total FY 01-04 Cost		300		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8590 NORTH PENN INTERSECTION IMPROVEMENTS

MPMS# 16428 GROUP 1

064S004L

AQ Code X Hatfield Twp., Montgomery Twp.

- US 202 at PA 463, Horsham Rd., and PA 309 (Five Points): add right turn lane on westbound Horsham Rd.  
- PA 463, Cowpath Rd. at Orvilla Rd.: add right turn lane on southbound Orvilla Rd. and widen northbound Orvilla Rd. for left turn lane

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	HWY	528				
CON	STATE	132				
CON	HWY		115			
Fiscal Year Total		660	115	0	0	0
		Total FY 01-04 Cost		775		

TIP# 8591 NORTH PENN INTERSECTION IMPROVEMENTS

MPMS# 16429 GROUP 2

064S005L

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 2001	FY 2002	FY 2003	FY 2004	
CON	HWY	460				
CON	STATE	115				
Fiscal Year Total		575	0	0	0	0
		Total FY 01-04 Cost		575		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8599A PA 309, FT. WASHINGTON INTERCHANGE

MPMS# 16476 CHURCH RD. TO HIGHLAND AVE.

064M5400 RECONSTRUCTION

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 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 and lengthening the bridges carrying Norfolk Southern's Morrisville Line and the PA Turnpike Mainline bridge over PA 309. The project also includes ITS components.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	800				
DES	HWY	4,800				
DES	STATE	1,400				
ROW	HWY	4,812				
ROW	STATE	1,188				
DES	DEMO		4,080			
DES	STATE		1,020			
CON	HWY			26,440		
CON	STATE			4,860		
CON	HWY				12,000	
CON	STATE				3,000	
Fiscal Year Total		13,000	5,100	31,300	15,000	0
		Total FY 01-04 Cost		64,400		

TIP# 8599B PA 309, Ft. Washington Interchange

MPMS# 50526 Church Rd. to Highland Ave.

Replace Overhead Structures

AQ Code X Upper Dublin Twp., Whitemarsh Twp.

Replace three bridges (Madison Ave., Summit Ave., and PA Turnpike) over PA 309.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	HWY	4,800				
CON	STATE	1,200				
CON	HWY		7,882			
CON	STATE		1,971			
Fiscal Year Total		6,000	9,853	0	0	0
		Total FY 01-04 Cost		15,853		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8601A** **OLD BETZWOOD BRIDGE**  
**MPMS# 16489** OVER SCHUYLKILL RIVER  
064C078 BRIDGE REPLACEMENT  
AQ Code 2005M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	160				
ROW	STATE	40				
DES	BR		261			
DES	BR		446			
CON	BR					5,440
CON	STATE					1,360
Fiscal Year Total		200	707	0	0	6,800
		Total FY 01-04 Cost				907

**TIP# 8601B** **OLD BETZWOOD BRIDGE BIKE/PED. TRAIL(C047)**

**MPMS# 16703** PA 23 TO PA 422/PA 363 INTERCHANGE  
064S022Q WIDEN REPLACEMENT BR., 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 (TIP #8601A). 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	16				
ROW	STATE	4				
CON	BR					640
CON	STATE					160
Fiscal Year Total		20	0	0	0	800
		Total FY 01-04 Cost				20

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8610** **PA 309, BETHLEHEM PIKE**  
**MPMS# 16555** PA 463 (5 POINTS) TO NORTH WALES RD.  
064S204C CORRIDOR IMPROVEMENT  
AQ Code 2002M Montgomery Twp.

Widen to accommodate a center left turn lane.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	CMAQ	402				
ROW	STATE	100				
CON	CMAQ		460			
CON	STATE		115			
Fiscal Year Total		502	575	0	0	0
		Total FY 01-04 Cost		1,077		

**TIP# 8611** **PA 309, BETHLEHEM PIKE**  
**MPMS# 16556** SELLERSVILLE BYPASS TO PA 463  
064S205C CORRIDOR IMPROVEMENT  
AQ Code 2005M Hilltown Twp., Hatfield Twp., Montgomery Twp.

Widen to accommodate a center left turn lane.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE		1,460			
CON	STU		5,840			
ENG	STATE		14			
ENG	STU		56			
Fiscal Year Total		0	7,370	0	0	0
		Total FY 01-04 Cost		7,370		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8617** **GERMANTOWN PIKE**

**MPMS# 16519** SANDY HILL ROAD TO LAUNFALL ROAD

064S224M SIGNAL IMPROVEMENT & LEFT TURN LANES

AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004	
ENG	STATE		8			
ENG	STU		30			
CON	STATE					276
CON	STU					1,104
Fiscal Year Total		0	38	0	0	1,380
		Total FY 01-04 Cost			38	

**TIP# 8624** **RIDGE PIKE**

**MPMS# 16577** BUTLER PIKE TO PHILADELPHIA LINE

064L821 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 2001	FY 2002	FY 2003	FY 2004	
ROW	HWY			400		
ROW	LOCAL			100		
CON	HWY					4,000
CON	LOCAL					1,000
Fiscal Year Total		0	0	500	0	5,000
		Total FY 01-04 Cost			500	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8633B SUMNEYTOWN PIKE**

**MPMS# 16578** SUPPLEE RD. TO WEST POINT PIKE

INTERSECTION IMPROVEMENT, WIDENING

AQ Code 2005M Upper Gwynedd Twp.

This portion of the project involves widening Sumneytown Pike to 4 or 5 lanes and replacing the rail overpass to accommodate the widening. This improvement is a partnership project with Merck.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	LOCAL	150				
ROW	STU	600				
CON	LOCAL			1,200		
CON	STU			4,800		
Fiscal Year Total		750	0	6,000	0	0
		Total FY 01-04 Cost		6,750		

**TIP# 8634 PA 363, Valley Forge Rd.**

**MPMS# 16565** at Sumneytown Pike

064L829 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 2001	FY 2002	FY 2003	FY 2004	
CON	HWY				7,200	
CON	STATE				1,800	
Fiscal Year Total		0	0	0	9,000	0
		Total FY 01-04 Cost		9,000		

**TIP# 8657 PA 73 (BIG RD.)**

**MPMS# 16534** AT SWAMP PIKE AND GILBERTSVILLE RD.

064S006L 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 2001	FY 2002	FY 2003	FY 2004	
CON	185		91			
CON	HWY		364			
Fiscal Year Total		0	455	0	0	0
		Total FY 01-04 Cost		455		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8660 PA 363, TROOPER ROAD**

**MPMS# 16669** AT US 422 OFF RAMP

064S4101 SIGNALIZATION & RAMP MODIFICATION

AQ Code X Lower Providence Twp., West Norriton Twp.

Widen the US 422 westbound off ramp at PA 363 and install a traffic signal.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE		60			
CON	STU		240			
Fiscal Year Total		0	300	0	0	0
Total FY 01-04 Cost					300	

**TIP# 8661 PA 23 AT OLD BETZWOOD BRIDGE**

**MPMS# 16490** INTERSECTION IMPROVEMENTS

064S4100

AQ Code X Upper Merion Twp.

Install a traffic signal at the intersection of Trooper Rd. and PA 23, add a left turn lane on eastbound Trooper Rd. at PA 23, upgrade the traffic signal at PA 23 and Outer Line Dr., and add a left turn lane on eastbound PA 23 at Outer Line Dr.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	STATE					100
CON	STU					400
Fiscal Year Total		0	0	0	0	500
Total FY 01-04 Cost					0	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8670** **FRUITVILLE ROAD**

**MPMS# 16408** OVER PERKIOMEN CREEK

064L094 BRIDGE REPLACEMENT (#232)

AQ Code X Upper Hanover Twp.

The existing bridge will be maintained by Upper Hanover Township for recreational use.  
The new bridge will be constructed on a different alignment (location to be determined) and will have two lanes with shoulders.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR				160	
ROW	LOCAL				10	
ROW	STATE				30	
CON	BR					2,000
CON	LOCAL					125
CON	STATE					375
Fiscal Year Total		0	0	0	200	2,500
Total FY 01-04 Cost					200	

**TIP# 8672** **ARCOLA ROAD**

**MPMS# 16400** OVER PERKIOMEN CREEK

064L092 BRIDGE REPLACEMENT (#155)

AQ Code X Lower Providence Twp., Upper Providence Twp.

The existing bridge is 26' wide with sidewalk on the south side. The new bridge will be two lanes, width to be determined, with sidewalk on at least one side.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR				160	
ROW	LOCAL				10	
ROW	STATE				30	
CON	BR					2,400
CON	LOCAL					150
CON	STATE					450
Fiscal Year Total		0	0	0	200	3,000
Total FY 01-04 Cost					200	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8675** **PENNSYLVANIA AVENUE**  
**MPMS# 16423** OVER SEPTA R5-DOYLESTOWN LINE  
064L104 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR		1,646			
CON	LOCAL		103			
CON	STATE		309			
UTIL	BR		160			
UTIL	LOCAL		10			
UTIL	STATE		30			
Fiscal Year Total		0	2,258	0	0	0
		Total FY 01-04 Cost		2,258		

**TIP# 8682** **HIMMELWRIGHT ROAD**  
**MPMS# 16399** OVER BRANCH OF PERKIOMEN CREEK  
064L099 BRIDGE REPLACEMENT (#92)  
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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR					800
CON	LOCAL					200
Fiscal Year Total		0	0	0	0	1,000
		Total FY 01-04 Cost		0		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8684 COLONIAL ROAD**  
**MPMS# 16176** OVER SWAMP CREEK  
064L087 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR				80	
ROW	LOCAL				20	
CON	BR					800
CON	LOCAL					200
Fiscal Year Total		0	0	0	100	1,000
Total FY 01-04 Cost					100	

**TIP# 8685 SWAMP CREEK ROAD**  
**MPMS# 16147** OVER SWAMP CREEK  
064L086 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR	600				
CON	LOCAL	37				
CON	STATE	113				
Fiscal Year Total		750	0	0	0	0
Total FY 01-04 Cost					750	

**TIP# 8686 CEDAR HILL ROAD**  
**MPMS# 16548** OVER PARK CREEK  
064L101 BRIDGE REPLACEMENT (#120)  
AQ Code X Horsham Twp.

This project involves replacing the existing one lane, 15' wide bridge with a 32' wide bridge and improving its horizontal alignment.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL		100			
CON	STATE		560			
Fiscal Year Total		0	660	0	0	0
Total FY 01-04 Cost					660	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8687**      **ROBERTS ROAD**

**MPMS# 16157**      OVER SKIPPACK CREEK

064L097      BRIDGE REPLACEMENT (#145)

AQ Code X      Lower Salford Twp.

The existing 11' wide bridge will be replaced with a minimum 24' wide bridge, with no shoulders or sidewalks.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL				10	
CON	BR					800
CON	LOCAL					50
CON	STATE					150
Fiscal Year Total		0	0	0	10	1,000
Total FY 01-04 Cost					10	

**TIP# 8688**      **HEDRICK ROAD**

**MPMS# 16151**      OVER TOWAMENCIN CREEK

064L098      BRIDGE REPLACEMENT (#217)

AQ Code X      Towamencin Twp.

The existing 20' wide bridge is currently closed to traffic. The new bridge will be at least 24' wide, with two lanes and shoulders.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL			10		
CON	BR					640
CON	LOCAL					40
CON	STATE					120
Fiscal Year Total		0	0	10	0	800
Total FY 01-04 Cost					10	

**TIP# 8690**      **GLENSIDE AVENUE**

**MPMS# 15999**      OVER TACONY CREEK

064L004      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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL					380
CON	STATE					1,195
Fiscal Year Total		0	0	0	0	1,575
Total FY 01-04 Cost					0	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8695 RIVER ROAD

MPMS# 16267 OVER MILL CREEK

064L107 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 2001	FY 2002	FY 2003	FY 2004
ENG	STATE		73		
ROW	LOCAL		4		
ROW	STATE		16		
CON	BR			736	
CON	LOCAL			46	
CON	STATE			138	

Fiscal Year Total	0	93	920	0	0
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Total FY 01-04 Cost	1,013
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TIP# 8699 MAIN, MARKLEY, AND DEKALB STREETS (C031)

MPMS# 16701 FOREST-FORD, MAIN-JOHNSON, LAFAYETTE-

064S009Q JOHNSON SIGNAL COORDINATION & INTERCON.

AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004
CON	CMAQ		1,400		

Fiscal Year Total	0	1,400	0	0	0
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Total FY 01-04 Cost	1,400
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8700** **CROSS COUNTY TRAIL, PHASE I (C035)**  
**MPMS# 16706** PLYMOUTH MEETING TO BRYN ATHYN  
064S031Q MULTIPURPOSE TRAIL DEVELOPMENT  
AQ Code X Plymouth, Whitmarsh, 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	CMAQ		598			
ENG	LOCAL		150			
CON	CMAQ					2,400
CON	LOCAL					600
ROW	CMAQ					500
ROW	LOCAL					125
Fiscal Year Total		0	748	0	0	3,625
		Total FY 01-04 Cost		748		

**TIP# 8701** **CHESTER VALLEY TRAIL EXTENSION (C036)**  
**MPMS# 16705** CHESTER COUNTY LINE TO NORRISTOWN  
064S030Q TRAIL DEVELOPMENT AND ENHANCEMENTS  
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. This project is part of a larger effort to provide a cross-county trail from Chester County to Bucks County.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	CMAQ		535			
ENG	LOCAL		134			
ROW	CMAQ			500		
ROW	LOCAL			125		
CON	CMAQ					3,120
CON	LOCAL					780
Fiscal Year Total		0	669	625	0	3,900
		Total FY 01-04 Cost		1,294		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8703 SCHUYLKILL TRAIL

MPMS# 16694 PERKIOMEN CREEK TO PA 29

064H4N07 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 miles 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 2001	FY 2002	FY 2003	FY 2004	
ROW	CMAQ			90		
ROW	LOCAL			23		
CON	CMAQ				800	
CON	LOCAL				200	
Fiscal Year Total		0	0	113	1,000	0
Total FY 01-04 Cost					1,113	

TIP# 8714 PA 320

MPMS# 16599 UPPER GULPH ROAD TO ARDEN ROAD

064M015A 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 2001	FY 2002	FY 2003	FY 2004	
DES	ST187	200				
CON	STATE					2,000
Fiscal Year Total		200	0	0	0	2,000
Total FY 01-04 Cost					200	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8719 MORRIS ROAD**

**MPMS# 16174** OVER SKIPPACK CREEK

064L023 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 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL		100		
CON	STATE		400		

Fiscal Year Total 0 500 0 0 0

Total FY 01-04 Cost 500

**TIP# 8720 DELAWARE AVENUE BRIDGE**

**MPMS# 16256** NEAR VIRGINIA AVE.

064L073 BRIDGE REPLACEMENT

AQ Code X Upper Dublin Twp.

The existing bridge is 24' wide with sidewalk on one side. The new bridge, probably on a new alignment, will be 24' wide, with shoulders, curbs, and a 4' wide sidewalk on one side.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL		53		
CON	STATE		211		

Fiscal Year Total 0 264 0 0 0

Total FY 01-04 Cost 264

**TIP# 8721 SANATOGA STATION ROAD**

**MPMS# 16266** OVER SPROGELS RUN

064L090 BRIDGE REPLACEMENT

AQ Code X Lower Pottsgrove Twp.

Replace the existing one and a half lane, 15' wide bridge with a two lane bridge on the same alignment.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	BR	487			
CON	STATE	91			

Fiscal Year Total 578 0 0 0 0

Total FY 01-04 Cost 578



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8723** **NORTH WALES ROAD**

**MPMS# 16289** OVER STONEY CREEK, NORTH OF YOST ROAD

064L081 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 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL	100			
CON	STATE	400			

Fiscal Year Total 500 0 0 0 0

Total FY 01-04 Cost 500

**TIP# 8725** **MCLEAN STATION ROAD**

**MPMS# 16403** OVER MACOBY CREEK

064L083 BRIDGE REPLACEMENT

AQ Code X Marlboro Twp.

The existing 15' wide bridge, located in a golf course, is currently closed to traffic. It will be replaced with a two lane bridge (width to be determined), with a golf cart path, sidewalk, and a trail type shoulder.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL	160			
CON	STATE	640			

Fiscal Year Total 800 0 0 0 0

Total FY 01-04 Cost 800

**TIP# 8726** **METZ ROAD**

**MPMS# 16406** OVER TOWAMENCIN CREEK

064L080 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 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL	140			
CON	STATE	560			

Fiscal Year Total 700 0 0 0 0

Total FY 01-04 Cost 700

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8727 BELVOIR ROAD

MPMS# 16546 OVER SAW MILL RUN

064L093 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 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL	150				
CON	STATE	598				
Fiscal Year Total		748	0	0	0	0
		Total FY 01-04 Cost		748		

TIP# 8729 US 202 (SECTION 701), PA 63 TO PA 463

MPMS# 16731 (CONST. FROM PA 63 TO PA 309)

064C203 FOUR LANE DIVIDED RELOCATION

AQ Code 2015/20 Montgomery Twp., Upper Gwynedd Twp., Lower Gwynedd 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 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	HWY	1,446				
DES	STATE	362				
ROW	SPIKE		8,000			
ROW	STATE		2,000			
CON	SPIKE			5,200		
CON	STATE			1,300		
CON	HWY				2,400	
CON	SPIKE				10,800	
CON	STATE				3,300	
CON	HWY					67,200
CON	STATE					16,800
Fiscal Year Total		1,808	10,000	6,500	16,500	84,000
		Total FY 01-04 Cost		34,808		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8730 PA 463, HORSHAM ROAD**

**MPMS# 16446** PA 611, EASTON RD. - PA-152, LIMEKILN PK

064C094 WIDENING

AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004	
CON	STAT*		1,116			
CON	STU*		4,464			
Fiscal Year Total		0	5,580	0	0	0
		Total FY 01-04 Cost		5,580		

**TIP# 8731 PA 23, RIVER ROAD**

**MPMS# 16688** AT BALLIGOMINGO ROAD

064S599S 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 2001	FY 2002	FY 2003	FY 2004	
ROW	STATE		100			
ROW	STU		400			
CON	STATE				400	
CON	STU				1,600	
Fiscal Year Total		0	500	0	2,000	0
		Total FY 01-04 Cost		2,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8732 PENNSWOOD ROAD

MPMS# 16216 OVER AMTRAK & SEPTA R5 RAIL LINE

064L109 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ENG	LOCAL		94			
ENG	STATE		376			
CON	BR					3,400
CON	LOCAL					212
CON	STATE					638
ROW	BR					720
ROW	LOCAL					45
ROW	STATE					135
Fiscal Year Total		0	470	0	0	5,150
			Total FY 01-04 Cost	470		

TIP# 8733 SWAMP CREEK ROAD

MPMS# 16679 OVER UNAMI CREEK

064C095 BRIDGE REHABILITATION

AQ Code X Marlboro Twp.

The existing one lane bridge will be replaced with a two lane bridge. It is located in a historic district. Effort will be made to retain the stone arch.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	STATE		30			
CON	STATE					500
Fiscal Year Total		0	30	0	0	500
			Total FY 01-04 Cost	30		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8736 LEWIS ROAD**

**MPMS# 15624** RIDGE PIKE TO KNIGHTS ROAD

064S701C 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 2001	FY 2002	FY 2003	FY 2004	
ROW	STATE	50				
CON	STATE		800			
Fiscal Year Total		50	800	0	0	0
		Total FY 01-04 Cost		850		

**TIP# 8737 SWAMP ROAD**

**MPMS# 16741** AT PA 663

064S701S 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	STATE	120				
CON	STATE		950			
Fiscal Year Total		120	950	0	0	0
		Total FY 01-04 Cost		1,070		

**TIP# 8740 FAGLEYSVILLE RD.**

**MPMS# 16729** OVER WEST SWAMP CREEK

064C096 BRIDGE REHABILITATION

AQ Code X Upper Frederick Twp.

The existing two lane, 22' wide bridge is currently closed to traffic. The rehabilitated structure will have two lanes with minimal shoulders.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ENG	STATE	300				
CON	STATE		1,000			
ROW	STATE		50			
Fiscal Year Total		300	1,050	0	0	0
		Total FY 01-04 Cost		1,350		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8741 UNION AVE.

MPMS# 16248 OVER SEPTA R6, CYNWYD RAIL LINE

064L111 BRIDGE REPLACEMENT

AQ Code X Lower Merion Twp.

The scope of this bridge replacement project has yet to be determined.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	STATE		192			
ROW	LOCAL		50			
ROW	STATE		200			
CON	BR					1,600
CON	LOCAL					100
CON	STATE					300
Fiscal Year Total		0	442	0	0	2,000
Total FY 01-04 Cost					442	

TIP# 8742 Allentown Rd.

MPMS# 48418 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL	300				
CON	HWY			640		
CON	LOCAL			160		
Fiscal Year Total		300	0	800	0	0
Total FY 01-04 Cost					1,100	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8743 PA-23

MPMS# 48172 US 422 to US 202

Relocation

AQ Code 2015/20 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 2001	FY 2002	FY 2003	FY 2004	
PE	LOCAL	1,250				
PE	STATE		185			
DES	HWY					1,600
DES	STATE					400
ROW	HWY					4,000
ROW	STATE					1,000
CON	HWY					40,000
CON	STATE					10,000
Fiscal Year Total		1,250	185	0	0	57,000
		Total FY 01-04 Cost		1,435		

TIP# 8744 Traffic Signal Improvement Project

MPMS# 48173 Phase 3

AQ Code X Various Municipalities

Upgrade and modernize inadequate, outdated traffic signals throughout the County.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	HWY			1,000		
CON	LOCAL			1,000		
Fiscal Year Total		0	0	2,000	0	0
		Total FY 01-04 Cost		2,000		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8745** *I-76, Schuylkill Expressway*

**MPMS# 16211** at Henderson Rd.

Interchange Improvement

AQ Code 2015/20 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	600				
CON	HWY					5,200
CON	LOCAL					1,300
ROW	HWY					800
ROW	LOCAL					200
Fiscal Year Total		600	0	0	0	7,500
		Total FY 01-04 Cost		600		

**TIP# 8746** *Pottstown Area Signal System Upgrade*

**MPMS# 48186** Montgomery and Chester Counties

AQ Code 2005M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ	120				
ROW	CMAQ			20		
CON	CMAQ				950	
Fiscal Year Total		120	0	20	950	0
		Total FY 01-04 Cost		1,090		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8747 Henderson Rd.

MPMS# 48187 Shoemaker Rd. to PA Turnpike

Widening

AQ Code 2015/20 Upper Merion Twp.

Widen extremely congested two lane roadway to four lanes with intersection improvements.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	500				
ROW	HWY				400	
ROW	LOCAL				100	
CON	HWY					5,600
CON	LOCAL					1,400
Fiscal Year Total		500	0	0	500	7,000
		Total FY 01-04 Cost			1,000	

TIP# 8748 PA-113

MPMS# 16436 at Creamery Village

Relocation

AQ Code 2015/20 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO		200			
DES	STATE		50			
ROW	DEMO		40			
ROW	STATE		10			
CON	DEMO					2,268
CON	HWY					932
CON	STATE					800
Fiscal Year Total		0	300	0	0	4,000
		Total FY 01-04 Cost			300	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8749 PA 309 Connector Project**

**MPMS# 16438** PA 309 to PA 63, Sumneytown Pike

New/Upgraded Connector Roadway

**AQ Code 2015/20** 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PE	HWY	1,317				
PE	STATE	329				
DES	DEMO			1,888		
DES	STATE			472		
CON	DEMO					2,360
CON	HWY					5,640
CON	STATE					2,000
ROW	DEMO					800
ROW	STATE					200
Fiscal Year Total		<b>1,646</b>	<b>0</b>	<b>2,360</b>	<b>0</b>	<b>11,000</b>
		<b>Total FY 01-04 Cost</b>		<b>4,006</b>		

**TIP# 8750 PA-63, Welsh Rd.**

**MPMS# 48174** 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 2001	FY 2002	FY 2003	FY 2004	
DES	STATE	50				
DES	STU	200				
DES	STATE		30			
DES	STU		120			
CON	HWY					800
CON	STATE					200
ROW	HWY					400
ROW	STATE					100
Fiscal Year Total		<b>250</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>1,500</b>
		<b>Total FY 01-04 Cost</b>		<b>400</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8751 Ridge Pike**

**MPMS# 48175** Norristown Boro. Line to Butler Pike

Reconstruction

AQ Code X 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY	720				
DES	LOCAL	180				
ROW	HWY				240	
ROW	LOCAL				60	
CON	BR					4,800
CON	HWY					3,000
CON	LOCAL					1,300
Fiscal Year Total		900	0	0	300	9,100
		Total FY 01-04 Cost		1,200		

**TIP# 8752 Butler Pike**

**MPMS# 48176** at Flourtown Rd.

Relocation

AQ Code X Plymouth Twp., Whitmarsh Twp.

This intersection is extremely congested with a dog-leg intersection at Butler Pike and Flourtown Rd. and a tight 90 degree turn on Butler Pike. This improvement consists of relocating Flourtown Rd. to align with Plymouth Rd.; relocating Butler Pike to eliminate the 90 degree turn; and creating a new Butler Pike/Plymouth Rd./Flourtown Rd. intersection.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	300				
CON	HWY					800
CON	LOCAL					200
ROW	HWY					80
ROW	LOCAL					20
Fiscal Year Total		300	0	0	0	1,100
		Total FY 01-04 Cost		300		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Montgomery**

**TIP# 8753** *Knight Rd.*

**MPMS# 48620** over Green Lane Reservoir

064698203 Bridge Replacement

AQ Code X Upper Hanover Twp.

Bridge replacement including an 8 foot wide walkway.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	BR	80				
PE	LOCAL	5				
PE	STATE	15				
DES	BR			120		
DES	LOCAL			7		
DES	STATE			23		
CON	BR					960
CON	LOCAL					60
CON	STATE					180
Fiscal Year Total		100	0	150	0	1,200
		Total FY 01-04 Cost			250	

**TIP# 8754** *Main St.*

**MPMS# 16163** over Stony Creek

Bridge Rehabilitation

AQ Code X Norristown Boro.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	160				
DES	LOCAL	10				
DES	STATE	30				
ROW	BR				16	
ROW	LOCAL				1	
ROW	STATE				3	
CON	BR					800
CON	LOCAL					50
CON	STATE					150
Fiscal Year Total		200	0	0	20	1,000
		Total FY 01-04 Cost			220	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8755** *Walnut St.*

**MPMS# 48177** over Branch of Neshaminy Creek

Bridge Replacement

AQ Code X Hatfield Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	BR				380
CON	LOCAL				24
CON	STATE				71

Fiscal Year Total	0	0	0	475	0
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Total FY 01-04 Cost	475
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**TIP# 8756** *Grange Ave.*

**MPMS# 16411** over Branch of Skippack Creek

Bridge Replacement

AQ Code X Lower Providence Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	LOCAL	20			
CON	LOCAL				100
CON	STATE				400

Fiscal Year Total	20	0	0	500	0
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Total FY 01-04 Cost	520
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**TIP# 8757** *PA 463, Horsham Rd*

**MPMS# 48178** over Branch of Neshaminy Creek

Culvert Replacement, minor lane widening

AQ Code X Montgomery Twp.

Culvert replacement North of Stump Rd. Minor lane widening on sections between Stump Road and General Hancock Road.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	LOCAL	20			
CON	STATE		300		
CON	STU		1,200		
CON	BR				160
CON	STATE				40

Fiscal Year Total	20	1,500	0	200	0
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Total FY 01-04 Cost	1,720
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8758** *Upper Farm Rd.*

**MPMS# 16630** over Stony Creek

Bridge Replacement

AQ Code X West Norriton Twp.

High arch bridge.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL		40			
DES	STATE		160			
CON	LOCAL					200
CON	STATE					800
Fiscal Year Total		0	200	0	0	1,000
		Total FY 01-04 Cost		200		

**TIP# 8759** *Lower Farm Rd.*

**MPMS# 16631** over Stony Creek

Bridge Replacement

AQ Code X Norristown Boro.

Hospital bridge.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL		40			
DES	STATE		160			
CON	LOCAL					200
CON	STATE					800
Fiscal Year Total		0	200	0	0	1,000
		Total FY 01-04 Cost		200		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8760 US 202, Section 650

MPMS# 16755 Morris Rd. to PA 309

Reconstruction and Widening

AQ Code 2015/20 Montgomery, U. & L. Gwynedd, Whitpain Twps.

Reconstruct and widen the existing roadway to four lanes with turn lanes at intersections.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO*	810				
DES	DEMO*		855			
DES	STAT*		214			
ROW	DEMO		1,600			
ROW	STATE		400			
CON	DEMO				1,300	
CON	SPIKE				10,000	
CON	STATE				2,825	
CON	HWY					28,700
CON	STATE					7,175
Fiscal Year Total		810	3,069	0	14,125	35,875
			Total FY 01-04 Cost		18,004	

TIP# 8761 PA 29, Gravel Pike

MPMS# 16085 over Hosensack Creek

Bridge Replacement

AQ Code X Upper Hanover Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE		200			
ROW	STATE			50		
CON	STATE					800
Fiscal Year Total		0	200	50	0	800
			Total FY 01-04 Cost		250	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8762** *PA 29, Gravel Pike*  
**MPMS# 16086** over Branch of Perkiomen Creek  
Bridge Replacement  
AQ Code X Upper Hanover Twp.

TIP Program Years (\$ 000)						Later FYs
<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE		80			
ROW	STATE			50		
CON	STATE				400	
Fiscal Year Total		0	80	50	400	0
Total FY 01-04 Cost					530	

**TIP# 8763** *US 202 SB, Markley St.*  
**MPMS# 16665** Main St. to Johnson Highway  
Reconstruction, Signal Improvements  
AQ Code X Norristown Boro.

TIP Program Years (\$ 000)						Later FYs
<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY	800				
DES	STATE	200				
ROW	HWY			280		
ROW	STATE			70		
CON	HWY					4,800
CON	STATE					1,200
Fiscal Year Total		1,000	0	350	0	6,000
Total FY 01-04 Cost					1,350	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8764** *PA 63, Forty Foot Rd.*

**MPMS# 16742** Sumneytown Pike to Detwiler Rd.

064S800M 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	DEMO	1,500				
ROW	LOCAL	1,500				
CON	DEMO					2,370
CON	HWY					1,230
CON	STATE					900
Fiscal Year Total		<b>3,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,500</b>
		<b>Total FY 01-04 Cost</b>		<b>3,000</b>		

**TIP# 8765** *Main St.*

**MPMS# 15516** E. Montgomery Ave. - E. Prospect Ave.

064L833 Reconstruction

AQ Code X North Wales Boro.

This project consists of pavement reconstruction, restoration, and resurfacing; and  
drainage improvements.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL	360				
CON	STU	1,440				
Fiscal Year Total		<b>1,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>1,800</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8766 I-476

MPMS# 16737 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY	800				
DES	STATE	200				
DES	HWY			2,400		
DES	STATE			600		
CON	HWY					40,000
CON	STATE					10,000
ROW	HWY					800
ROW	STATE					200
Fiscal Year Total		1,000	0	3,000	0	51,000
		Total FY 01-04 Cost		4,000		

TIP# 8767 US 422

MPMS# 16738 Chester County to Park Rd.

064M4004 Reconstruction and Interchange Upgrades

AQ Code X Lower Pottsgrove Twp.

This project consists of base repair, overlay, and bridge deck and superstructure repair.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY	1,500				
DES	STATE	375				
PE	HWY		640			
PE	STATE		160			
CON	HWY					20,000
CON	STATE					5,000
ROW	HWY					800
ROW	STATE					200
Fiscal Year Total		1,875	800	0	0	26,000
		Total FY 01-04 Cost		2,675		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8768** *Fretz Rd.*

**MPMS# 16678** over Skippack Creek

Bridge Replacement

AQ Code X Lower Salford Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	250				
ROW	STATE			40		
CON	STATE					1,360
Fiscal Year Total		250	0	40	0	1,360
		Total FY 01-04 Cost		290		

**TIP# 8769** *Quarry Rd.*

**MPMS# 16372** over Skippack Creek

Bridge Replacement

AQ Code X Lower Salford Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	STATE	200				
ROW	STATE			50		
CON	STATE				750	
Fiscal Year Total		200	0	50	750	0
		Total FY 01-04 Cost		1,000		

**TIP# 8770** *US 202, Dekalb Pike*

**MPMS# 16190** over Norfolk Southern Railroad

Bridge Replacement

AQ Code X Bridgeport Boro.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR		480			
DES	STATE		120			
CON	BR					6,000
CON	STATE					1,500
ROW	BR					600
ROW	STATE					150
Fiscal Year Total		0	600	0	0	8,250
		Total FY 01-04 Cost		600		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8771** *Church Rd.*

**MPMS# 16396** over SEPTA NHSL, Route 100

Bridge Replacement

AQ Code X Upper Merion

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	LOCAL	15			
DES	BR		240		
DES	STATE		45		
ROW	BR			40	
ROW	LOCAL			2	
ROW	STATE			8	
CON	BR				1,200
CON	LOCAL				75
CON	STATE				225

Fiscal Year Total 15 285 50 0 1,500

Total FY 01-04 Cost 350

**TIP# 8772** *Towamencin Signal System Interconnection*

**MPMS# 48179**

AQ Code 2002M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	CMAQ		960		
UTIL	CMAQ		250		

Fiscal Year Total 0 1,210 0 0 0

Total FY 01-04 Cost 1,210

**TIP# 8773** *Montgomery Ave.*

**MPMS# 48180** US 1, City Ave. to Grays Lane

Closed Loop Signal System

AQ Code 2002M Lower Merion Twp.

Install closed loop signal system at 20 intersections.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	CMAQ		230		

Fiscal Year Total 0 230 0 0 0

Total FY 01-04 Cost 230

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8774** *Fitzwatertown Rd.*

**MPMS# 48181** at PA 63, Moreland Rd.

AQ Code X Intersection Improvement

Abington Twp., Upper Moreland Twp.

Widen for southbound right turn lane at PA 63, Moreland Rd.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	HWY	80			
DES	STATE	20			
ROW	HWY			40	
ROW	STATE			10	
CON	HWY				320
CON	STATE				80

Fiscal Year Total 100 0 50 0 400

Total FY 01-04 Cost 150

**TIP# 8775** *PA 611, Old York Rd.*

**MPMS# 48182**

AQ Code 2005M Corridor Optimization

Cheltenham Twp.

Corridor optimization of 10 signals and actuation of 2 side streets.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	LOCAL	30			
CON	CMAQ			200	

Fiscal Year Total 30 0 200 0 0

Total FY 01-04 Cost 230

**TIP# 8776** *US 422, Pottstown Expressway*

**MPMS# 48183** at PA 23, Valley Forge Rd.

AQ Code X Interchange Improvement

Upper Merion Twp.

Relocate westbound on and off ramps; new signalization; interconnect four signals.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
PE	STATE	200			
CON	HWY				2,400
CON	STATE				600
DES	STATE				500

Fiscal Year Total 200 0 0 0 3,500

Total FY 01-04 Cost 200

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8778 *Sandy Hill Rd.*

MPMS# 50578 at Belvoir Rd.

AQ Code X Intersection Improvement  
Plymouth Twp.

Provide left turn lanes on all approaches. Both roads are major collector routes to I-476 at the Plymouth Meeting and Ridge Pike Interchanges.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	LOCAL		100			
CON	HWY					240
CON	LOCAL					60
Fiscal Year Total		0	100	0	0	300
		Total FY 01-04 Cost		100		

TIP# 8779 *Fort Washington Transportation Impvts.*

MPMS# 46952 Bethlehem Pike and Pennsylvania Ave.

AQ Code X Upper Dublin Twp., Whitemarsh 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 2001	FY 2002	FY 2003	FY 2004	
ROW	DEMO		16			
ROW	LOCAL		4			
CON	DEMO				367	
CON	LOCAL				92	
Fiscal Year Total		0	20	0	459	0
		Total FY 01-04 Cost		479		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Montgomery

TIP# 8780 *Perkiomen Trail*

MPMS# 16585

AQ Code X

Various Municipalities

Construct 17 miles of the Perkiomen Trail

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO	240				
DES	LOCAL	60				
ROW	DEMO		250			
ROW	HWY		236			
ROW	LOCAL		120			
CON	HWY				1,440	
CON	LOCAL				360	
Fiscal Year Total		300	606	0	1,800	0
			Total FY 01-04 Cost		2,706	

TIP# 8781A *Towamencin Multi-Modal Trans. Center*

MPMS# 46951 PA-63/I-476 Lansdale Interchange

AQ Code 2005O

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	DEMO	500				
ENG	LOCAL	125				
CON	DEMO				2,972	
CON	LOCAL				6,278	
Fiscal Year Total		625	0	0	9,250	0
			Total FY 01-04 Cost		9,875	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8781B** *PA Turnpike Northeast Extension*

**MPMS# 57869** at Lansdale Interchange

Ramp Modification

AQ Code X Towamencin Twp.

New ramps are to be constructed from the PA Turnpike Northeast Extension to the proposed Towamencin transportation center and to Towamencin Avenue.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	700				
CON	DEMO					2,610
CON	PATPK					3,512
Fiscal Year Total		700	0	0	0	6,122
		Total FY 01-04 Cost		700		

**TIP# 8782** *Ardmore Streetscape Project*

**MPMS# 46950**

AQ Code X Lower Merion Twp.

Improvements on Crickett Terrace, Lancaster Ave., Station Ave., and Rittenhouse Place.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	DEMO		450			
CON	LOCAL		113			
Fiscal Year Total		0	563	0	0	0
		Total FY 01-04 Cost		563		

**TIP# 8783** *Abbey Trails*

**MPMS# 16756**

AQ Code X Abington Twp.

Create trail system linking Township and County parks.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	DEMO				450	
CON	LOCAL				113	
Fiscal Year Total		0	0	0	563	0
		Total FY 01-04 Cost		563		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8784 *Butler Pike/SEPTA Safety Improvements*

MPMS# 46953

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 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	11				
DES	LOCAL	3				
CON	DEMO			61		
CON	LOCAL			15		
Fiscal Year Total		14	0	76	0	0
Total FY 01-04 Cost					90	

TIP# 8785 *Valley Forge Historical Society Museum*

MPMS# 46954

AQ Code X

Upper Merion Twp.

Construct parking garage and driveway (location to be determined).

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	DEMO				3,000	
CON	LOCAL				750	
Fiscal Year Total		0	0	0	3,750	0
Total FY 01-04 Cost					3,750	

TIP# 8786 *US 422, Pottstown Expressway*

MPMS# 16740

over Schuylkill River

Bridge Deck Rehabilitation

AQ Code X

Lower Pottsgrove Twp.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	HWY		60			
ROW	STATE			10		
CON	STATE					400
Fiscal Year Total		0	60	10	0	400
Total FY 01-04 Cost					70	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8787** *US 202, Dannehower Bridge over*  
**MPMS# 16371** Schuylkill River & Norfolk Southern RR  
Bridge Deck Rehabilitation-2 structures  
AQ Code X Upper Merion Twp., Norristown Boro.

TIP Program Years (\$ 000)						Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	STATE			40		
CON	STATE					6,000
Fiscal Year Total		0	0	40	0	6,000
Total FY 01-04 Cost					40	

**TIP# 8791** *Freeman School Rd.*  
**MPMS# 16401** over East Branch of Perkiomen Creek  
Bridge Replacement  
AQ Code X Lower Salford Twp.

TIP Program Years (\$ 000)						Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL			400		
CON	STATE			1,600		
Fiscal Year Total		0	0	2,000	0	0
Total FY 01-04 Cost					2,000	

**TIP# 8792** *Mathers Road*  
**MPMS# 16409** over Wissahickon Creek  
Bridge Replacement  
AQ Code X Whitpain Twp.

TIP Program Years (\$ 000)						Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	LOCAL			20		
CON	LOCAL				160	
CON	STATE				640	
Fiscal Year Total		0	0	20	800	0
Total FY 01-04 Cost					820	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8793** *Bustard Road*

**MPMS# 49317** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	1,000				
ROW	LOCAL		300			
CON	BR					2,800
CON	STATE					700
Fiscal Year Total		<b>1,000</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>3,500</b>
		<b>Total FY 01-04 Cost</b>		<b>1,300</b>		

**TIP# 8795** *I-76, Schuylkill Expressway*

**MPMS# 48185** Belmont Ave. to Conshohocken Curve

Intelligent Transportation System

AQ Code 20050 Lower Merion Twp.

2 variable message signs, 7 closed circuit televisions, 8 detectors

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	CMAQ	240				
PE	STATE	60				
ROW	CMAQ	40				
ROW	STATE	10				
CON	CMAQ					2,120
CON	STATE					530
Fiscal Year Total		<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,650</b>
		<b>Total FY 01-04 Cost</b>		<b>350</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8796 *Schuylkill Navigation Lock 60*

MPMS# 50521 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 2001	FY 2002	FY 2003	FY 2004	
CON	STE		110			
ERC	TE		410			
Fiscal Year Total		0	520	0	0	0
Total FY 01-04 Cost					520	

TIP# 8797 *Fischer's Park Trail Restoration*

MPMS# 57286

AQ Code X Towamencin Twp.

This project will replace a portion of the ten foot wide Stone Dust Trail in Fischer's Park which is subject to frequent erosion with unit paver to eliminate the incidence of erosion and improve the safety of the users.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL	34				
ERC	RecTr			111		
Fiscal Year Total		34	0	111	0	0
Total FY 01-04 Cost					145	

TIP# 8798 *Pennypack Connector Trail*

MPMS# 57287 and Adjoining Universal Accessible Trail

AQ Code X Abington Twp.

Rehabilitation and protection of the connector trail between Montgomery County's Lorimer Park and Philadelphia's Pennypack Park (including Fox Chase Farm School), while improving an adjacent universal accessible trail.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL	14				
ERC	RecTr			30		
Fiscal Year Total		14	0	30	0	0
Total FY 01-04 Cost					44	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Montgomery

TIP# 8799 *Hatfield Township*

MPMS# 57328 Bicycle Mobility Improvements

PA 463, Forty Foot Rd.

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 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ	24				
DES	LOCAL	6				
CON	CMAQ			108		
CON	LOCAL			27		
Fiscal Year Total		30	0	135	0	0
		Total FY 01-04 Cost			165	

TIP# 8800 *Limerick Township*

MPMS# 57329 Bicycle Mobility Improvements

Limerick Twp.

AQ Code X

Design and construction of road improvements for bicycle facilities on Ridge Pike, Swamp Pike, and Lewis Rd.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ	51				
DES	LOCAL	13				
ROW	CMAQ			143		
ROW	LOCAL			36		
CON	CMAQ				489	
CON	LOCAL				122	
Fiscal Year Total		64	0	179	611	0
		Total FY 01-04 Cost			854	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8801 Lower Salford Township

MPMS# 57330 Bicycle Mobility Improvements

AQ Code X Lower Salford Twp.

Design and construction of road improvements for bicycles facilities on PA 63, Sumneytown Pike, Freeman School Rd., and Salfordville Rd.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ	40				
DES	LOCAL	10				
ROW	CMAQ			40		
ROW	LOCAL			10		
CON	CMAQ				280	
CON	LOCAL				70	
Fiscal Year Total		50	0	50	350	0
		Total FY 01-04 Cost			450	

TIP# 8802 Towamencin Township

MPMS# 57331 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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	200				
ROW	CMAQ		120			
ROW	LOCAL		30			
CON	CMAQ			990		
CON	CMAQ			800		
CON	LOCAL			200		
CON	LOCAL			247		
Fiscal Year Total		200	150	2,237	0	0
		Total FY 01-04 Cost			2,587	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8803 *Upper Merion Township*

MPMS# 57332 Bicycle Mobility Improvements

AQ Code X Upper Merion Twp.

Design and construction of road improvements for bicycle facilities on N. Henderson Rd., W. Beidler Rd., PA 23, W. Valley Forge Rd., Keebler Rd., S. Gulph Rd., S. Henderson Rd., Croton Rd., and S. Warner Rd.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ	72				
DES	LOCAL	18				
ROW	CMAQ			48		
ROW	LOCAL			12		
CON	CMAQ				240	
CON	LOCAL				60	
Fiscal Year Total		90	0	60	300	0
Total FY 01-04 Cost					450	

TIP# 8805 *Ambler Gateway Enhancement Project*

MPMS# 61706

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	25				
CON	TE			208		
Fiscal Year Total		25	0	208	0	0
Total FY 01-04 Cost					233	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Montgomery**

**TIP# 8806** *Tookany Creek Trail*

**MPMS# 61705**

AQ Code X Cheltenham Twp.

Construction of improvements to 2.2 mile multi-use trail parallel to Tookany Creek Parkway.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	35				
CON	LOCAL			234		
CON	TE			199		
Fiscal Year Total		35	0	433	0	0
		Total FY 01-04 Cost			468	

**TIP# 8807** *Main St. Streetscape Improvements*

**MPMS# 61707** Phase I

Norristown Boro.

AQ Code X Norristown Boro.

Construction of streetscape improvements in central business district.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	60				
CON	TE				550	
Fiscal Year Total		60	0	0	550	0
		Total FY 01-04 Cost			610	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8808 *Pedestrian/Bicycle Promenade*

MPMS# 61709 Pottstown Boro.

AQ Code X Pottstown Boro.

Land acquisition for, and construction of, pedestrian promenade connecting Pottstown business District, waterfront, and Montgomery Co. Community College.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	ACT26	19				
PE	LOCAL	1				
DES	ACT26		97			
DES	LOCAL		3			
ROW	ACT26			13		
ROW	LOCAL			1		
CON	ACT26				161	
CON	LOCAL				5	
CON	TE				336	
Fiscal Year Total		20	100	14	502	0
Total FY 01-04 Cost					636	

TIP# 8810 *PA 611 Closed Loop Signal System (Q57)*

MPMS# 60708 Abington Township

Tw. Line Rd. (PA 73) to Moreland Rd.

AQ Code 2005O 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	30				
PE	LOCAL	45				
ROW	CMAQ			10		
CON	CMAQ				485	
Fiscal Year Total		75	0	10	485	0
Total FY 01-04 Cost					570	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8811** **PA 611 Closed Loop Signal System (Q58)**

**MPMS# 60722** Horsham Township

Blair Mill Rd. to Maple Ave.

AQ Code 2005O 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	10				
PE	LOCAL	25				
ROW	CMAQ			15		
CON	CMAQ				195	
Fiscal Year Total		35	0	15	195	0
		Total FY 01-04 Cost			245	

**TIP# 8812** **PA 611 Closed Loop Signal System (Q59)**

**MPMS# 60973** Jenkintown Borough

Washington Ln. to Rdyal Rd./Clovery Ave.

AQ Code 2005O Jenkintown Boro.

Installation of a traffic responsive, closed loop signal system connecting four 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	10				
PE	LOCAL	18				
CON	CMAQ				192	
Fiscal Year Total		28	0	0	192	0
		Total FY 01-04 Cost			220	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8813** **PA 611 Closed Loop Signal System (Q60)**

**MPMS# 61053** Upper Moreland Township

Moreland Rd. to Blair Mill Rd.

AQ Code 20050 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	45				
PE	LOCAL	65				
ROW	CMAQ			25		
CON	CMAQ				635	
Fiscal Year Total		110	0	25	635	0
		Total FY 01-04 Cost			770	

**TIP# 8814** **Township Wide Traffic Signal Closed Loop**

**MPMS# 58662** System Upgrade and Expansion (Q63)

Upper Merion Township

AQ Code 20050 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	170				
DES	LOCAL		200			
CON	CMAQ				1,740	
CON	LOCAL				65	
Fiscal Year Total		170	200	0	1,805	0
		Total FY 01-04 Cost			2,175	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8815** *PA 29, Main St.*

**MPMS# 57849** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE		100			
ROW	STATE			20		
CON	STATE				600	
Fiscal Year Total		0	100	20	600	0
		Total FY 01-04 Cost			720	

**TIP# 8816** *Manor Rd.*

**MPMS# 57850** over Manor Creek

Bridge Replacement

AQ Code X Whitemarsh Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	75				
ROW	LOCAL			25		
CON	LOCAL					90
CON	STATE					360
Fiscal Year Total		75	0	25	0	450
		Total FY 01-04 Cost			100	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8817** *Plank/Otts/Meyers/Seitz Rds.*

**MPMS# 57851** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	270				
CON	HWY					2,080
CON	STATE					520
ROW	HWY					360
ROW	STATE					90
Fiscal Year Total		270	0	0	0	3,050
		Total FY 01-04 Cost			270	

**TIP# 8818** *PA 73, Skippack Pike*

**MPMS# 57853** US 202 (Dekalb Pike) to Butler Pike

Corridor/Intersection Improvements

AQ Code 2015/20 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	300				
CON	HWY					2,800
CON	STATE					700
ROW	HWY					400
ROW	LOCAL					100
Fiscal Year Total		300	0	0	0	4,000
		Total FY 01-04 Cost			300	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8819** *Lafayette St.*  
**MPMS# 57858** Ford St. to Conshohocken Rd.  
Road Extension, US-202 Connection Study  
AQ Code X Norristown Boro., Plymouth Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	DEMO	2,400				
PE	LOCAL	900				
PE	DEMO					8,000
PE	LOCAL					2,000
Fiscal Year Total		3,300	0	0	0	10,000
		Total FY 01-04 Cost		3,300		

**TIP# 8820** *US 422, Pottstown Expressway*  
**MPMS# 57859** US 202 to PA 363  
Widening, Interchange Improvements Study  
AQ Code X U. Merion, L. Providence, W. Norriton, Schuylkill Twp.

Analyze PA 23 relocation from Valley Forge Park to US 422, including a full movement interchange at PA-363 and the widening of US-422 to six lanes.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	HWY		400			
PLS	LOCAL		100			
Fiscal Year Total		0	500	0	0	0
		Total FY 01-04 Cost		500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Montgomery

TIP# 8821 Upper Perkiomen Industrial Access Proj.

MPMS# 57860

AQ Code X Upper Hanover Twp., East Greenville, Pennsburg Boros.

Analyze options for improved truck access.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	HWY	640				
PE	LOCAL	160				
CON	HWY					2,400
CON	LOCAL					600
DES	HWY					640
DES	LOCAL					160
ROW	HWY					400
ROW	LOCAL					100
Fiscal Year Total		800	0	0	0	4,300
		Total FY 01-04 Cost				800

TIP# 8822 Pleasant View Rd.

MPMS# 57861 Buchert Rd. to Sanatoga Rd.

AQ Code X Realignment  
Lower Pottsgrove Twp.

Realign road and widen to soften "S" curve; add curbs, sidewalks, drainage and left turn lanes (.03 miles)  
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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	65				
ROW	LOCAL			30		
CON	HWY					280
CON	LOCAL					70
Fiscal Year Total		65	0	30	0	350
		Total FY 01-04 Cost				95

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8823 *Keystone Blvd.*

MPMS# 57862 College Dr. to Old Reading Pike

New Roadway

AQ Code 2015/20 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	400				
DES	HWY			400		
DES	LOCAL			100		
CON	HWY					1,600
CON	LOCAL					400
ROW	HWY					80
ROW	LOCAL					20
Fiscal Year Total		400	0	500	0	2,100
		Total FY 01-04 Cost		900		

TIP# 8824 *Cowpath Rd./Godshall Rd./Broad St.*

MPMS# 57864

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	100				
DES	LOCAL			300		
CON	HWY					1,320
CON	STATE					330
ROW	HWY					240
ROW	LOCAL					60
Fiscal Year Total		100	0	300	0	1,950
		Total FY 01-04 Cost		400		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

TIP# 8825 *Edge Hill Rd.*

MPMS# 57865 Easton Rd. to Jenkintown Rd.

Reconstruction

AQ Code X Abington Twp.

Reconstruct; add curbs and drainage (.9 miles)

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	HWY		240			
PE	LOCAL		60			
DES	HWY			240		
DES	LOCAL			60		
CON	HWY					1,600
CON	STATE					400
ROW	HWY					240
ROW	LOCAL					60
Fiscal Year Total		0	300	300	0	2,300
		Total FY 01-04 Cost		600		

TIP# 8826 *Norristown Rd.*

MPMS# 57866 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	100				
ROW	LOCAL			200		
CON	STATE					1,000
Fiscal Year Total		100	0	200	0	1,000
		Total FY 01-04 Cost		300		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8827** *Township Line Rd.*

**MPMS# 57867** at Ridge Pike

Intersection Improvement

AQ Code X Limerick Twp., Upper Providence Twp.

Add turn lanes, upgrade signals.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	100				
DES	LOCAL				100	
CON	STATE					1,000
ROW	STATE					200
Fiscal Year Total		100	0	0	100	1,200
		Total FY 01-04 Cost			200	

**TIP# 8829** *PA 611, Easton Rd.*

**MPMS# 57870** I-276, PA Turnpike to Blair Mill Rd.

Widening

AQ Code 2002M Upper Moreland Twp., Horsham Twp.

Widen Easton Road between PA Turnpike (I-276) and Blair Mill Rd.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	LOCAL	100				
CON	HWY		850			
CON	LOCAL		750			
Fiscal Year Total		100	1,600	0	0	0
		Total FY 01-04 Cost			1,700	

**TIP# 8830** *Sanatoga Rd.*

**MPMS# 57871** over Branch of Swamp Creek

Bridge Replacement

AQ Code X New Hanover Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	100				
DES	STATE		150			
ROW	STATE				50	
CON	STATE					700
Fiscal Year Total		100	150	0	50	700
		Total FY 01-04 Cost			300	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8831** *PA 309 Design Review Manager*  
**MPMS# 57789** Greenwood Ave. to Welsh Rd.

AQ Code X Various

Utilize consultant services for design management of the PA 309 reconstruction project.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY		1,600			
DES	STATE		400			
Fiscal Year Total		0	2,000	0	0	0
Total FY 01-04 Cost					2,000	

**TIP# 8832** *I-76, Schuylkill Expressway (eastbound)*

**MPMS# 51225** Croton Rd. to Weadley Rd.

AQ Code X Noise Walls  
Upper Merion Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	ST-SP	6,489				
Fiscal Year Total		6,489	0	0	0	0
Total FY 01-04 Cost					6,489	

**TIP# 8833** *I-476, northbound*

**MPMS# 51222** Fulton St. to Woodside Rd.

AQ Code X Noise Walls  
Plymouth Twp.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	ST-SP		3,000			
Fiscal Year Total		0	3,000	0	0	0
Total FY 01-04 Cost					3,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Montgomery

**TIP# 8834** *Rockland Ave. Bridge*

**MPMS# 15992** over AMTRAK's Harrisburg Line

Bridge Replacement (pedestrian)

AQ Code X Narberth Boro.

This bridge is currently closed to both vehicular and pedestrian traffic. The bridge will be replaced with a pedestrian bridge.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	225				
ROW	LOCAL				5	
CON	LOCAL					320
CON	STATE					1,280
Fiscal Year Total		225	0	0	5	1,600
Total FY 01-04 Cost					230	

**TIP# 8835** *Susquehanna Rd. Bikeway Improvements*

**MPMS# 0** Huntingdon Rd. to Tennis Ave.

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	CMAQ	62				
DES	CMAQ		19			
CON	CMAQ			450		
Fiscal Year Total		62	19	450	0	0
Total FY 01-04 Cost					531	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Montgomery

TIP# 8836 I-76 Schuylkill Expressway Corridor ITS

MPMS# 0

AQ Code X

This project will build on work initiated under the ITS:Schuylkill Expressway Corridor project (TIP #0581). The project will have several deployment phases, however the initial phases are planning phases. Planning work will include hiring a Design System Integrator to define implementation and operational strategies and develop a comprehensive strategic deployment plan (including costs) for the corridor.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PLS	STATE	636				
PLS	CMAQ		954			
PLS	DEMO		1,591			
Fiscal Year Total		636	2,545	0	0	0
		Total FY 01-04 Cost		3,181		
Total for Montgomery		115,201	150,417	172,907	152,909	554,591
		Total FY 01-04 Cost		591,434		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 0511A I-95 Levick St. Structure and**

**MPMS# 50575** Westmoreland St. Viaduct

AQ Code X 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR		700			
CON	BR*		12,080			
CON	STAT*		3,020			
Fiscal Year Total		0	15,800	0	0	0
		Total FY 01-04 Cost		15,800		

**TIP# 0511B I-95**

**MPMS# 47783** BLEIGH AVE. TO ACADEMY RD.

AQ Code X BRIDGE AND ROADWAY RECONSTRUCTION

Reconstruction of six bridges and 1.2 miles of roadway.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR		3,600			
CON	CMAQ		1,980			
CON	HWY		1,800			
CON	STATE		400			
CON	STATE		200			
CON	STATE		220			
ROW	BR		800			
ROW	STATE		200			
UTIL	BR		3,060			
UTIL	STATE		340			
CON	BR			27,900		
CON	HWY			16,200		
CON	STATE			1,800		
CON	STATE			3,100		
CON	BR				22,500	
CON	HWY				4,500	
CON	HWY				16,200	
CON	STATE				500	
CON	STATE				1,800	
CON	STATE				2,500	
Fiscal Year Total		0	12,600	49,000	48,000	0
		Total FY 01-04 Cost		109,600		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9151B** **I-95 & ARAMINGO AVE. (ADAMS AVE CONNCTR)**

**MPMS# 17782** BETSY ROSS BRIDGE TO TORRESDALE AVENUE

065C7014 CONSTRUCT NEW ROADWAY

AQ Code 2015/20 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	STATE	50				
ENG	STU	200				
ROW	STATE			70		
ROW	STU			280		
CON	STATE					286
CON	STU					1,142
Fiscal Year Total		250	0	350	0	1,428
		Total FY 01-04 Cost		600		

**TIP# 9308** **GERMANTOWN AVENUE BRIDGE**

**MPMS# 17109** OVER WISSAHICKON CREEK

065L002 BRIDGE REPLACEMENT

AQ Code X Northwest Phila.

The northbound lane of this two lane bridge is currently closed to traffic. The superstructure was built in 1920 and the piers in 1786. It will be replaced with a bridge with two 11' lanes, a 4' median, two 5' bike lanes, and a 5' sidewalk on one side. An "off-bridge" sidewalk will be built on the other side.

The project also includes roadway realignment to remove a sharp curve and visual mitigation.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR		6,100			
CON	LOCAL		376			
CON	STATE		1,144			
DES	BR		240			
DES	LOCAL		15			
DES	STATE		45			
ROW	BR		80			
ROW	LOCAL		5			
ROW	STATE		15			
Fiscal Year Total		0	8,020	0	0	0
		Total FY 01-04 Cost		8,020		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9332 PA 63, WOODHAVEN ROAD PROJECT**

**MPMS# 17112** US 1 (ROOSEVELT BLVD.)-PHILMONT AVENUE

065C7012

**AQ Code** 2015/20 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	STATE	286				
PE	STU	1,144				
CON	HWY					36,000
CON	STATE					9,000
DES	STATE					400
DES	STU					1,600
ROW	STATE					600
ROW	STU					2,400
Fiscal Year Total		<b>1,430</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
		Total FY 01-04 Cost				<b>1,430</b>

**TIP# 9345 KREWSTOWN ROAD**

**MPMS# 16785** OVER PENNYPACK CREEK

065L108 BRIDGE REPLACEMENT/REHABILITATION

**AQ Code** X Northeast Phila.

The existing bridge is a narrow two lanes with a 5' sidewalk on one side. It is currently load restricted to 20 tons. The new bridge will be on a new alignment to correct the poor horizontal and vertical geometry. It will be two lanes with shoulders and sidewalks on both sides. The existing bridge may be kept as a pedestrian/bicycle/equestrian trail.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR					3,210
CON	LOCAL					803
Fiscal Year Total		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,013</b>
		Total FY 01-04 Cost				<b>0</b>



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9375** **RISING SUN AVENUE & ADAMS AVENUE (C045)**

**MPMS# 17793** INTERSECTION

065S026Q SIGNAL & INTERSECTION IMPROVEMENT

AQ Code X Northeast Phila.

Widen the south side of Adams Ave. to improve its alignment and upgrade the signalization by installing overhead signals and advance left turn phasing for both eastbound Adams Ave. and northbound Rising Sun Ave.

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

#### Later FYs

Phase	Fund	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ		954			
CON	STATE		239			
Fiscal Year Total		0	1,193	0	0	0
		Total FY 01-04 Cost		1,193		

**TIP# 9445** **STRAWBERRY MANSION BRIDGE**

**MPMS# 17523** OVER SCHUYLKILL RIVER

065L025 BRIDGE DECK REPLACEMENT AND REPAINTING

AQ Code X Philadelphia

This project involves the replacement of the existing bridge deck (deteriorated to the point where the bridge has had to be closed to all traffic), repainting, and the provision of a wooden pedestrian "promenade" with ornamental iron lights on the area formerly occupied by the trolley tracks. The existing bridge has two lanes, shoulders, and sidewalk on one side. The new bridge will have two lanes, shoulders, and wider sidewalks on both sides.

FY2001 funding will be used to replace the deck on the adjacent Greenland Dr. Bridge.

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

#### Later FYs

Phase	Fund	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL	1,000				
CON	BR		875			
CON	LOCAL		55			
CON	STATE		165			
Fiscal Year Total		1,000	1,095	0	0	0
		Total FY 01-04 Cost		2,095		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9459** **LINDBERGH BOULEVARD**  
**MPMS# 17023** OVER CSX RAILROAD  
065C009 BRIDGE REPLACEMENT  
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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	BR		152			
ENG	STATE		38			
CON	BR			2,880		
CON	STATE			720		
Fiscal Year Total		0	190	3,600	0	0
		Total FY 01-04 Cost		3,790		

**TIP# 9463** **HOLME AVENUE**  
**MPMS# 17464** OVER CONRAIL (1 TRACK)  
065C075 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR			1,080		
CON	STATE			270		
Fiscal Year Total		0	0	1,350	0	0
		Total FY 01-04 Cost		1,350		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9464 RHAWN STREET**

**MPMS# 17408** OVER CONRAIL

065C074 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ENG	BR		107		
ENG	STATE		27		
ROW	BR		40		
ROW	STATE		10		
UTIL	BR		600		
UTIL	STATE		150		

Fiscal Year Total 0 934 0 0 0

Total FY 01-04 Cost 934

**TIP# 9465 29TH STREET**

**MPMS# 16944** OVER AMTRAK/SEPTA TRENTON, CH.H.W. LINES

065C722 BRIDGE REPLACEMENT

AQ Code X North Phila.

The existing two lane bridge with curbs and sidewalks will be replaced in kind. The bridge currently has 3-ton load restriction. The project also includes drainage improvements.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	BR		1,500		
CON	STATE		400		

Fiscal Year Total 0 1,900 0 0 0

Total FY 01-04 Cost 1,900

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9555** **SCHOOL HOUSE LANE**  
**MPMS# 17582** RIDGE AVENUE TO HENRY AVENUE  
065L820 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 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL	840			
CON	STU	3,360			
CON	LOCAL		180		
CON	STU		643		
ENG	LOCAL		72		
ENG	STU		288		

Fiscal Year Total 4,200 1,183 0 0 0

Total FY 01-04 Cost 5,383

**TIP# 9614** **CENTER CITY TRAFFIC SYSTEMS II**  
**MPMS# 17655** SOUTH ST. TO SPRING GARDEN ST.  
065S211M SIGNAL IMPROVEMENTS  
AQ Code 2002M Central Phila.

This project consists of the installation of a computerized traffic signal system for approximately 170 signals.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
DES	CMAQ		400		
DES	LOCAL		75		
CON	CMAQ				7,100

Fiscal Year Total 0 475 0 0 7,100

Total FY 01-04 Cost 475

**TIP# 9615** **PA 611, N. BROAD ST.**  
**MPMS# 17652** SPRING GARDEN ST. TO MONT. CO. LINE  
065S217C CORRIDOR IMPROVEMENTS  
AQ Code 2002M North Phila.

Upgrade the traffic signals at 10 intersections.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	CMAQ			1,000	

Fiscal Year Total 0 0 1,000 0 0

Total FY 01-04 Cost 1,000

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9621** **HARBISON AVE./ARAMINGO AVE. (C048)**

**MPMS# 17659** I-95 TO ROOSEVELT BLVD.

065S249M SIGNAL AND CORRIDOR IMPROVEMENTS

AQ Code 2002M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ			2,200		
CON	STATE			550		
Fiscal Year Total		0	0	2,750	0	0
		Total FY 01-04 Cost		2,750		

**TIP# 9623** **PA 611, S. BROAD ST. AT I-76**

**MPMS# 17649** AND POLLOCK ST. (STADIUM COMPLEX)

065S214F 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	HWY		1,520			
CON	STATE		380			
Fiscal Year Total		0	1,900	0	0	0
		Total FY 01-04 Cost		1,900		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9625 MARKET STREET**

**MPMS# 17657** DELAWARE COUNTY LINE TO 39TH STREET

065S225C SIGNAL & PEDESTRIAN INITIATIVES

AQ Code 2005M West Phila.

Install pedestrian crosswalks at 17 intersections beneath SEPTA's Market St. Elevated Line, construct "streetscape" elements such as curbs/sidewalks/modernized traffic signals and street lighting, and lengthen the left turn standby lane on Market St. where possible.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ			1,360		
CON	DEMO			3,680		
CON	LOCAL			151		
CON	STATE			340		
CON	T-STA			769		
Fiscal Year Total		0	0	6,300	0	0
		Total FY 01-04 Cost		6,300		

**TIP# 9655 FAIRMOUNT PARK BIKEWAY ENHANCEMENTS**

**MPMS# 17751** BIKEWAY CONSTRUCTION

065H3C63

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL			180		
CON	TE			720		
Fiscal Year Total		0	0	900	0	0
		Total FY 01-04 Cost		900		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9658B** *Schuylkill River Park Bike/Ped. Trail*

**MPMS# 17754** 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL	2,226			
CON	STU	2,066			
CON	TE	3,269			

Fiscal Year Total 7,561 0 0 0 0

Total FY 01-04 Cost 7,561

**TIP# 9661** *40TH STREET*

**MPMS# 17460** OVER AMTRAK/SEPTA  
065L157 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
ROW	BR			928	
ROW	LOCAL			59	
ROW	STATE			174	
CON	BR				5,131
CON	LOCAL				321
CON	STATE				962

Fiscal Year Total 0 0 1,161 0 6,414

Total FY 01-04 Cost 1,161

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9662 BELLS MILL ROAD**

**MPMS# 17581** GERMANTOWN AVE. TO STENTON AVE.

065L839 RESTORATION

AQ Code X Northwest Phila.

This road restoration project involves drainage improvements, minor widening, and sidewalk improvements.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ENG	LOCAL		165		
ENG	STU		660		
CON	LOCAL				65
CON	STU				260

Fiscal Year Total 0 825 0 0 325

Total FY 01-04 Cost 825

**TIP# 9676 4TH AND 5TH HIGHWAY DISTRICT '3R'**

**MPMS# 17734** NORTHEAST PHILADELPHIA

065L043 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	LOCAL		803		
CON	LOCAL		88		
CON	STU		409		
CON	STU*		3,212		

Fiscal Year Total 0 4,512 0 0 0

Total FY 01-04 Cost 4,512



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9682A 42ND STREET**

**MPMS# 17461** OVER AMTRAK/SEPTA (SOUTH OF POPLAR)

065L164 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR	1,240				
ROW	LOCAL	76				
ROW	STATE	233				
CON	LOCAL		125			
ENG	BR		380			
ENG	LOCAL		24			
ENG	STATE		71			
CON	BR			2,800		
CON	LOCAL			50		
CON	STATE			525		
Fiscal Year Total		<b>1,549</b>	<b>600</b>	<b>3,375</b>	<b>0</b>	<b>0</b>
Total FY 01-04 Cost				<b>5,524</b>		

**TIP# 9684A SOUTH STREET**

**MPMS# 17724** OVER I-76 (WB), SCHUYLKILL RIVER, & CSX

065L160 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	2,640				
DES	LOCAL	165				
DES	STATE	495				
ROW	LOCAL		80			
ROW	BR			1,280		
ROW	STATE			240		
CON	BR					8,000
CON	LOCAL					500
CON	STATE					1,500
Fiscal Year Total		<b>3,300</b>	<b>80</b>	<b>1,520</b>	<b>0</b>	<b>10,000</b>
Total FY 01-04 Cost				<b>4,900</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9684B SOUTH STREET**

**MPMS# 17603** OVER I-76 (EB) AND AMTRAK N.E. CORRIDOR

065L161 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	BR			1,040		
ROW	LOCAL			65		
ROW	STATE			195		
CON	BR					4,000
CON	LOCAL					250
CON	STATE					750
Fiscal Year Total		0	0	1,300	0	5,000
		Total FY 01-04 Cost		1,300		

**TIP# 9684C SOUTH STREET**

**MPMS# 17462** OVER SEPTA WILMINGTON/ELWYN/AIRPORT LINE

065L162 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	BR		1,200			
ROW	LOCAL		75			
ROW	STATE		225			
CON	BR					4,000
CON	LOCAL					250
CON	STATE					750
Fiscal Year Total		0	1,500	0	0	5,000
		Total FY 01-04 Cost		1,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9689** **6th Highway District "3R"**

**MPMS# 17766** CENTER CITY AND NORTH PHILADELPHIA

065L170 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 13 miles of roadway.

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

#### Later FYs

Phase	Fund	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	LOCAL				
CON	STU				

Fiscal Year Total	0	0	0	0
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Total FY 01-04 Cost

**TIP# 9704** **WESTBANK GREENWAY (C004)**

**MPMS# 17791** 31ST ST., 32ND ST., & MANTUA AVE. (etc.)

065S019Q 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	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	CMAQ				
CON	LOCAL				

624  
156

Fiscal Year Total	0	0	0	0	780
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Total FY 01-04 Cost 0

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9705** **ARTERIAL SIGNAL INTERCONNECT (C005)**

**MPMS# 17788** CITYWIDE

065S006Q SIGNAL COORDINATION

AQ Code 2002O 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 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ		60			
DES	LOC		15			
CON	CMAQ					1,360
CON	LOC					340
Fiscal Year Total		0	75	0	0	1,700
Total FY 01-04 Cost					75	

**TIP# 9706** **Phila. Alternative Fuels Program (C010)**

**MPMS# 17789** Fueling Stations and Vehicle Conversions

AQ Code Philadelphia

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ	1,467				
CON	LOCAL	367				
Fiscal Year Total		1,834	0	0	0	0
Total FY 01-04 Cost					1,834	

**TIP# 9707** **COBB'S CREEK BIKEWAY (C072)**

**MPMS# 17787** US 1 CITY AVE. TO PA 291 TO AIRPORT, ETC

065S003Q BIKEWAY CONSTRUCTION

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 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ			2,400		
CON	LOCAL			600		
Fiscal Year Total		0	0	3,000	0	0
Total FY 01-04 Cost					3,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9720 PA 611, BROAD STREET**

**MPMS# 17796** VINE ST. TO OLNEY AVE.

065M5416 ARTERIAL IMP. ASSOCIATED W/ I-95

AQ Code 2002M 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ			2,800		
Fiscal Year Total		0	0	2,800	0	0
		Total FY 01-04 Cost		2,800		

**TIP# 9721 TORRESDALE AVE.**

**MPMS# 17794** HARBISON AVE. TO LINDEN AVE.

065M5414 ARTERIAL IMP. ASSOCIATED W/ I-95

AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ	1,350				
Fiscal Year Total		1,350	0	0	0	0
		Total FY 01-04 Cost		1,350		

**TIP# 9722 NEW STATE/TACONY RD.**

**MPMS# 17797** BRIDGE ST. TO OLD STATE RD.

065M5417 ARTERIAL IMP. ASSOCIATED W/ 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ		1,249			
CON	STATE		57			
Fiscal Year Total		0	1,306	0	0	0
		Total FY 01-04 Cost		1,306		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9723** *KNIGHTS RD.*

**MPMS# 17798** FRANKFORD AVE. TO STREET RD.

065M5418 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ		1,229			
Fiscal Year Total		0	1,229	0	0	0
		Total FY 01-04 Cost		1,229		

**TIP# 9734** *Island Ave.*

**MPMS# 17697** Woodland Ave. to Bartram Ave.

Signal Improvements

AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004	
DES	CMAQ		100			
DES	LOCAL		25			
CON	CMAQ					940
CON	LOCAL					235
Fiscal Year Total		0	125	0	0	1,175
		Total FY 01-04 Cost		125		

**TIP# 9735** *Ogontz Ave.*

**MPMS# 17801** Belfield Ave. to Cheltenham Ave.

Signal Improvements

AQ Code 2002M 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 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ		4,600			
CON	LOCAL		1,150			
Fiscal Year Total		0	5,750	0	0	0
		Total FY 01-04 Cost		5,750		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9736** *Kelly Drive*

**MPMS# 17768** 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 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL	792			
CON	STU	3,168			

Fiscal Year Total	3,960	0	0	0	0
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Total FY 01-04 Cost	3,960
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**TIP# 9737** *1st/2nd/3rd Highway Districts "3R"*

**MPMS# 16795**

Reconstruction/Restoration/Resurfacing

AQ Code X Center City, North/South/West 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" 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 2001	FY 2002	FY 2003	FY 2004
CON	LOCAL		840		
CON	STU		3,360		

Fiscal Year Total	0	4,200	0	0	0
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Total FY 01-04 Cost	4,200
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**TIP# 9739** *Cayuga St. (w. of 5th St., Hunting Park)*

**MPMS# 17722** over Abandoned Railroad

Bridge Removal

AQ Code X Philadelphia

Removal of bridge, fill of area, repaving.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004
CON	BR				1,600
CON	LOCAL				200
CON	STATE				200

Fiscal Year Total	0	0	0	0	2,000
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Total FY 01-04 Cost	0
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9740** *North Delaware Ave.*

**MPMS# 46956** Lewis St. to Bridge St.

New Roadway Phase I

AQ Code 2005M 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	DEMO	160			
DES	LOCAL	40			
CON	DEMO				3,927
CON	LOCAL				1,400
CON	STU				1,673

Fiscal Year Total 200 0 0 7,000 0

Total FY 01-04 Cost 7,200

**TIP# 9741** *Germantown Ave.: Ashmead Pl. to Coulter*

**MPMS# 48191** Allens La. to Cresheim Valley Dr.

Reconstruction

AQ Code X Philadelphia

Reconstruct roadway and replace trolley tracks.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	STATE	80			
DES	STU	320			
CON	HWY				3,200
CON	STATE				800

Fiscal Year Total 400 0 0 0 4,000

Total FY 01-04 Cost 400

**TIP# 9742** *Glenwood Ave. (w. of 3rd St., N. Phila.)*

**MPMS# 17492** over Abandoned Railroad

066786210 Bridge Removal

AQ Code X Philadelphia

Removal of bridge, fill of area, repaving.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	BR				800
CON	LOCAL				100
CON	STATE				100

Fiscal Year Total 0 0 0 0 1,000

Total FY 01-04 Cost 0



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9743** *Allen's Lane*

**MPMS# 48193** over SEPTA (s. of Germantown Ave.)

Bridge Replacement

AQ Code X Philadelphia

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	BR		280		
DES	LOCAL		70		
CON	BR				1,200
CON	STATE				300
ROW	BR				460
ROW	STATE				115

Fiscal Year Total	0	350	0	0	2,075
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Total FY 01-04 Cost	350
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**TIP# 9744** *Independence Mall Gateway*

**MPMS# 46957** 5th St., 6th St., Chestnut St.,

Market St., Arch St., and Race St.

AQ Code X Philadelphia

Streetscape and pedestrian flow enhancements, elevator access from street level to SEPTA's 5th Street subway station, and related improvements. This project is one element of a larger effort targeting the Independence Mall area.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	DEMO	5,850			
CON	LOCAL	1,450			
DES	DEMO	350			
DES	LOCAL	150			

Fiscal Year Total	7,800	0	0	0	0
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Total FY 01-04 Cost	7,800
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9745** *I-95/International Airport Ramp Revision*

**MPMS# 17828** I-95 Airport Interchange

**AQ Code 2005M** Philadelphia, Tinicum 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR	22,400				
CON	DEMO*	6,840				
CON	ECDV*	1,408				
CON	HWY	6,588				
CON	STAT*	7,477				
CON	STATE	72				
CON	BR		11,160			
CON	DEMO*		7,220			
CON	HWY		15,250			
CON	STAT*		4,595			
CON	STATE		3,813			
CON	DEMO*			6,693		
CON	STAT*			1,673		
Fiscal Year Total		<b>44,785</b>	<b>42,038</b>	<b>8,366</b>	<b>0</b>	<b>0</b>
			<b>Total FY 01-04 Cost</b>	<b>95,189</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9746** *30th St. Station Intermodal Gateway*

**MPMS# 17135** Vicinity of 30th St. Station

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 is programmed in the SEPTA section under TIP #S092.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO		300			
DES	LOCAL		75			
PE	DEMO		300			
PE	LOCAL		75			
CON	DEMO				5,400	
CON	LOCAL				1,350	
Fiscal Year Total		0	750	0	6,750	0
			Total FY 01-04 Cost		7,500	

**TIP# 9747** *Vine St. Pedestrian Bridge*

**MPMS# 46960** between 15th and 16th Sts.

AQ Code X Philadelphia

Proposed stadium at Broad and Spring Garden Sts. will introduce significant pedestrian movement through the area. Construction of a pedestrian bridge across Vine St., I-676 ramps, and Callowhill St. has been proposed.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	DEMO	50				
PE	LOCAL	10				
DES	DEMO		150			
DES	LOCAL		40			
CON	DEMO			800		
CON	LOCAL			200		
Fiscal Year Total		60	190	1,000	0	0
			Total FY 01-04 Cost		1,250	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9748 Philadelphia Naval Shipyard Access

MPMS# 46958

AQ Code X

Philadelphia

Current privatization of site will necessitate provision of new access roadways. Two alternatives are being explored - extension of Delaware Ave. and connection to 26th St. on north side of Ship Basin. A third, connecting from Broad St. on new alignment has been preliminarily evaluated.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	200				
DES	LOCAL	50				
DES	DEMO		240			
DES	LOCAL		60			
CON	DEMO			2,960		
CON	LOCAL			665		
Fiscal Year Total		250	300	3,625	0	0
		Total FY 01-04 Cost		4,175		

TIP# 9749 Tioga Marine Terminal

MPMS# 17825 between Allegheny Ave. and Castor Ave.

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	30				
PE	DEMO	80				
PE	LOCAL	20				
DES	DEMO		120			
CON	DEMO			1,000		
CON	LOCAL			250		
Fiscal Year Total		130	120	1,250	0	0
		Total FY 01-04 Cost		1,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9750** *West Philadelphia Congestion Mitigation*

**MPMS# 17830** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	DEMO		369			
Fiscal Year Total		0	369	0	0	0
		Total FY 01-04 Cost		369		

**TIP# 9751** *Drexel Highway Research Facility*

**MPMS# 46961** Market St. near 30th St. Station

Construction of New Building

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	DEMO		1,000			
Fiscal Year Total		0	1,000	0	0	0
		Total FY 01-04 Cost		1,000		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9754** *Belfield Ave.*

**MPMS# 48194** Old York Rd. to Wister St.

Corridor Optimization

AQ Code 2002M Philadelphia

Signal modernization, channelization, pavement markings, and related work, including provisions for bicycle accommodation and enhanced pedestrian flow.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ	120				
DES	LOCAL	30				
DES	CMAQ		40			
DES	LOCAL		10			
CON	CMAQ			880		
CON	LOCAL			220		
Fiscal Year Total		150	50	1,100	0	0
		Total FY 01-04 Cost		1,300		

**TIP# 9755** *Tyson Ave.*

**MPMS# 48195** Rising Sun Ave. to Torresdale Ave.

Corridor Optimization

AQ Code 2002M Philadelphia

Signal modernization, 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ	40				
DES	LOCAL	10				
DES	CMAQ		40			
DES	LOCAL		10			
CON	CMAQ			1,440		
CON	LOCAL			360		
Fiscal Year Total		50	50	1,800	0	0
		Total FY 01-04 Cost		1,900		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9756 I-95

MPMS# 17821 Shackamaxon St. to Ann St.

065M5421 Widening, interchange improvement

AQ Code 2015/20 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)

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	BR	1,900				
DES	DEMO	1,700				
DES	STATE	900				
PE	BR		2,800			
PE	STATE		700			
ROW	DEMO		800			
ROW	STATE		200			
CON	BR					69,000
CON	DEMO					14,540
CON	HWY					9,518
CON	STATE					21,942
Fiscal Year Total		4,500	4,500	0	0	115,000
		Total FY 01-04 Cost		9,000		

TIP# 9757 I-95

MPMS# 47394 Levick St. to Bleigh Ave.

98723 Bridge and roadway reconstruction

AQ Code 2015/20 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	BR	5,100				
DES	DEMO	1,700				
DES	STATE	1,700				
ROW	DEMO			4,000		
ROW	STATE			1,000		
CON	BR					42,000
CON	DEMO					6,652
CON	HWY					8,267
CON	STATE					13,081
Fiscal Year Total		8,500	0	5,000	0	70,000
		Total FY 01-04 Cost		13,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9759 I-95

MPMS# 47811 Orthodox St. to Levick St.

98100 Bridge and roadway reconstruction

AQ Code 2015/20 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	BR			2,000		
DES	DEMO			2,000		
DES	STATE			1,000		
ROW	DEMO				3,200	
ROW	STATE				800	
CON	BR					24,000
CON	DEMO					6,400
CON	HWY					19,800
CON	STATE					9,800
Fiscal Year Total		0	0	5,000	4,000	60,000
		Total FY 01-04 Cost			9,000	

TIP# 9760 I-95

MPMS# 47812 Wheatsheaf Lane to Orthodox St.

Bridge and roadway reconstruction

AQ Code 2015/20 Philadelphia

Reconstruct 9 bridges and .1 mile of roadway. Eliminate lane drops associated with Betsy Ross Bridge.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	BR					56,000
CON	STATE					14,000
Fiscal Year Total		0	0	0	0	70,000
		Total FY 01-04 Cost			0	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9761 I-95

MPMS# 47813 Ann St. to Wheatsheaf Lane

Bridge and roadway reconstruction

AQ Code X Philadelphia

Reconstruct 10 bridges and .9 miles of roadway.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	800				
DES	STATE	200				
ROW	DEMO				800	
ROW	STATE				200	
CON	BR					21,000
CON	DEMO					7,000
CON	STATE					7,000
Fiscal Year Total		1,000	0	0	1,000	35,000
Total FY 01-04 Cost					2,000	

TIP# 9763 Chestnut Street

MPMS# 57335 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL					220
CON	STU					880
Fiscal Year Total		0	0	0	0	1,100
Total FY 01-04 Cost					0	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9764** *I-76, Schuylkill Expressway*

**MPMS# 17826** I-676, Vine Expy. to Platt Bridge-PA-291

Intelligent Transportation System

AQ Code 2005O Philadelphia

1 variable message sign, 14 closed circuit televisions, 4 detectors

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	CMAQ		40			
ROW	STATE		10			
CON	CMAQ				2,120	
CON	STATE				530	
Fiscal Year Total		0	50	0	2,650	0
Total FY 01-04 Cost					2,700	

**TIP# 9765** *I-76, Schuylkill Expressway*

**MPMS# 17827** I-676, Vine Expy. to Pencoyd Bridge

Intelligent Transportation System

AQ Code 2005O Philadelphia

1 variable message sign, 14 closed circuit televisions, 10 detectors

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	CMAQ		40			
ROW	STATE		10			
CON	CMAQ					2,840
CON	STATE					710
Fiscal Year Total		0	50	0	0	3,550
Total FY 01-04 Cost					50	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9766 46th/Market Transportation System

MPMS# 17833

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 2001	FY 2002	FY 2003	FY 2004	
ERC	DEMO			1,120		
ERC	LOCAL			47		
ERC	T-STA			233		
Fiscal Year Total		0	0	1,400	0	0
		Total FY 01-04 Cost		1,400		

TIP# 9767 52nd/Lancaster Ave. Enhancements

MPMS# 17829

AQ Code X Philadelphia

Project elements to include, but not limited to, 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 2001	FY 2002	FY 2003	FY 2004	
ERC	DEMO			1,200		
ERC	LOCAL			50		
ERC	T-STA			250		
Fiscal Year Total		0	0	1,500	0	0
		Total FY 01-04 Cost		1,500		

TIP# 9768 Manayunk Recreation Path - Phase II

MPMS# 50522

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 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL			200		
ERC	TE			800		
Fiscal Year Total		0	0	1,000	0	0
		Total FY 01-04 Cost		1,000		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9770 *Westbank Greenway - Phase 2*

MPMS# 50523

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	150				
CON	TE			1,500		
Fiscal Year Total		150	0	1,500	0	0
		Total FY 01-04 Cost		1,650		

TIP# 9771 *Pennypack Recreation Trail Improvements*

MPMS# 57288

AQ Code X

Philadelphia

This project will improve and enhance the existing path to increase user safety, access, and enjoyment.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ERC	LOCAL			55		
ERC	RecTr			140		
Fiscal Year Total		0	0	195	0	0
		Total FY 01-04 Cost		195		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9772** *Mast Arm Evaluation*

**MPMS# 51075**

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	10				
DES	STU	40				
PE	LOCAL		27			
PE	STU		108			
Fiscal Year Total		50	135	0	0	0
		Total FY 01-04 Cost		185		

**TIP# 9773** *I-76 / US 1*

**MPMS# 50931**

Gustine Lake Interchange

Bridge Replacements

AQ Code X

Philadelphia

In kind replacement of five bridges.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ROW	BR			400		
ROW	STATE			100		
CON	BR					6,400
CON	STATE					1,600
Fiscal Year Total		0	0	500	0	8,000
		Total FY 01-04 Cost		500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9774** *Independence Transportation Center*

**MPMS# 57333** 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	4,343				
CON	LOCAL	1,086				
Fiscal Year Total		<b>5,429</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		Total FY 01-04 Cost		<b>5,429</b>		

**TIP# 9776** *Montgomery Avenue*  
**MPMS# 57276** over Amtrack (at 30th Street)

AQ Code X Bridge Replacement  
Philadelphia

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR		560			
DES	LOCAL		35			
DES	STATE		105			
CON	BR					4,800
CON	LOCAL					300
CON	STATE					900
ROW	BR					1,200
ROW	LOCAL					75
ROW	STATE					225
Fiscal Year Total		<b>0</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>7,500</b>
		Total FY 01-04 Cost		<b>700</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9777** *Sedgley Avenue*

**MPMS# 57268** over Conrail (west of 3rd Street)

Bridge Removal

AQ Code X Philadelphia

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
ROW	BR		80		
ROW	LOCAL		5		
ROW	STATE		15		
CON	BR				1,440
CON	LOCAL				90
CON	STATE				270

Fiscal Year Total	0	100	0	0	1,800
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Total FY 01-04 Cost	100
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**TIP# 9778** *59th Street*

**MPMS# 17489** over Amtrak (at Lancaster Avenue)

Bridge Replacement

AQ Code X Philadelphia

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	BR	160			
DES	LOCAL	10			
DES	STATE	30			
CON	BR				4,880
CON	LOCAL				300
CON	STATE				900
ROW	BR				1,200
ROW	LOCAL				75
ROW	STATE				225

Fiscal Year Total	200	0	0	0	7,580
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Total FY 01-04 Cost	200
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9779** *Ontario Street*

**MPMS# 57273** over Conrail (east of 5th Street)

Bridge Removal

AQ Code X Philadelphia

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	80				
DES	LOCAL	5				
DES	STATE	15				
ROW	BR			80		
ROW	LOCAL			5		
ROW	STATE			15		
CON	BR				960	
CON	LOCAL				60	
CON	STATE				180	
Fiscal Year Total		100	0	100	1,200	0
		Total FY 01-04 Cost			1,400	

**TIP# 9780** *Hunting Park Avenue*

**MPMS# 57275** over Conrail (east of 5th Street)

Bridge Removal

AQ Code X Philadelphia

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	80				
DES	LOCAL	5				
DES	STATE	15				
ROW	BR			80		
ROW	LOCAL			5		
ROW	STATE			15		
CON	BR					960
CON	LOCAL					60
CON	STATE					180
Fiscal Year Total		100	0	100	0	1,200
		Total FY 01-04 Cost			200	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9781** *Erie Avenue*

**MPMS# 57334** over Conrail (east of 4th Street)

Bridge Removal

AQ Code X Philadelphia

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	80				
DES	LOCAL	5				
DES	STATE	15				
ROW	BR			96		
ROW	LOCAL			6		
ROW	STATE			18		
CON	BR					1,440
CON	LOCAL					90
CON	STATE					270
Fiscal Year Total		100	0	120	0	1,800
		Total FY 01-04 Cost			220	

**TIP# 9782** *Rising Sun Avenue*

**MPMS# 57278** over Conrail (at 2nd Street)

Bridge Removal

AQ Code X Philadelphia

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	80				
DES	LOCAL	5				
DES	STATE	15				
ROW	BR			80		
ROW	LOCAL			5		
ROW	STATE			15		
CON	BR					960
CON	LOCAL					60
CON	STATE					180
Fiscal Year Total		100	0	100	0	1,200
		Total FY 01-04 Cost			200	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9786 I-95/Christian St.

MPMS# 61713 Pedestrian Improvement Project

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	5				
PE	LOCAL	44				
CON	TE			80		
Fiscal Year Total		49	0	80	0	0
Total FY 01-04 Cost					129	

TIP# 9787 Restoration of the Manayunk Canal

MPMS# 61714

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	114				
DES	TE	454				
Fiscal Year Total		568	0	0	0	0
Total FY 01-04 Cost					568	

TIP# 9788 Island Avenue

MPMS# 61716 Gateway Landscaping

AQ Code X Philadelphia

Installation of gateway treatment and landscape planting in median on Island Ave.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	75				
CON	TE				300	
Fiscal Year Total		75	0	0	300	0
Total FY 01-04 Cost					375	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9789 *Fairmount Water Works Dock*

MPMS# 61717

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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	100				
CON	TE				400	
Fiscal Year Total		100	0	0	400	0
Total FY 01-04 Cost					500	

TIP# 9790 *Allen Lane Train Station Renovation*

MPMS# 61718

AQ Code X

Philadelphia

Completion of renovation of active train station.

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

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL	862				
CON	TTE	538				
Fiscal Year Total		1,400	0	0	0	0
Total FY 01-04 Cost					1,400	

TIP# 9791 *Girard Ave. Streetscape Enhancements*

MPMS# 61719

AQ Code X

Philadelphia

Installation of signage, art at selected trolley stations; installation of landscaping and lighting along the 8.4 mile trolley line.

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

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	LOCAL	96				
CON	TTE	384				
Fiscal Year Total		480	0	0	0	0
Total FY 01-04 Cost					480	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9792** *Kensington and Tacony*

**MPMS# 61712** Rail with Trail

AQ Code X Philadelphia

Construction of a multi-use trail.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	50				
DES	LOCAL		100			
ROW	LOCAL			50		
CON	TE				500	
Fiscal Year Total		50	100	50	500	0
Total FY 01-04 Cost					700	

**TIP# 9793** *Traffic Control - Miscellaneous Design*

**MPMS# 61536**

AQ Code X Philadelphia

This project will fund design consultant services for traffic signals and controls on larger projects where staff workload limitations are exceeded.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	50				
PE	STU	200				
Fiscal Year Total		250	0	0	0	0
Total FY 01-04 Cost					250	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9794**      **Route 10 Light Rail Transit First**

**MPMS# 59308**      Signalization Project (Q10)

AQ Code 2005O      Philadelphia

Modernization and coordination of traffic signals along SEPTA Light Rail Route 10, resulting in a network of traffic signals which can be programmed for trolley progression and preemption through tie-ins to SEPTA's Light Rail locator network or roadway detectors.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	1,928				
CON	LOCAL	80				
CON	TBOND	402				
DES	CMAQ	267				
DES	LOCAL	11				
DES	TBOND	56				
Fiscal Year Total		<b>2,744</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		Total FY 01-04 Cost		<b>2,744</b>		

**TIP# 9795**      **Route 52 Transit First**

**MPMS# 59348**      Signalization Project (Q11)

AQ Code 2005O      Philadelphia

Modernization and coordination of traffic signals along SEPTA bus route 52, resulting in a network of traffic signals which can be programmed for preferential signaling for transit vehicles.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	1,851				
CON	LOCAL	77				
CON	TBOND	386				
DES	CMAQ	341				
DES	LOCAL	14				
DES	TBOND	71				
Fiscal Year Total		<b>2,740</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		Total FY 01-04 Cost		<b>2,740</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9796 *Girard Avenue Light Rail (Route 15)*

MPMS# 59355 Signalization Project (Q12)

AQ Code 20020 Philadelphia

Modernization and coordination of traffic signals along Girard Avenue resulting in a network of traffic signals which can be programmed for transit vehicle progression and preemption through tie-ins to SEPTA's light rail locator network or roadway detectors.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	3,200				
CON	LOCAL	133				
CON	TBOND	667				
DES	ACT3	425				
DES	LOCAL	15				
Fiscal Year Total		4,440	0	0	0	0
		Total FY 01-04 Cost		4,440		

TIP# 9797 *Arterial Interconnect 99 #2 (Q16)*

MPMS# 59402

AQ Code 20050 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.)

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL	30				
DES	LOCAL		70			
CON	CMAQ				1,835	
Fiscal Year Total		30	70	0	1,835	0
		Total FY 01-04 Cost		1,935		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9798** *Tioga Marine Terminal Intermodal*  
**MPMS# 59446** Transfer Expansion and Rail Imp. (Q21)  
N. Delaware Ave., Tioga St.  
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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	45				
CON	CMAQ					400
CON	LOCAL					100
Fiscal Year Total		45	0	0	0	500
		Total FY 01-04 Cost		45		

**TIP# 9799** *Manayunk Travel Awareness Campaign (Q24)*  
**MPMS# 60682**

AQ Code X Philadelphia

An educational effort consisting of interactive workshops, media, and special materials and publications designed to alter the travel behavior of residents and visitors to the Manayunk area.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	CMAQ	220				
PLS	LOCAL	73				
Fiscal Year Total		293	0	0	0	0
		Total FY 01-04 Cost		293		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9800A** *Lehigh Ave.*

**MPMS# 57893** Richmond St. to Broad St.

Signal Modernization

AQ Code 2005M North Phila., Kensington, Port Richmond

Signal modernization (23 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY	121				
DES	LOCAL	56				
DES	HWY		120			
DES	LOCAL		30			
CON	HWY				2,080	
CON	LOCAL				520	
Fiscal Year Total		177	150	0	2,600	0
			Total FY 01-04 Cost		2,927	

**TIP# 9800B** *Lehigh Ave.*

**MPMS# 62717** Ridge Ave. to Broad St.

Signal Modernization

AQ Code 2005M North Phila., Kensington, Port Richmond

Signal modernization (18 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY	176				
DES	LOCAL	44				
DES	HWY		120			
DES	LOCAL		30			
CON	HWY				1,760	
CON	LOCAL				440	
Fiscal Year Total		220	150	0	2,200	0
			Total FY 01-04 Cost		2,570	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

**Philadelphia**

**TIP# 9801** *Stenton Ave. and Godfrey Ave.*

**MPMS# 57894**

AQ Code 2005M Signal Modernization  
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 2001	FY 2002	FY 2003	FY 2004	
DES	HWY	160				
DES	LOCAL	40				
DES	HWY		300			
DES	LOCAL		75			
CON	HWY				3,200	
CON	LOCAL				800	
Fiscal Year Total		200	375	0	4,000	0
			Total FY 01-04 Cost		4,575	

**TIP# 9802** *City Wide 3R, Phase III*

**MPMS# 57895**

AQ Code X City-wide  
Reconstruction/Restoration/Resurfacing  
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 2001	FY 2002	FY 2003	FY 2004	
DES	HWY	80				
DES	LOCAL	20				
CON	HWY					1,760
CON	LOCAL					440
Fiscal Year Total		100	0	0	0	2,200
			Total FY 01-04 Cost		100	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9803** *Red Lion Rd.*

**MPMS# 57896** Roosevelt Blvd. to Montgomery Co. Line

Signal Modernization

AQ Code 2015/20 Northeast Philadelphia

Signal modernization (7 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ					880
CON	LOCAL					220
DES	CMAQ					80
DES	LOCAL					20
Fiscal Year Total		0	0	0	0	1,200
		Total FY 01-04 Cost				0

**TIP# 9804** *Haverford Ave.*

**MPMS# 57897** 40th St. to City Ave.

Signal Modernization

AQ Code 2015/20 West Philadelphia

Signal modernization (33 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY		280			
DES	LOCAL		70			
CON	HWY				3,040	
CON	LOCAL				760	
Fiscal Year Total		0	350	0	3,800	0
		Total FY 01-04 Cost				4,150

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9805** *Lancaster Ave.*

**MPMS# 57898** 45th St. to City Ave.

Signal Modernization

AQ Code 2015/20 West Philadelphia

Signal modernization (10 intersections), minor roadway improvements, pavement markings and related work.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ		220			
DES	LOCAL		55			
CON	CMAQ					1,120
CON	LOCAL					280
Fiscal Year Total		0	275	0	0	1,400
		Total FY 01-04 Cost		275		

**TIP# 9806** *Germantown Ave. over Cresheim Creek*

**MPMS# 57899** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR		640			
DES	LOCAL		160			
DES	STATE		160			
CON	BR				640	
CON	LOCAL				80	
CON	STATE				80	
Fiscal Year Total		0	960	0	800	0
		Total FY 01-04 Cost		1,760		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Philadelphia

TIP# 9807 *Abbottsford Ave. over SEPTA*

MPMS# 57900 west of Wissahickon Ave.

AQ Code X Bridge Replacement  
Nicetown, East Falls

Replacement of existing structure and related work.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ROW	BR			80		
ROW	LOCAL			10		
ROW	STATE			10		
CON	BR					2,000
CON	LOCAL					250
CON	STATE					250
DES	BR					240
DES	LOCAL					30
DES	STATE					30
Fiscal Year Total		0	0	100	0	2,800
Total FY 01-04 Cost					100	

TIP# 9808 *City Wide 3R, Phase IV*

MPMS# 57901 City-wide

AQ Code X Reconstruction/Restoration/Resurfacing  
Philadelphia

Milling/resurfacing/restoration of existing roadways, minor drainage improvements, guide rail, pavement markings and related work.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY		80			
DES	LOCAL		20			
CON	HWY					1,760
CON	LOCAL					440
Fiscal Year Total		0	100	0	0	2,200
Total FY 01-04 Cost					100	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9809** *City Wide 3R, Phase V*

**MPMS# 57902** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY		80			
DES	LOCAL		20			
CON	HWY					1,760
CON	LOCAL					440
Fiscal Year Total		0	100	0	0	2,200
		Total FY 01-04 Cost			100	

**TIP# 9810** *City Wide 3R, Phase VI*

**MPMS# 57903** 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	HWY			80		
DES	LOCAL			20		
CON	HWY					1,760
CON	LOCAL					440
Fiscal Year Total		0	0	100	0	2,200
		Total FY 01-04 Cost			100	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9811 PA 291, Platt Bridge

MPMS# 57904 over Schuylkill River

Bridge Painting (Preventive Maintenance)

AQ Code X Philadelphia

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	BR	80				
PE	STATE	20				
DES	BR		400			
DES	STATE		100			
ROW	BR				40	
ROW	STATE				10	
CON	BR					8,000
CON	STATE					2,000
Fiscal Year Total		100	500	0	50	10,000
		Total FY 01-04 Cost				650

TIP# 9812 I-95

MPMS# 57905 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	BR		1,200			
CON	STATE		300			
Fiscal Year Total		0	1,500	0	0	0
		Total FY 01-04 Cost				1,500

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9813 I-95

MPMS# 57874 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 2001	FY 2002	FY 2003	FY 2004	
DES	HWY					4,800
DES	STATE					1,200
ROW	HWY					6,400
ROW	STATE					1,600
CON	HWY					32,000
CON	STATE					8,000

Fiscal Year Total 0 0 0 0 54,000

Total FY 01-04 Cost 0

TIP# 9814 I-95 Design Review Manager

MPMS# 46959 Race St. to Neshaminy Creek

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	BR		3,200			
DES	STATE		800			

Fiscal Year Total 0 4,000 0 0 0

Total FY 01-04 Cost 4,000

TIP# 9815 Woodhaven Rd.

MPMS# 51214

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	ST-SP	11,520				
ROW	ST-SP	722				

Fiscal Year Total 12,242 0 0 0 0

Total FY 01-04 Cost 12,242

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9816** **41st Street Bridge**

**MPMS# 56768** over Amtrak's Harrisburg Line

Bridge Replacement

AQ Code X Philadelphia

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	LOCAL	25				
DES	BR*		400			
DES	STA*		75			
ROW	BR			1,200		
ROW	LOCAL			75		
ROW	STATE			225		
CON	BR					4,800
CON	LOCAL					300
CON	STATE					900
Fiscal Year Total		25	475	1,500	0	6,000
			Total FY 01-04 Cost		2,000	

**TIP# 9817** **Passyunk Avenue**

**MPMS# 0** Broad St. to 63rd St.

Signal Modernization

AQ Code 2015/20 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	CMAQ	41				
PE	LOCAL	10				
PE	CMAQ		150			
PE	LOCAL		39			
Fiscal Year Total		51	189	0	0	0
			Total FY 01-04 Cost		240	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

TIP# 9818 *Water Taxi System*

MPMS# 62892

AQ Code X Philadelphia

This project is for north-south travel on the Philadelphia side of the Delaware River and includes the purchase of vessels, the purchase and installation of docks and ramps, and the repair of sea walls.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PUR	DEMO	703				
PUR	PLC	176				
Fiscal Year Total		879	0	0	0	0
Total FY 01-04 Cost					879	

TIP# 9819 *Passyunk Avenue Drawbridge*

MPMS# 62694 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 2001	FY 2002	FY 2003	FY 2004	
PE	BR	280				
PE	STATE	70				
CON	BR					1,360
CON	STATE					340
Fiscal Year Total		350	0	0	0	1,700
Total FY 01-04 Cost					350	

TIP# 9820 *Henry Ave. Bridge*

MPMS# 17350 over Wissahickon Creek

Bridge Rehabilitation

AQ Code X Philadelphia

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
DES	BR		160			
DES	STATE		40			
Fiscal Year Total		0	200	0	0	0
Total FY 01-04 Cost					200	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9821** *Henry Ave. Bridge*

**MPMS# 17817** over SEPTA R6 Line

Bridge Rehabilitation

AQ Code X Philadelphia

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
DES	BR		240		
DES	STATE		60		

Fiscal Year Total	0	300	0	0	0
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Total FY 01-04 Cost	300
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**TIP# 9822** *Century Lane Bridge*

**MPMS# 0** 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 structure will be preserved as is.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
CON	LOCAL	1,500			
CON	BR*		1,200		
CON	LOC*		300		

Fiscal Year Total	1,500	1,500	0	0	0
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Total FY 01-04 Cost	3,000
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**TIP# 9823** *Chestnut St./Walnut St.*

**MPMS# 63255** 38th St. to Cobbs Creek Parkway

Bicycle Lane Evaluation

AQ Code X Philadelphia

Explore the feasibility of establishing bicycle lanes on each of these streets from 38th St. to Cobbs Creek Parkway. This study will include a capacity analysis to determine whether traffic lane reduction can be effected through this corridor.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>
PE	CMAQ	44			
PE	LOCAL	11			

Fiscal Year Total	55	0	0	0	0
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Total FY 01-04 Cost	55
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# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Philadelphia

**TIP# 9824**      **25th St. Viaduct**

**MPMS# 63256**      Washington Ave. to Passyunk Ave.

Bicycle Lane Evaluation

AQ Code X      Philadelphia

This roadway is beneath a railroad viaduct, the columns of which create an unusual inner/outer lane configuration. The study will concentrate on possible closure of the inner lanes, if capacity permits, and creation of a bikeway in the area now occupied by the inner lanes.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	CMAQ	44				
PE	LOCAL	11				
Fiscal Year Total		55	0	0	0	0
		Total FY 01-04 Cost				55

**TIP# 9825**      **North Broad St./Avenue of the Arts**

**MPMS# 17813**      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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	LOCAL		3,100			
CON	STU		5,900			
DES	LOCAL		75			
DES	STU		298			
Fiscal Year Total		0	9,373	0	0	0
		Total FY 01-04 Cost				9,373

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Philadelphia

TIP# 9826 I-95 Corridor Coalition ITS

MPMS# 64336

Intelligent Transportation System

AQ Code X

This project will further expand efforts related to the Philadelphia Agile Port System Project. It will collect information on traffic conditions and drayage movements (containers moving to and from the ports and intermodal facilities) and make that information available to truckers, dispatchers, and city and regional traffic system managers as an aid in scheduling truck flow in and out of the ports, airport, and regional intermodal hubs. The total proposed project budget is \$300,000. FHWA awarded two grants totaling \$135,000. The remaining funds will be provided as local match.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
ENG	ITS		135			
ENG	LOCAL		165			
Fiscal Year Total		0	300	0	0	0
		Total FY 01-04 Cost		300		
Total for Philadelphia		129,706	137,211	113,892	87,085	572,140
		Total FY 01-04 Cost		467,894		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0515 **BETTERMENT PROJECTS ('3R')**  
MPMS# 17876 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' projects is to make whatever improvements are necessary to bring the road up to current standards.

Projects funded under this line item in calendar year 2002 include:

- \$3,660,000 for State Route 261, Section M00 Foulk Road
- \$1,168,000 for State Route 1, City Avenue Bridge
- \$409,000 for Route 100, Chester-Farmington
- \$813,000 FOR Route 3, West Chester By-Route 352
- \$12.428 million for PA 63 Woodhaven Road
- \$4.7 million for PA 73 Church Road
- \$140,000 OFFSITE Route 309
- \$90,000 Bethel Rd. Bridge

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	HWY	190				
CON	ST187	7,130				
CON	STU	2,640				
CON	HWY		409			
CON	ST187		5,708			
Fiscal Year Total		<b>9,960</b>	<b>6,117</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 01-04 Cost</b>		<b>16,077</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0517 RAILROAD/HIGHWAY GRADE CROSSINGS

MPMS# 36927 REGIONWIDE IMPROVEMENTS

8694601

AQ Code X

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	SFTY					
ERC	ST187	221				
CON	SFTY		299			
ERC	SFTY		95			
ERC	ST187		280			
ERC	SFTY			1,880		
ERC	ST187			240		
ERC	SFTY				2,520	
ERC	ST187				280	
Fiscal Year Total		221	674	2,120	2,800	0
Total FY 01-04 Cost					5,815	

TIP# 0521 TransitChek Mass Marketing Efforts

MPMS# 17891

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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PLS	CMAQ	160				
PLS	LOCAL	40				
PLS	CMAQ		160			
PLS	LOCAL		40			
PLS	CMAQ			160		
PLS	LOCAL			40		
PLS	CMAQ				160	
PLS	LOCAL				40	
Fiscal Year Total		200	200	200	200	0
Total FY 01-04 Cost					800	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Various

TIP# 0532 MOBILITY ALTERNATIVES PROGRAM (MAP)

MPMS# 17900 AND SHARE-A-RIDE PROGRAM (SAR)

060C004T

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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	CMAQ	654				
PLS	LOCAL	109				
PLS	STATE	54				
PLS	CMAQ		654			
PLS	LOCAL		109			
PLS	STATE		54			
PLS	CMAQ			654		
PLS	LOCAL			109		
PLS	STATE			54		
PLS	CMAQ				654	
PLS	LOCAL				109	
PLS	STATE				54	
Fiscal Year Total		817	817	817	817	0
Total FY 01-04 Cost					3,268	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Various

TIP# 0535 Transportation Enhancement Program

MPMS# 0

AQ Code X

The following projects were selected as part of the 2002 Transportation Enhancement Program:

Perkiomen Trail Phase III - \$1,000,000  
New Hope Cultural Canal Walk - \$316,000  
Sycamore Street Streetscape - \$1,190,000  
Marcus Hook Streetscape - \$1,507,000  
Ambler Streetscape - \$552,000  
Downingtown Ped/Bikeways - \$472,000  
Park Road Pedestrian Bridge - \$608,000  
Pennsylvania Avenue Improvements - \$960,000  
Sharon Hill Train Station Building Rehabilitation - \$342,000  
Chester City Riverwalk - \$555,000  
Doylestown Broad Street Improvements - \$601,000  
Lincoln Highway Enhancements - \$525,000  
Lower Merion Business District Signage - \$345,000  
Quakertown Station - \$100,000  
Phoenixville Column Bridge - \$300,000  
East Coast Greenway in SE Pennsylvania - \$500,000  
Chester City Riverwalk/East Coast Greenway - \$500,000  
Delaware Canal Lock #11 - \$1,133,000  
Controlling Outdoor Advertising - \$88,000

SEE TIP # S090 for TRANSIT TE (TTE) PROJECTS AND FUNDING

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	LOCAL		5,664			
ERC	TE		8,844			
Fiscal Year Total		0	14,508	0	0	0
Total FY 01-04 Cost					14,508	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0536 Telecommuting: The Green Commute

MPMS# 49318 Phase II

AQ Code X

In Phase 2 of the Green Commute Program the Clean Air Council will (1) continue its participation in the Ozone Action Program, (2) complete the telecommuting database, (3) continue to work with the media to promote the benefits of telecommuting, (4) continue to reach out to the public and corporate managers, (5) operate a hotline and a resource center for telecommuters and managers, and (6) update and publish the telecommuting resource guide.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PLS	CMAQ	120				
PLS	LOCAL	30				
Fiscal Year Total		150	0	0	0	0
		Total FY 01-04 Cost			150	

TIP# 0537 ALTERNATIVE FUEL PROJECT (C017A)

MPMS# 17907

060S001Q Alternatively fueled vehicles

AQ Code X

This project provides for the acquisition of 12 forty-foot, low floor hybrid/electric powered buses with an option to purchase 20 additional buses. These buses, through a combination of an internal-combustion engine to produce electricity, storage batteries and an electric propulsion system, will provide a quieter ride for our customers, reduce exhaust emissions and fuel consumption, and improve brake life through regenerative braking.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CON	CMAQ		5,608			
CON	LOCAL		233			
CON	T-STA		1,169			
Fiscal Year Total		0	7,010	0	0	0
		Total FY 01-04 Cost			7,010	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Various

TIP# 0563 OZONE ACTION PROGRAM

MPMS# 17928 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	CMAQ	92				
PLS	DEP	15				
PLS	LOCAL	8				
PLS	CMAQ		100			
PLS	DEP		15			
PLS	LOCAL		10			
PLS	CMAQ			108		
PLS	DEP			15		
PLS	LOCAL			12		
PLS	CMAQ				120	
PLS	DEP				15	
PLS	LOCAL				15	
Fiscal Year Total		115	125	135	150	0
			Total FY 01-04 Cost		525	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0564 CSX Trenton Line

MPMS# 48197 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 2001	FY 2002	FY 2003	FY 2004	
DES	DEMO	2,536				
DES	PRIV	634				
CON	DEMO		2,464			
CON	PRIV		3,965			
CON	HWY			5,000		
CON	PRIV			1,250		
Fiscal Year Total		3,170	6,429	6,250	0	0
		Total FY 01-04 Cost		15,849		

TIP# 0565 On-Road Bicycle Mobility Improvements

MPMS# 48205

AQ Code X Various Municipalities

Types of improvements include bike route designation, widening to accommodate bike lanes, shoulder striping, shoulder or climbing lane construction, and ancillary improvements.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	CMAQ	188				
ERC	LOCAL	114				
ERC	CMAQ		1,380			
ERC	LOCAL		353			
ERC	CMAQ			977		
ERC	LOCAL			245		
Fiscal Year Total		302	1,733	1,222	0	0
		Total FY 01-04 Cost		3,257		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0566 *Regional Park and Ride Program*

MPMS# 17884 Projects to be determined

AQ Code X

This line item will enable the region to construct new or expanded park and ride lots at rail transit stations and along major bus routes for transit users and/or adjacent to arterial highways for car and van pool users. Specific locations will be identified by the counties and SEPTA in cooperation with DVRPC.

This project also provides funding for the operating costs of the Cornwells Heights Station Park and Ride Shuttle Bus for three years.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	CMAQ			800		
ERC	LOCAL			200		
Fiscal Year Total		0	0	1,000	0	0
		Total FY 01-04 Cost		1,000		

TIP# 0568 *Regional ITS Initiative*

MPMS# 48198 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 2001	FY 2002	FY 2003	FY 2004	
PE	DEMO	500				
PE	STATE	125				
ERC	CMAQ			606		
ERC	STATE			152		
Fiscal Year Total		625	0	758	0	0
		Total FY 01-04 Cost		1,383		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Various

TIP# 0569 *Transportation Management Associations*

MPMS# 48199

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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	CMAQ	720				
PLS	LOCAL	180				
PLS	CMAQ		768			
PLS	LOCAL		192			
PLS	CMAQ			500		
PLS	LOCAL			125		
PLS	CMAQ				500	
PLS	LOCAL				125	
Fiscal Year Total		900	960	625	625	0
			Total FY 01-04 Cost		3,110	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0571 DVRPC Competitive CMAQ Program - 2

MPMS# 48201 TEA-21 Round 2

AQ Code X

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.

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.

Candidate projects will be submitted to DVRPC and reviewed by a CMAQ oversight committee for initial eligibility and general merits. Projects that survive this screening process will then be subjected to an air quality emissions analysis. All projects must show a reduction in emissions using PennDOT standardized tests to remain eligible.

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 will be ranked and then selected by the DVRPC Board for inclusion in the TIP.

Round 2 of the CMAQ program reserves \$25 million of federal CMAQ funds for the TIP period, to be matched by at least \$6.25 million from Local funds. (Programming for Round 1 is shown in TIP #O10).

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	CMAQ	80				
ERC	LOCAL	20				
ERC	CMAQ		780			
ERC	LOCAL		195			
ERC	CMAQ			4,000		
ERC	LOCAL			1,000		
ERC	CMAQ				20,000	
ERC	LOCAL				5,000	
Fiscal Year Total		100	975	5,000	25,000	0
			Total FY 01-04 Cost		31,075	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0572 *Regional GIS Support*

MPMS# 48202 Pennsylvania Subregion

AQ Code X

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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	LOCAL	125				
PLS	STU	500				
PLS	LOCAL		125			
PLS	STU		500			
Fiscal Year Total		625	625	0	0	0
		Total FY 01-04 Cost		1,250		

TIP# 0576 *Smart Bridges*

MPMS# 57228 DRPA Bridges

Intelligent Transportation Systems

AQ Code X

This project will integrate various ITS applications from planning, systems engineering, and operations perspectives. It will enhance communication and incident response capabilities and support evolving regional and national ITS architecture.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	DEMO	995				
CON	DRPA	995				
Fiscal Year Total		1,990	0	0	0	0
		Total FY 01-04 Cost		1,990		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0577 Program Management for Non-Traditional

MPMS# 49328 Project Implementation

AQ Code X

This project will provide for an expansion of DVRPC staff to assist PennDOT in the implementation of non-traditional transportation projects. The assistance will generally involve facilitation and coordination among the projects' applicant, PennDOT district staff, PennDOT central staff, and FHWA. Staff will consist of a section manager and two to four project managers.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PRD	STATE	25				
PRD	TE	100				
PRD	STATE		51			
PRD	TE		200			
PRD	STATE			38		
PRD	TE			150		
PRD	STATE				38	
PRD	TE				150	
Fiscal Year Total		125	251	188	188	0
Total FY 01-04 Cost					752	

TIP# 0581 ITS: Schuylkill Expressway Corridor

MPMS# 57327 Incident/Traffic Management Plan

Phase II

AQ Code X

The purpose of this project is to identify ways to manage traffic on parallel arterials when affected by the incidents within the whole Schuylkill Expressway corridor. A unified traffic management/signal coordination plan will be created to handle both routine traffic flows and traffic displaced from the Schuylkill Expressway when an incident shuts it down. Phase I of the project will result in an inventory of existing route markers, directional signs, and other navigational aids that may impact traffic diversions. A recommendation on new signing will be advanced. Phase II will include the development of the unified traffic management plan, including roles, responsibilities, equipment needs, and cost.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PLS	CMAQ	28				
PLS	STATE	7				
Fiscal Year Total		35	0	0	0	0
Total FY 01-04 Cost					35	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

**TIP# 0582** *"Share the Road" Campaign*

**MPMS# 61720**

AQ Code X

Design and execution of a regionwide public information campaign targeting bicyclists and motorists.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	CMAQ	300				
Fiscal Year Total		300	0	0	0	0
Total FY 01-04 Cost					300	

**TIP# 0583** *Purchase of Emissions Reduction*

**MPMS# 58667** Devices on 400 Buses (Q02)

AQ Code X

Purchase and installation of emissions filters on 400 of SEPTA's newest 40-foot buses, which will operate throughout the five-county area. These filters reduce the components of diesel engine exhaust to levels that compete equally with the exhaust of a natural gas engine.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PUR	CMAQ	1,485				
PUR	LOCAL	62				
PUR	TBOND	309				
Fiscal Year Total		1,856	0	0	0	0
Total FY 01-04 Cost					1,856	

**TIP# 0584** *Marketing of Regional Rail Service*

**MPMS# 59019** at Stations with Parking Capacity (Q03)

AQ Code X

Dissemination of information to potential riders in the surrounding area of rail stations with available parking capacity. Marketing methods will include direct mail, local advertizing, and a customer accessible database of parking availability.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	CMAQ	224				
PLS	LOCAL	56				
Fiscal Year Total		280	0	0	0	0
Total FY 01-04 Cost					280	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0585 *Bicycle Racks on Buses Project (Q04)*

MPMS# 59020

AQ Code X

Purchase and installation of front mounted, fold-down bike racks on 43 thirty-foot buses on 14 suburban bus routes. Each rack will be capable of carrying two bicycles.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	24				
CON	LOCAL	1				
CON	TBOND	5				
Fiscal Year Total		30	0	0	0	0
Total FY 01-04 Cost					30	

TIP# 0586 *Bicycle Lockers and Racks*

MPMS# 59293 at Rail Stations Project (Q06)

AQ Code X

Design and installation of inverted U shaped bicycle racks and fully enclosed lockers at ten additional SEPTA rail stations. Lockers will be installed in groups of six per station and will be available for a modest rental, and at least four racks will be installed at each station.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	CMAQ	85				
CON	LOCAL	4				
CON	TBOND	18				
DES	CMAQ	11				
DES	LOCAL	1				
DES	TBOND	2				
Fiscal Year Total		121	0	0	0	0
Total FY 01-04 Cost					121	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0588 *Regional Bicycle Mobility Map*

MPMS# 60678

AQ Code X

Production of a bicycle map covering the suburban PA counties, as a companion to the Philadelphia bicycle map, which will include on and off-road facilities (bike lanes and bike trails), transit stops, and major trip generators.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	CMAQ	109				
PLS	LOCAL	27				
Fiscal Year Total		136	0	0	0	0
		Total FY 01-04 Cost			136	

TIP# 0589 *Greater Philadelphia Clean Cities*

MPMS# 60686 Clean Fueled Fleets Rebate Program (Q25)

AQ Code X

Expand the market for alternative fueled vehicles (AFV) by offering rebates of up to \$4000 per light duty AFV, up to \$7000 per medium duty AFV, and up to \$10,000 per heavy duty AFV. Focus will be on fleets in which AFVs are likely to be successful such as shuttle fleets, taxis, airport related fleets, and local delivery fleets.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PLS	CMAQ	387				
PLS	LOCAL	153				
Fiscal Year Total		540	0	0	0	0
		Total FY 01-04 Cost			540	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0590 City Avenue-Manayunk Circulator

MPMS# 60693

AQ Code 20020 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.

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

#### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
OP	CMAQ	427				
OP	LOCAL	107				
PE	CMAQ	4				
PE	LOCAL	1				
Fiscal Year Total		539	0	0	0	0
		Total FY 01-04 Cost			539	

TIP# 0591 Easton Road Closed Loop

MPMS# 61061 Traffic Signal System (Q66)

AQ Code 20050 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 2001	FY 2002	FY 2003	FY 2004	
DES	LOCAL	17				
PE	LOCAL	41				
CON	CMAQ			372		
ROW	LOCAL			18		
Fiscal Year Total		58	0	390	0	0
		Total FY 01-04 Cost			448	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0592 *Regional Safety Initiatives*

MPMS# 57927 Various locations regionwide

AQ Code X

PennDOT will undertake various hazard elimination treatments at locations across the five county region.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
ERC	HWY		680			
ERC	STATE		200			
ERC	HWY			800		
ERC	STATE			200		
ERC	HWY				800	
ERC	STATE				200	
ERC	HWY					800
ERC	STATE					200
Fiscal Year Total		0	880	1,000	1,000	1,000
Total FY 01-04 Cost					2,880	

TIP# 0594 *ITS Institutional Coordination (PRIMIS)*

MPMS# 51325 Regionwide

AQ Code X

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 2001	FY 2002	FY 2003	FY 2004	
PLS	CMAQ	240				
PLS	STATE	60				
PLS	CMAQ		720			
PLS	STATE		180			
PLS	CMAQ			480		
PLS	STATE			120		
PLS	CMAQ				480	
PLS	STATE				120	
Fiscal Year Total		300	900	600	600	0
Total FY 01-04 Cost					2,400	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

### Various

TIP# 0595 *Bridge Design Manager*

MPMS# 62568

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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	BR	400				
DES	STATE	340				
Fiscal Year Total		740	0	0	0	0
Total FY 01-04 Cost					740	

TIP# 0596 *Retrofit for Bike Lane and Shoulders*

MPMS# 63406 *Regionwide*

AQ Code X

The purpose of this project is to place an engineering consultant on retainer to undertake the necessary design work to retrofit bike lanes and shoulders where appropriate, coincident with resurfacing projects. The consultant will develop pavement marking plans and determine the feasibility for bike accommodations for in house design projects.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	CMAQ	240				
PE	STATE	60				
Fiscal Year Total		300	0	0	0	0
Total FY 01-04 Cost					300	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Various

TIP# 0597 Transp. & Community Dev. Initiative-TCDI

MPMS# 64652 Projects to be Determined

AQ Code X

Various

The Transportation and Community Development Initiative (TCDI) provides a mechanism for the individual municipalities of the Delaware Valley to undertake locally-directed actions to improve their communities, which in turn implements their local and county comprehensive plans and supports the goals and vision of the regional plan. Pennsylvania and New Jersey, as well as a number of counties within the region, have programs now underway to support community revitalization.

The regional Transportation and Community Development Initiative seeks to support and leverage those programs, by providing funding of up to \$100,000 in selected municipalities to undertake planning, analysis or design initiatives for projects or programs which enhance development or redevelopment and improve the efficiency or enhance the regional transportation system. A 20% cash or in-kind match is required.

The program is targeted to the core cities, inner-ring suburbs, and older boroughs of the region that have lost jobs and population and are in need of assistance to generate growth and redevelopment. 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	LOCAL		250			
PE	STU		1,000			
Fiscal Year Total		0	1,250	0	0	0
			Total FY 01-04 Cost		1,250	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

Various

TIP# 7918 *Bicyclists Baltimore Pike*

MPMS# 0

AQ Code X

Various

An east-west route roughly parallel to Baltimore Pike comprised of the following roads: Brookhaven Road (SR 3003), Avondale Road (local), Yale Avenue (local), Morton Avenue (SR 2025), Woodland Avenue/Kedron Avenue (SR 452), SR 2010 (Franklin Ave./South Ave./Providence Rd.), Lansdowne Avenue (SR 2005), Baily Road (local), Church Lane (SR 2001), 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PE	CMAQ	65				
DES	CMAQ		19			
CON	CMAQ			200		
Fiscal Year Total		65	19	200	0	0
		Total FY 01-04 Cost			284	
Total for Various		24,600	43,473	20,505	31,380	1,000
		Total FY 01-04 Cost			119,958	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Highway Program

	2001	2002	2003	2004	Later FYs
<b>Grand Total</b>	397,459	454,651	472,222	366,547	2,639,042
		Total FY 01-04 Cost		1,690,879	

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**FY 2001-2004**  
**Transportation Improvement Program**  
**Pennsylvania Subregion**

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**Transit Projects**



**Delaware Valley Regional Planning Commission**

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

PennDOT

TIP# PA01 HARRISBURG RAIL LINE IMPROVEMENTS

MPMS# 0

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 2001	FY 2002	FY 2003	FY 2004	
CON	FTA-F	13,685				
CON	T-STA	3,421				
CON	FTA-F		24,000			
CON	T-STA		6,000			
CON	FTA-F			6,798		
CON	T-STA			1,699		
CON	FTA-F				6,798	
CON	T-STA				1,699	
Fiscal Year Total		17,106	30,000	8,497	8,497	0
			Total FY 01-04 Cost		64,100	

TIP# PA03 FTA SECTION 5310 PROGRAM

MPMS# 0 Capital Assistance for Transportation of  
Elderly and Disabled Persons

AQ Code X

Bucks County Transport, Inc., \$247,200  
The Babbist Home of Philadelphia, \$49,900  
Cerebral Palsy Association of Chester County, Inc., \$174,300  
Community Transit of Delaware County, \$213,200  
Intercommunity Action, Inc., \$40,800  
Jewish Employment and Vocational Service, \$40,800  
Cerebral Palsy Association of Delaware County, \$132,300  
Suburban Transit Network, Inc., Montgomery County, \$215,600  
Programs Employing People, Philadelphia, \$46,000  
Wheels, Inc., Philadelphia, \$157,100  
The Association for Independent Growth, Philadelphia, \$77,800  
Ken-Crest Services, Philadelphia, \$131,600

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	5310	1,174				
CAP	LOCAL	293				
CAP	5310		1,221			
CAP	LOCAL		305			
Fiscal Year Total		1,467	1,526	0	0	0
			Total FY 01-04 Cost		2,993	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

PennDOT					
Total for PennDOT	18,573	31,526	8,497	8,497	0
Total FY 01-04 Cost			67,093		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

Pottstown

TIP# PT010 OPERATING ASSISTANCE

MPMS# 0 POTTSTOWN URBAN TRANSIT

AQ Code X Pottstown Boro.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
OP	FTA-F	570				
OP	LOCAL	194				
OP	T-STA	376				
OP	FLEX		100			
OP	FTA-F		610			
OP	LOCAL		207			
OP	T-STA		403			
OP	FTA-F			610		
OP	LOCAL			207		
OP	T-STA			403		
OP	FTA-F				610	
OP	LOCAL				207	
OP	T-STA				403	
Fiscal Year Total		1,140	1,320	1,220	1,220	0
			Total FY 01-04 Cost		4,900	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

### Pottstown

TIP# PT021 *Transit Mall and Park*

MPMS# 0 Downtown Pottstown

AQ Code X Pottstown Boro.

This project involves the creation of transit-related park and pedestrian mall on about one acre of undeveloped land in Pottstown's business district. Improvements include planting, landscaping and grading, a bus shelter, bike racks, benches, trash cans, lighting, and public art. This area will serve as the focus and connection for public transportation in the borough. The parcel lies adjacent to the hub of Pottstown Urban Transit, where all five bus routes link. SEPTA's Route 93 bus also terminates at this location.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	ACT26	67				
CON	FTA-F	320				
CON	LOCAL	13				
DES	ACT26	10				
DES	FTA-F	48				
DES	LOCAL	2				
CON	ACT26		283			
CON	FTA-F		640			
CON	LOCAL		27			
Fiscal Year Total		460	950	0	0	0
			Total FY 01-04 Cost		1,410	

TIP# PT022 *Bus Turn-Around Facility*

MPMS# 0 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	ACT26		25			
CON	FTA-F		120			
CON	LOCAL		5			
DES	ACT26		6			
DES	FTA-F		28			
DES	LOCAL		1			
ROW	ACT26		6			
ROW	FTA-F		28			
ROW	LOCAL		1			
Fiscal Year Total		0	220	0	0	0
			Total FY 01-04 Cost		220	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

Pottstown					
Total for Pottstown	1,600	2,490	1,220	1,220	0
Total FY 01-04 Cost				6,530	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# AM01 Remanufacture of Electric Locomotives**

**MPMS# 0**

AQ Code X

This project involves remanufacturing 30 electric locomotives that are currently in service and are 12 to 15 years old. This project is critical to Amtrak's strategic business plan of initiating new and improved Acela Regional service on the Northeast Corridor.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	Amtrk	91,200				
CAP	TIFIA	28,800				
Fiscal Year Total		120,000	0	0	0	0
		Total FY 01-04 Cost		120,000		

**TIP# S006 WAYNE JUNCTION TO GLENSIDE**

**MPMS# 0 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307	9,600				
CAP	LOCAL	400				
CAP	TBOND	2,000				
CAP	5307		8,000			
CAP	LOCAL		333			
CAP	TBOND		1,667			
CAP	5307			8,113		
CAP	LOCAL			338		
CAP	TBOND			1,691		
Fiscal Year Total		12,000	10,000	10,142	0	0
		Total FY 01-04 Cost		32,142		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S007 Market-Frankford Infrastructure Imp.

MPMS# 0 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 2001	FY 2002	FY 2003	FY 2004	
CAP	5307	2,400				
CAP	LOCAL	100				
CAP	TBOND	500				
CAP	5307		2,400			
CAP	LOCAL		100			
CAP	TBOND		500			
CAP	5307			4,617		
CAP	LOCAL			192		
CAP	TBOND			962		
Fiscal Year Total		3,000	3,000	5,771	0	0
Total FY 01-04 Cost					11,771	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S008 CAPITAL ASSET LEASE PROGRAM

MPMS# 0

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: utility vehicles, Philadelphia fixed rent, 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAL	5307	4,456				
CAL	ACT26	36,736				
CAL	LOCAL	1,265				
CAL	5307		423			
CAL	ACT26		37,485			
CAL	LOCAL		1,285			
CAL	5307			1,200		
CAL	ACT26			37,181		
CAL	LOCAL			1,281		
CAL	5307				1,200	
CAL	ACT26				37,840	
CAL	LOCAL				1,303	
Fiscal Year Total		<b>42,457</b>	<b>39,193</b>	<b>39,662</b>	<b>40,343</b>	0
			<b>Total FY 01-04 Cost</b>		<b>161,655</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S011 UTILITY FLEET RENEWAL PROGRAM**

**MPMS# 0** REPLACEMENT OF NON-REVENUE VEHICLES

TO SUPPORT TRANSIT & RR OPERATION

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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307	2,400				
CAP	LOCAL	100				
CAP	TBOND	500				
CAP	5307		2,400			
CAP	LOCAL		100			
CAP	TBOND		500			
CAP	5307			2,400		
CAP	LOCAL			100		
CAP	TBOND			500		
CAP	5307				2,400	
CAP	LOCAL				100	
CAP	TBOND				500	
CAP	FTA-F					19,200
CAP	LOCAL					799
CAP	TBOND					4,001
Fiscal Year Total		<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>24,000</b>
		<b>Total FY 01-04 Cost</b>				<b>12,000</b>

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S012 STATE OF GOOD REPAIR INITIATIVES

MPMS# 0 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 Facil – 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/Communic – 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 2001	FY 2002	FY 2003	FY 2004	
CAP	5309	4,755				
CAP	ACT26	7,981				
CAP	ACT3	5,607				
CAP	LOCAL	666				
CAP	TBOND	991				
CAP	5307		6,800			
CAP	ACT26		6,746			
CAP	ACT3		4,371			
CAP	LOCAL		666			
CAP	TBOND		1,417			
CAP	5309			4,755		
CAP	ACT26			7,981		
CAP	ACT3			5,607		
CAP	LOCAL			666		
CAP	TBOND			991		
CAP	5309				4,755	
CAP	ACT26				7,981	
CAP	ACT3				5,607	
CAP	LOCAL				666	
CAP	TBOND				991	
CAP	ACT26					77,336
CAP	ACT3					77,336
CAP	LOCAL					5,328

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

Fiscal Year Total	20,000	20,000	20,000	20,000	160,000
		Total FY 01-04 Cost			80,000

TIP# S014 STATION ACCESSIBILITY PROGRAM  
MPMS# 0 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. Funds will support improvements to the following key stations: Market-Frankford stations at 30th, 13th, and 8th Streets. 13th St. will include improvements at Juniper St. station.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	5309	4,000				
CAP	LOCAL	167				
CAP	TBOND	834				
CAP	5309		4,000			
CAP	LOCAL		167			
CAP	TBOND		834			
CAP	5309			4,000		
CAP	LOCAL			167		
CAP	TBOND			834		
CAP	5309				4,000	
CAP	LOCAL				167	
CAP	TBOND				834	
CAP	FTA-F					11,200
CAP	LOCAL					466
CAP	TBOND					2,334

Fiscal Year Total	5,001	5,001	5,001	5,001	14,000
		Total FY 01-04 Cost			20,004

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S017 DEBT SERVICE

MPMS# 0

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 Limited Revenue Notes, Series 1994, which provided funds for the buyout of existing bus leases.

(2) 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.

(3) 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.

(4) 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DS	ACT26	38,390				
DS	LOCAL	1,322				
DS	ACT26		38,365			
DS	LOCAL		1,322			
DS	ACT26			31,858		
DS	LOCAL			1,097		
DS	ACT26				28,719	
DS	LOCAL				989	
Fiscal Year Total		<b>39,712</b>	<b>39,687</b>	<b>32,955</b>	<b>29,708</b>	0
			<b>Total FY 01-04 Cost</b>		<b>142,062</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S023 MARKET ST. ELEVATED RECONSTRUCTION PROG.**

**MPMS# 0** 45TH ST. TO EAST OF 69TH ST.

RAIL MOD. REHAB. OF DETERIORATED STRUCTURES

AQ Code X West Phila., Upper Darby Twp.

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

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	5309	42,100				
CAP	LOCAL	1,752				
CAP	TBOND	8,773				
CAP	5309		28,127			
CAP	LOCAL		1,172			
CAP	TBOND		5,860			
CAP	5309			29,914		
CAP	LOCAL			1,245		
CAP	TBOND			6,233		
CAP	5309				44,064	
CAP	LOCAL				1,834	
CAP	TBOND				9,182	
CAP	FTA-F					66,917
CAP	LOCAL					2,785
CAP	TBOND					13,944
Fiscal Year Total		<b>52,625</b>	<b>35,159</b>	<b>37,392</b>	<b>55,080</b>	<b>83,646</b>
			<b>Total FY 01-04 Cost</b>		<b>180,256</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S025 BUS PURCHASE PROGRAM

MPMS# 0

AQ Code X

This project provides for the purchase of 200 low floor buses. The new buses will replace 200 fourteen to fifteen year old 40-foot 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.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PUR	5307	6,900				
PUR	FLEX	17,100				
PUR	LOCAL	999				
PUR	TBOND	5,001				
PUR	5307		6,900			
PUR	FLEX		17,100			
PUR	LOCAL		999			
PUR	TBOND		5,001			
PUR	5307			10,900		
PUR	FLEX			17,100		
PUR	LOCAL			1,166		
PUR	TBOND			5,835		
PUR	5307				10,900	
PUR	FLEX				17,100	
PUR	LOCAL				1,166	
PUR	TBOND				5,835	
PUR	FLEX					136,800
PUR	FTA-F					87,200
PUR	LOCAL					9,324
PUR	TBOND					46,676
Fiscal Year Total		30,000	30,000	35,001	35,001	280,000
			Total FY 01-04 Cost		130,002	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S028 BROAD STREET SUBWAY

MPMS# 0 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307	8,000				
CAP	LOCAL	333				
CAP	TBOND	1,667				
CAP	5307		12,800			
CAP	LOCAL		533			
CAP	TBOND		2,667			
CAP	5307			12,800		
CAP	LOCAL			533		
CAP	TBOND			2,667		
CAP	5307				10,735	
CAP	LOCAL				447	
CAP	TBOND				2,237	
Fiscal Year Total		10,000	16,000	16,000	13,419	0
			Total FY 01-04 Cost		55,419	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S030 NORTH PHILADELPHIA TRANSPORTATION CENTER

MPMS# 0

AQ Code X

North Phila.

This project will provide for improvements in the vicinity of Broad Street and Lehigh Avenue in North Philadelphia. The North Philadelphia area is currently served by several SEPTA Regional Rail lines, including Routes R5 Lansdale/Doylestown Line, R6 Norristown Line, R7 Trenton Line and R8 Chestnut Hill West Line; the Broad Street Subway; and City Transit Bus Routes C and 54. SEPTA and AMTRAK's North Philadelphia Railroad Stations are located approximately two blocks north of the Broad Street and Lehigh Avenue intersection and offer SEPTA connections to Chestnut Hill and Trenton and AMTRAK connections to points north and south on the Northeast Corridor. Transit improvements to the area will include the upgrade of the existing facilities and better linkage between all transportation modes.

Major project components include: (1) renovation of the North Philadelphia Broad Street Subway Station, (2) improvements at street level, (3) improvements to Broad and Lehigh mezzanine, (4) improvements to Broad and Glenwood mezzanine, and (5) improvements to the R8 North Philadelphia train station.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5309	1,200				
CAP	LOCAL	50				
CAP	TBOND	250				
Fiscal Year Total		1,500	0	0	0	0
		Total FY 01-04 Cost		1,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S031

CROSS COUNTY METRO

MPMS# 0

GLENLOCH TO MORRISVILLE

INTER-SUBURBAN PASSENGER LINE

AQ Code X

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. A Major Investment Study and Draft Environmental Impact Study was completed in June of 1998. A revision to the Major Investment Study and Draft Environmental Impact Study will be completed in mid-2000.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	FTA-N	10,000				
DES	LOCAL	416				
DES	TBOND	2,084				
Fiscal Year Total		12,500	0	0	0	0
		Total FY 01-04 Cost		12,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S032 FEDERAL PREVENTIVE MAINTENANCE

MPMS# 0 SYSTEMWIDE

AQ Code X

This project provides for federal operating assistance and preventive maintenance expenses pertaining to activities performed on vehicles and facilities.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
OP	5307	27,500				
OP	LOCAL	1,145				
OP	SEPTA	5,730				
OP	5307		27,500			
OP	LOCAL		1,145			
OP	SEPTA		5,730			
OP	5307			27,500		
OP	LOCAL			1,145		
OP	SEPTA			5,730		
OP	5307				27,500	
OP	LOCAL				1,145	
OP	SEPTA				5,730	
OP	FTA-F					176,000
OP	LOCAL					7,333
OP	SEPTA					36,667
Fiscal Year Total		34,375	34,375	34,375	34,375	220,000
		Total FY 01-04 Cost			137,500	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S033 FRANKFORD TRANSPORTATION CENTER

MPMS# 0 AT BRIDGE-PRATT TERMINAL

RECONSTRUCTION

AQ Code 2015/20 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.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	5307	10,900				
CAP	DEMO	3,500				
CAP	LOCAL	599				
CAP	TBOND	3,001				
CAP	5307		6,000			
CAP	5309		6,000			
CAP	LOCAL		500			
CAP	TBOND		2,501			
CAP	5309			22,000		
CAP	LOCAL			916		
CAP	TBOND			4,584		
CAP	5307				12,000	
CAP	LOCAL				500	
CAP	TBOND				2,501	
CAP	FTA-F					7,528
CAP	LOCAL					313
CAP	TBOND					1,569
Fiscal Year Total		18,000	15,001	27,500	15,001	9,410
			Total FY 01-04 Cost		75,502	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S052 CITY HALL STATION

MPMS# 0 ON BROAD STREET SUBWAY LINE

REHABILITATION

AQ Code X Philadelphia City

This project will provide for the engineering and rehabilitation of City Hall Station on the Broad Street Subway Line. Preliminary and final engineering for this project will undertake the following tasks: 1) analyze pedestrian flow during peak and off peak hours and develop strategies to streamline passenger traffic, 2) develop design scenarios to introduce light and fresh air into station areas and walkways, 3) design improvements for the passageways leading from the station's mezzanine level to the Market-Frankford Line, 4) determine repairs required to rehabilitate the station's structural components, and 5) convert the station into a modern, attractive, well illuminated, and fully accessible facility. The design of station improvements and repairs will be performed in coordination with the City of Philadelphia's "Master Plan for City Hall" and pre-design and structural studies performed by SEPTA.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	5309		3,200			
CAP	LOCAL		133			
CAP	TBOND		667			
CAP	5309			2,400		
CAP	LOCAL			100		
CAP	TBOND			500		
CAP	5309					3,200
CAP	LOCAL					133
CAP	TBOND					667
Fiscal Year Total		0	4,000	3,000	0	4,000
		Total FY 01-04 Cost		7,000		

TIP# S053 RAIL ROLLING STOCK - ROUTE 15

MPMS# 0 LIGHT RAIL VEHICLES

AQ Code X

This program provides for the acquisition of new articulated light rail vehicles or rehabilitation of PCC vehicles for use on the Route 15 Light Rail Line. This line runs 8.2 miles from Westmoreland and Richmond Streets in North Philadelphia to 63rd Street and Girard Avenue in West Philadelphia. The Route 15 line is undergoing a reconstruction effort for conversion from temporary bus service back to a light rail service. The vehicles which will operate on this line will be compliant with the Americans with Disabilities Act.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PUR	ACT26	14,501				
PUR	LOCAL	500				
PUR	ACT3		14,501			
PUR	LOCAL		500			
Fiscal Year Total		15,001	15,001	0	0	0
		Total FY 01-04 Cost		30,002		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S054 30TH ST. TO SUBURBAN STATION

MPMS# 0 CATENARY AND 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5309	14,000				
CAP	LOCAL	583				
CAP	TBOND	2,917				
CAP	5309			8,800		
CAP	LOCAL			366		
CAP	TBOND			1,834		
CAP	5309				6,769	
CAP	LOCAL				282	
CAP	TBOND				1,410	
Fiscal Year Total		17,500	0	11,000	8,461	0
Total FY 01-04 Cost					36,961	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S055 MARKET-FRANKFORD AUTOMATIC TRAIN CONTROL

MPMS# 0 PURCHASE AND INSTALLATION OF NEW

AUTOMATIC TRAIN CONTROL SIGNAL SYSTEM

AQ Code X Philadelphia City, Upper Darby Twp.

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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5309	13,600				
CAP	LOCAL	566				
CAP	TBOND	2,834				
CAP	5309		20,000			
CAP	LOCAL		833			
CAP	TBOND		4,168			
CAP	5309			8,079		
CAP	LOCAL			336		
CAP	TBOND			1,683		
Fiscal Year Total		17,000	25,001	10,098	0	0
			Total FY 01-04 Cost		52,099	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

TIP# S060 RAIL STATIONS AND PARKING PROGRAM

MPMS# 0

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 233 parking facilities which are maintained by SEPTA. While capital improvements to stations and parking facilities have been made in the past, this program will establish an annual plan to bring stations and parking facilities into a state of good repair. 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 2001	FY 2002	FY 2003	FY 2004	
CAP	ACT3	2,997				
CAP	LOCAL	103				
CAP	ACT3		2,997			
CAP	LOCAL		103			
CAP	ACT3			2,997		
CAP	LOCAL			103		
CAP	ACT3				2,997	
CAP	LOCAL				103	
CAP	ACT3					60,902
CAP	LOCAL					2,098
Fiscal Year Total		3,100	3,100	3,100	3,100	63,000
		Total FY 01-04 Cost				12,400

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S062 SUBURBAN STATION TRANSIT IMPROVEMENTS**

**MPMS# 0** CENTER CITY PHILADELPHIA

CONCOURSE & PLATFORM IMPROVEMENTS

AQ Code X Central Phila.

This project provides for transit improvements to Suburban Station concourses and platforms, 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; and passenger amenities such as directional signage, a train information display system, improved rest rooms, and ticket vending machines.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307	2,000				
CAP	LOCAL	83				
CAP	TBOND	417				
CAP	5307		4,000			
CAP	LOCAL		167			
CAP	TBOND		834			
CAP	5307			7,431		
CAP	LOCAL			309		
CAP	TBOND			1,548		
CAP	5307				2,000	
CAP	LOCAL				83	
CAP	TBOND				417	
Fiscal Year Total		<b>2,500</b>	<b>5,001</b>	<b>9,288</b>	<b>2,500</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>			<b>19,289</b>	

**TIP# S067 Subway Surface Signal System Imp.**

**MPMS# 0**

AQ Code X

This project provides for improvements to the signal system of SEPTA's Subway/Surface Lines.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	ACT3	3,189				
CAP	LOCAL	110				
Fiscal Year Total		<b>3,299</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>			<b>3,299</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S070 BROAD ST. SUBWAY STATION IMPROVEMENTS

MPMS# 0 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5309	12,800				
CAP	LOCAL	533				
CAP	TBOND	2,667				
CAP	5309			3,200		
CAP	LOCAL			133		
CAP	TBOND			667		
Fiscal Year Total		16,000	0	4,000	0	0
			Total FY 01-04 Cost		20,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S071 **EASTWICK TRANSPORTATION CENTER**  
MPMS# 0 IN VICINITY OF BARTRAM AVE. AND 84TH ST.  
NEW R-1 STATION  
AQ Code 2002M 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	ACT3	1,933				
CAP	LOCAL	67				
CAP	ACT3		1,204			
CAP	LOCAL		41			
Fiscal Year Total		<b>2,000</b>	<b>1,245</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>Total FY 01-04 Cost</b>		<b>3,245</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S072 Strategic Business Plan/

MPMS# 0 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. Projects being implemented under this program include, but are not limited to: 1) Audio Visual PA System for the Subway/Light Rail System; 2) Closed Circuit TV and Integrated Passenger Waiting Zones; 3) Gulph Mills Station Passenger Amenities; 4) Police Radio Dispatch System; 5) DATA network Infrastructure Upgrade; 6) Purchase/Installation of Change and Token Vending Machines; 7) Route 10 Transit First Improvements; 8) Philadelphia Historic Trolley Engineering; 9) Upgrade of Fare Collection Machines to accommodate new \$5, \$10, and \$20 bills.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2001	FY 2002	FY 2003	FY 2004	
CAP	ACT3	4,834				
CAP	LOCAL	167				
CAP	ACT3		4,834			
CAP	LOCAL		167			
CAP	ACT3			4,834		
CAP	LOCAL			167		
CAP	ACT3				4,834	
CAP	LOCAL				167	
Fiscal Year Total		5,001	5,001	5,001	5,001	0
		Total FY 01-04 Cost			20,004	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S073 GIRARD AVENUE LIGHT RAIL PROGRAM

MPMS# 0 RESTORATION OF LIGHT RAIL SERVICE ON

ROUTE 15

AQ Code 2002O Philadelphia City

This project will provide for the engineering and construction of improvements for the Girard Avenue Light Rail Line (Route 15). This rail line, which was temporarily converted to a bus operation in 1992, runs 8.2 miles from Westmoreland and Richmond Streets in North Philadelphia to 63rd Street and Girard Avenue in West Philadelphia.

Improvements that will be made to the infrastructure on Girard Avenue include: 1) renewal of track and overhead wire facilities, 2) renewal and upgrading of the power supply system to accommodate power requirements of light rail vehicles, and 3) implementation of selected "Transit First" Improvements. To improve service reliability and speed, Transit First improvements will include exclusive transitway where possible, and improved transit stops designed to speed customer boarding/alighting and deter cars from illegally parking in the right of way. In addition, this project will provide for the retrofitting and modernization of bays at SEPTA's Callowhill vehicle maintenance facility to accommodate the storage and maintenance of light rail vehicles.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	ACT3	11,600				
CAP	LOCAL	400				
CAP	ACT3		8,532			
CAP	LOCAL		294			
Fiscal Year Total		12,000	8,826	0	0	0
			Total FY 01-04 Cost	20,826		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S074 SCHUYLKILL VALLEY METRO

MPMS# 0

AQ Code 2015/20

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. A Major Investment Study and Draft Environmental Impact Statement was undertaken for this project. As a result of the study, 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.

		TIP Program Years (\$ 000)				Later FYs
<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
DES	FTA-N		30,000			
DES	LOCAL		1,249			
DES	TBOND		6,251			
Fiscal Year Total		0	37,500	0	0	0
		Total FY 01-04 Cost		37,500		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S077 ENVIRONMENTAL CLEAN UP  
MPMS# 0 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, and Paoli Shop and Yard Cleanup 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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	ACT3	2,417				
CAP	LOCAL	83				
CAP	ACT3		2,417			
CAP	LOCAL		83			
CAP	ACT3			2,417		
CAP	LOCAL			83		
CAP	ACT3				2,417	
CAP	LOCAL				83	
CAP	ACT3					19,334
CAP	LOCAL					666
Fiscal Year Total		2,500	2,500	2,500	2,500	20,000
Total FY 01-04 Cost					10,000	



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S080 PAOLI TRANSPORTATION CENTER

MPMS# 0

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.

The highway components of this project are programmed in the Chester County section under TIP #6910.

Phase	Fund	TIP Program Years (\$ 000)				Later FYs
		FY 2001	FY 2002	FY 2003	FY 2004	
CAP	DEMO	5,000				
CAP	LOCAL	208				
CAP	TBOND	1,042				
CAP	5309			3,415		
CAP	LOCAL			142		
CAP	TBOND			712		
CAP	5309				4,000	
CAP	LOCAL				167	
CAP	TBOND				834	
Fiscal Year Total		6,250	0	4,269	5,001	0
Total FY 01-04 Cost					15,520	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S081 SURFACE COMMUNICATIONS SYSTEM WITH**

**MPMS# 0 AUTOMATIC VEHICLE LOCATOR**

PILOT PROGRAM

AQ Code X

This project provides for the design and implementation of a Computer Aided Radio Dispatch (CARD) System, the design and construction of two control dispatch centers, and the installation of mobile radio equipment in all buses, light rail, maintenance, and supervisory vehicles (approximately 1,800 vehicles plus 400 portables). In addition, the infrastructure, including base stations and microwave links, will be installed to support this new wireless communications system. The primary control dispatch center for the CARD System will be located on the 19th floor of SEPTA's headquarters building at 1234 Market Street. The secondary and backup control dispatch center will be located within SEPTA's Market East Station.

This project will also provide for a pilot Automatic Vehicle Locator System (AVL) on approximately 50-100 City Transit Division buses. The AVL system will utilize Global Positioning Satellite (GPS) technology to signal bus locations to the control center. This pilot project will evaluate the effectiveness of such a system on improving the on-time performance of buses and the reporting and rectification of service problems.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307	3,711				
CAP	LOCAL	155				
CAP	TBOND	773				
CAP	5307		3,360			
CAP	LOCAL		140			
CAP	TBOND		700			
Fiscal Year Total		<b>4,639</b>	<b>4,200</b>	<b>0</b>	<b>0</b>	<b>0</b>
		Total FY 01-04 Cost		<b>8,839</b>		

**TIP# S083 VEHICLE OVERHAUL PROGRAM**

**MPMS# 0**

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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	TBOND	42,000				
CAP	TBOND		42,000			
CAP	TBOND			42,000		
CAP	TBOND				42,000	
CAP	TBOND					336,000
Fiscal Year Total		<b>42,000</b>	<b>42,000</b>	<b>42,000</b>	<b>42,000</b>	<b>336,000</b>
		Total FY 01-04 Cost		<b>168,000</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S084 INFRASTRUCTURE SAFETY RENEWAL PROGRAM

MPMS# 0

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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	LOCAL	2,620				
CAP	TBOND	23,580				
CAP	LOCAL		2,620			
CAP	TBOND		23,580			
CAP	LOCAL			2,620		
CAP	TBOND			23,580		
CAP	LOCAL				2,620	
CAP	TBOND				23,580	
CAP	LOCAL					20,960
CAP	TBOND					188,640
Fiscal Year Total		26,200	26,200	26,200	26,200	209,600
Total FY 01-04 Cost					104,800	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S085 PARATRANSIT VEHICLE PURCHASE

MPMS# 0

AQ Code X

This project provides for the acquisition of revenue vehicles for SEPTA's Paratransit and Shared Ride operations. The revenue vehicles will be owned by SEPTA and will be used by contracted carriers to service these operations in the City of Philadelphia.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PUR	ACT3	2,610				
PUR	LOCAL	90				
PUR	ACT3		4,592			
PUR	LOCAL		158			
PUR	5307			4,000		
PUR	LOCAL			167		
PUR	TBOND			834		
PUR	5307				4,000	
PUR	LOCAL				167	
PUR	TBOND				834	
PUR	FTA-F					19,200
PUR	LOCAL					799
PUR	TBOND					4,001
Fiscal Year Total		2,700	4,750	5,001	5,001	24,000
			Total FY 01-04 Cost		17,452	

TIP# S086 SMALL BUS ACQUISITION

MPMS# 0

AQ Code X

This project provides for the purchase of light or medium-duty, under 30-foot buses. These buses will be utilized by SEPTA for small bus circulator service and on selected fixed routes currently using 40-foot buses, which could be more economically served with small buses.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
PUR	ACT3		2,417			
PUR	LOCAL		83			
PUR	ACT3					4,834
PUR	LOCAL					167
Fiscal Year Total		0	2,500	0	0	5,001
			Total FY 01-04 Cost		2,500	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S087 FARE COLLECTION SYSTEM UPGRADE

MPMS# 0

AQ Code X

This project provides for the modernization and automation of SEPTA's fare collection process. SEPTA currently utilizes close to 60 different fare instruments and collection methods. Many of these instruments are beyond their useful lives making it difficult for SEPTA to completely control and account for its revenue stream. SEPTA will conduct a preliminary engineering analysis of the current fare collection system to develop a strategy for modernization and technological improvements to address problem areas and make recommendations for implementation. This project will also include the final engineering and construction phases of this modernization effort. New fare collection technology will attract riders to the system, reduce costs associated with revenue collection, increase revenue recovery, and facilitate more accurate gathering of ridership information.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	ACT3			19,334		
CAP	LOCAL			666		
CAP	ACT3				19,334	
CAP	LOCAL				666	
CAP	ACT3					75,886
CAP	LOCAL					2,614
Fiscal Year Total		0	0	20,000	20,000	78,500
Total FY 01-04 Cost					40,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S088 SILVERLINER IV PROPULSION SYSTEM UPGRADE

MPMS# 0

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 2001	FY 2002	FY 2003	FY 2004	
CAP	DEMO	6,000				
CAP	LOCAL	250				
CAP	TBOND	1,250				
CAP	DEMO		3,000			
CAP	LOCAL		125			
CAP	TBOND		625			
CAP	5309			2,600		
CAP	LOCAL			108		
CAP	TBOND			542		
CAP	5309				2,600	
CAP	LOCAL				108	
CAP	TBOND				542	
CAP	FTA-F					3,774
CAP	LOCAL					157
CAP	TBOND					786
Fiscal Year Total		7,500	3,750	3,250	3,250	4,717
Total FY 01-04 Cost					17,750	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S090 TRANSIT ENHANCEMENTS**

**MPMS# 0**

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.

FY 2002 funds will be used to 1) rehabilitate the Allen Lane Station, 2) the Kensington Depot Walkway; 3) Bike Racks for Buses.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	LOCAL	34				
CAP	TBOND	169				
CAP	TTE	810				
CAP	LOCAL		36			
CAP	TBOND		179			
CAP	TTE		860			
CAP	LOCAL			38		
CAP	TBOND			189		
CAP	TTE			905		
CAP	LOCAL				40	
CAP	TBOND				198	
CAP	TTE				950	
CAP	LOCAL					320
CAP	TBOND					1,600
CAP	TTE					7,680
Fiscal Year Total		<b>1,013</b>	<b>1,075</b>	<b>1,132</b>	<b>1,188</b>	9,600
			<b>Total FY 01-04 Cost</b>		<b>4,408</b>	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S091 TRANS. SYSTEM FOR ELDERLY/DISABLED**

**MPMS# 0**

AQ Code X

Develop and implement a regional transportation system focusing on providing comprehensive, coordinated, and user-friendly service for the region's elderly and disabled population.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	FTA-B	744				
CAP	LOCAL	31				
CAP	TBOND	155				
Fiscal Year Total		930	0	0	0	0
		Total FY 01-04 Cost		930		

**TIP# S092 30TH ST. STATION INTERMODAL FACILITY**

**MPMS# 0**

AQ Code X

The scope of work includes the following elements: 1) accessibility improvements to the SEPTA transit facilities at 30th Street Station, 2) street level improvements to better serve the several bus routes in the 30th Street Station area, and 3) the feasibility/preliminary engineering of re-opening the pedestrian tunnel between the 30th Street Market-Frankford Station and the 30th Street Amtrak Station to improve intermodal connections.

Additional funding for this project is programmed in the Philadelphia section under TIP #9746.

### TIP Program Years (\$ 000)

Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	FTA-B	1,274				
CAP	LOCAL	53				
CAP	TBOND	265				
CAP	FTA-B		1,226			
CAP	LOCAL		51			
CAP	TBOND		255			
Fiscal Year Total		1,592	1,532	0	0	0
		Total FY 01-04 Cost		3,124		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S093 *Job Access and Reverse Commute*

MPMS# 0 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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
OP	DPW	5,000				
OP	JARC	5,000				
OP	DPW		6,900			
OP	JARC		6,900			
OP	DPW			5,000		
OP	JARC			5,000		
OP	DPW				5,000	
OP	JARC				5,000	
Fiscal Year Total		10,000	13,800	10,000	10,000	0
		Total FY 01-04 Cost		43,800		

TIP# S094 *Elwyn to Wawa Rail Improvements*

MPMS# 0

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.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307	1,600				
CAP	LOCAL	67				
CAP	TBOND	333				
CAP	ACT3		1,933			
CAP	LOCAL		67			
CAP	ACT3			10,634		
CAP	LOCAL			366		
Fiscal Year Total		2,000	2,000	11,000	0	0
		Total FY 01-04 Cost		15,000		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S095 LRV Car Shop Improvements

MPMS# 0 Route 10

AQ Code X West Philadelphia

This project provides for the renewal of the Callowhill Light Rail Vehicle Shop, which will be used to store vehicles for the Route 10 and 15 Light Rail Lines. This shop is located in West Philadelphia, between 58th and 59th Streets and Callowhill and Vine Streets. Improvements include track and overhead trolley wire renewal, roof replacement, installation of doors, lighting and other improvements in Bay 4; the demolition of fire damaged areas of Bay 1; and conversion of Bay 1 into a parking lot to accommodate the displacement of employee parking presently in Bay 4.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	ACT3	2,417				
CAP	LOCAL	83				
CAP	ACT3		2,513			
CAP	LOCAL		87			
Fiscal Year Total		2,500	2,600	0	0	0
			Total FY 01-04 Cost	5,100		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S096 *Regional Rail Car Acquisition*

MPMS# 0

AQ Code X

This project provides for the acquisition of new rail cars for SEPTA's Regional Rail service. These cars will replace existing Silverliner II and III rail cars, which are currently 33 to 37 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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	ACT3	483				
CAP	LOCAL	17				
CAP	5309		16,000			
CAP	LOCAL		667			
CAP	TBOND		3,333			
CAP	5309				28,000	
CAP	LOCAL				1,166	
CAP	TBOND				5,835	
CAP	FTA-F					212,000
CAP	LOCAL					8,825
CAP	TBOND					44,175
Fiscal Year Total		500	20,000	0	35,001	265,000
			Total FY 01-04 Cost		55,501	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S097 *Trackless Trolley Acquisition*

MPMS# 0

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.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	5307	400				
CAP	LOCAL	17				
CAP	TBOND	83				
CAP	5309		990			
CAP	LOCAL		41			
CAP	TBOND		206			
CAP	5307			6,000		
CAP	LOCAL			250		
CAP	TBOND			1,250		
CAP	5307				12,000	
CAP	LOCAL				500	
CAP	TBOND				2,500	
CAP	FTA-F					18,000
CAP	LOCAL					749
CAP	TBOND					3,751
Fiscal Year Total		500	1,237	7,500	15,000	22,500
			Total FY 01-04 Cost		24,237	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S098 Escalator Replacement Program

MPMS# 0

AQ Code X

Philadelphia

This project provides for the engineering, design, and installation of replacement escalators at SEPTA's rail transit and regional rail stations. Currently, there are 44 escalators within the SEPTA system.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	ACT3	4,834				
CAP	LOCAL	166				
CAP	ACT3		4,834			
CAP	LOCAL		166			
CAP	ACT3			3,867		
CAP	LOCAL			133		
CAP	ACT3				3,867	
CAP	LOCAL				133	
CAP	ACT3					9,667
CAP	LOCAL					333
Fiscal Year Total		5,000	5,000	4,000	4,000	10,000
Total FY 01-04 Cost					18,000	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S099 *Regional Rail Substation Imp. Program*

MPMS# 0

AQ Code X

This project provides for improvements to the traction power supply system for SEPTA's Regional Rail Service. The first facility to be addressed is the 30th Street Switching Station in Amtrak's Penn Coach Yard. This substation, which is over 70 years old, currently distributes traction power to SEPTA catenary circuits at Zoo Interlocking, Arsenal Interlocking, Powelton Avenue Yard, Suburban Station and the Center City Commuter Tunnel. A new switching station will be constructed in SEPTA's Powelton Yard to replace the old substation. Replacement of this substation will rectify the power interruptions caused by this aged facility. The second facility to be addressed is Callowhill Substation, which is located on the former Reading Railroad viaduct just below the north portal of the Center City Commuter Rail Tunnel. This substation is one of 12 autotransformer substations that converts the incoming voltage from 24,000 volts to 12,000 volts and distributes the traction power to all SEPTA rail lines that operate to the north of the City. This facility has deteriorated and requires replacement. A new facility will be constructed on SEPTA property adjacent to the Portal switching Station at Green Street. Both facilities will house state-of-the-art circuit breakers, switchgears and control equipment.

### TIP Program Years (\$ 000)

### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307		2,800			
CAP	LOCAL		117			
CAP	TBOND		583			
CAP	ACT3				9,667	
CAP	LOCAL				333	
CAP	ACT3					20,784
CAP	LOCAL					716
Fiscal Year Total		0	3,500	0	10,000	21,500
			Total FY 01-04 Cost		13,500	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S100 Callowhill Bus Garage Replacement

MPMS# 0

AQ Code X

This project provides for the design and construction of a new bus facility to replace the existing 87-year old bus garage, located at 59th Street and Callowhill in southwest Philadelphia. Buses at this facility serve 18 bus routes. Areas requiring construction include a service area for fueling, bus washing and cleaning, a maintenance area for repairs, lube and tire change area, areas for bus storage, employee parking, transportation building, office areas, areas for revenue equipment repairs and vault pulling. In addition, site work in preparation for the construction of the facility, site utilities placement, parking and roadway construction will also take place.

### TIP Program Years (\$ 000)

### Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	5307	4,750				
CAP	DEMO	250				
CAP	LOCAL	208				
CAP	TBOND	1,042				
CAP	5309		3,267			
CAP	LOCAL		136			
CAP	TBOND		681			
CAP	5307			8,000		
CAP	LOCAL			333		
CAP	TBOND			1,667		
CAP	5307				14,000	
CAP	LOCAL				583	
CAP	TBOND				2,917	
CAP	FTA-F					17,000
CAP	LOCAL					708
CAP	TBOND					3,542
Fiscal Year Total		6,250	4,084	10,000	17,500	21,250
			Total FY 01-04 Cost		37,834	

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S101 *Intelligent Systemwide*

MPMS# 0 Communications Improvements

AQ Code X

This project provides for the design and construction of a centralized communications infrastructure. Elements include the installation of voice lines, radio interfaces, standard computer networks, video and other connection methods at all SEPTA node locations. This new communications infrastructure would support fare systems, closed circuit television cameras, recorders and monitors at stations and security-sensitive locations, electronic signs and public address systems, station alarms, intercoms and telephones, signal system non-vital logic devices and private radio communications base stations, such as transit police stations, operator/dispatcher functions and control center requirements.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	DEMO	1,000				
CAP	LOCAL	42				
CAP	TBOND	208				
Fiscal Year Total		1,250	0	0	0	0
		Total FY 01-04 Cost		1,250		

TIP# S102 *Intermodal Facility Improvements*

MPMS# 0 in Bucks County

AQ Code 20020

This project provides for the installation of bus shelters, signage, and facility improvements at three SEPTA stations: Croydon, Levittown and Warminster. In addition, parking expansion will take place at Croydon and Warminster Stations as part of the intermodal improvements.

### TIP Program Years (\$ 000)

Later FYs

Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	DEMO	2,500				
CAP	LOCAL	104				
CAP	TBOND	521				
CAP	5309		743			
CAP	LOCAL		31			
CAP	TBOND		155			
Fiscal Year Total		3,125	929	0	0	0
		Total FY 01-04 Cost		4,054		



# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S103** *Intermodal Facility Improvements*

**MPMS# 0** in Montgomery County

AQ Code 2002O

This project provides for the engineering and construction of facility improvements at two intermodal facilities in Montgomery County: Jenkintown/Wyncote Station and Glenside Station. This project would include the installation of bus shelters, construction of multi-level parking garages and improved signage and communications.

### TIP Program Years (\$ 000)

**Later FYs**

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	DEMO	2,500				
CAP	LOCAL	104				
CAP	TBOND	521				
CAP	5309		990			
CAP	LOCAL		42			
CAP	TBOND		206			
Fiscal Year Total		<b>3,125</b>	<b>1,238</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>4,363</b>		

**TIP# S104** *Schuylkill Expressway Corridor ITS*

**MPMS# 0** 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**

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CON	DEMO	398				
CON	FTA-F	289				
CON	LOCAL	13				
CON	T-STA	146				
Fiscal Year Total		<b>846</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Total FY 01-04 Cost</b>		<b>846</b>		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

### SEPTA

**TIP# S105 Control Center Centralization**

**MPMS# 0** 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/lightrail and regional rail control centers are located on the 19th floor of SEPTA's 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.

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

#### Later FYs

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307		3,000			
CAP	LOCAL		333			
CAP	TBOND		667			
Fiscal Year Total		0	4,000	0	0	0
		Total FY 01-04 Cost		4,000		

**TIP# S106 Automatic Vehicle Locator - Paratransit**

**MPMS# 0**

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 for 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

<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	ITS		1,033			
CAP	LOCAL		1,033			
Fiscal Year Total		0	2,066	0	0	0
		Total FY 01-04 Cost		2,066		

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

**SEPTA**

**TIP# S107**      *Underground Storage Tank Removal*

**MPMS# 0**

AQ Code X

The underground Storage Tank Removal/Modification Project is designed to bring SEPTA's underground storage tanks into compliance with Environmental Protection Agency regulations governing underground storage tank installation and their associated piping. These regulations concern leak control and spill control. Two locations will be addressed under this project in FY02: the removal and disposal of tanks located on the right of way along the R7 Chestnut Hill East Regional Rail Line and the removal and disposal of tanks at the Route 100 Bryn Mawr Station.

		TIP Program Years (\$ 000)				Later FYs
<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
CAP	5307		500			
CAP	LOCAL		21			
CAP	TBOND		104			
Fiscal Year Total		0	625	0	0	0
		Total FY 01-04 Cost				625

**TIP# S108**      *Bucks County TMA Capital Improvement*

**MPMS# 0**

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
<u>Phase</u>	<u>Fund</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	
PUR	DEMO		99			
PUR	LOCAL		25			
Fiscal Year Total		0	124	0	0	0
		Total FY 01-04 Cost				124

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

SEPTA

TIP# S109 52nd Street Corridor Alternative Analysis

MPMS# 0

AQ Code x

Undertake an Alternatives Analysis (AA) to evaluate several modal and alignment options for improving mobility for persons traveling between Center City and West Philadelphia. The AA includes work tasks to provide information to local officials on the benefits, costs, and impacts of alternative transportation investments. The proposed alignment would begin at 52nd Street and Parkside Avenue and traverse into Center City to its terminus at the Pennsylvania Convention Center. Although not selected as the locally preferred Alternative for the Schuylkill Valley Metro Major Investment Study/Draft Environmental Impact Statement, the corridor could serve to complement the SVM in view of a planned station proposed at 52nd Street and Parkside Avenue in West Philadelphia.

		TIP Program Years (\$ 000)				Later FYs
Phase	Fund	FY 2001	FY 2002	FY 2003	FY 2004	
CAP	DEMO		500			
Fiscal Year Total		0	500	0	0	0
		Total FY 01-04 Cost				500
Total for SEPTA		627,991	505,301	459,138	466,631	1,885,724
		Total FY 01-04 Cost				2,059,061

# DVRPC FY 2001-2004 TIP

Approved by DVRPC Board on July 27, 2000

## Pennsylvania - Transit Program

	2001	2002	2003	2004	Later FYs
<b>Grand Total</b>	648,164	539,317	468,855	476,348	1,885,724
		Total FY 01-04 Cost		2,132,684	