

**Lehigh**

**MPMS #:**102155 **Municipality:**Allentown (City)

**Title:**15th Street Corridor **Route:**2003 **Section:**01S **A/Q Status:**Significant

**Improvement Type:**Corridor Safety **Exempt Code:**

Improvement

**Est. Let Date:**08/10/2017 **Actual Let Date:**

**Geographic Limits:**15th Street Corridor, Limits 0330/0000 to 0370/1537, City of Allentown, Lehigh County

**Narrative:** This project involves installation of new signal equipment such as large heads, back plates, LED's, 5 section head for advanced LT phasing and coordinate signals at SR 2003 (15th Street) from Hamilton Street to Tilghman Street. This project will improve pedestrian intersection safety with improved signage and crosswalks, pedestrian phasing and countdown signal heads in City of Allentown, Lehigh County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	CAQ	\$ 482	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FD	HSIP	\$ 258	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	CAQ	\$ 54	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	HSIP	\$ 54	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	CAQ	\$ 146	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	CAQ	\$ 0	\$ 1,851	\$ 1,851	\$ 500	\$ 0	\$ 0
CON	HSIP	\$ 0	\$ 1,000	\$ 619	\$ 428	\$ 0	\$ 0
		\$ 994	\$ 2,851	\$ 2,470	\$ 928	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost</b>		<b>\$ 7,243</b>					

**MPMS #:**47647 **Municipality:**Coopersburg (Boro)

**Title:**2026 ovrTrib to Saucon **Route:**2026 **Section:**01B **A/Q Status:**Exempt

Cr

**Improvement Type:**Replace/Rehab **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**09/29/2016 **Actual Let Date:**

**Geographic Limits:**SR 2026 (E. Station Avenue) over tributary to Saucon Creek Coopersburg, Lehigh County

**Narrative:** This project involves a replacement/rehabilitation of the Stone Arch Bridge carrying East Station Avenue (SR 2026) over the tributary to Saucon Creek in Coopersburg Borough, Lehigh County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	BOF	\$ 1,018	\$ 390	\$ 0	\$ 0	\$ 0	\$ 0
CON	581	\$ 255	\$ 97	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,273	\$ 487	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost</b>		<b>\$ 1,760</b>					

**Lehigh**

MPMS #:57615 Municipality:Whitehall (Twp)

Title:22 Sec 400- Ph 2 (LRB) Route:22 Section:400 A/Q Status:Significant

Improvement Type:Reconstruct Exempt Code:

Est. Let Date:07/09/2015 Actual Let Date:07/09/2015

Geographic Limits:US 22: 5th to Irving Street, Whitehall and Hanover Townships, Lehigh County

Narrative:Reconstruct US 22/Fullerton Interchange and major rehabilitation/widening of the US 22 Lehigh River Bridge to improve safety and congestion. US 22: 5th to Irving Street in Whitehall and Hanover Townships, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	CAQ	\$ 1,517	\$ 509	\$ 2,381	\$ 2,863	\$ 0	\$ 0
CON	NHPP	\$ 1,131	\$ 1,686	\$ 2,100	\$ 1,109	\$ 0	\$ 0
		\$ 2,648	\$ 2,195	\$ 4,481	\$ 3,972	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 13,296</b>							

MPMS #:79554 Municipality:Upper Macungie (Twp)

Title:222 & Shantz & 863 Route:222 Section:01S A/Q Status:Significant

Improv

Improvement Type:Safety Improvement Exempt Code:

Est. Let Date:03/29/2018 Actual Let Date:

Geographic Limits:222 & Shantz Road (SR 3012) Intersection and 222 & SR 863 (Farmington Road) Intersection, Upper Magunie Township, Lehigh County

Narrative:This project involves signalization of two intersections on State Route 222 to improve safety; State Route 222 and Shantz Road (State Route 3012) intersection and State Route 222 and 863 (Farmington Road) in Upper Magunie Township, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	HSIP	\$ 0	\$ 2,114	\$ 2,587	\$ 0	\$ 0	\$ 0
CON	NHPP	\$ 0	\$ 2,700	\$ 3,899	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 4,814	\$ 6,486	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 11,300</b>							

**Lehigh**

MPMS #:89244

Municipality:Upper Macungie (Twp)

Title:222 Median Barrier

Route:222

Section:0

A/Q Status:Exempt

Improvement Type:Median Barrier

Exempt Code:Guardrails, median barriers, crash cushions

Est. Let Date:11/05/2018

Actual Let Date:

Geographic Limits:Trexlerstown Bypass Section, SR 222 from segment 82/0290 to segment 142/3190, approximately Grim Road to N. Brookside Road, Lower and Upper Macungie, Lehigh County

Narrative:Installation of high tension median barrier on SR 222 from approximately Grim Road to N. Brookside Road in Upper and Lower Macungie Townships, Lehigh County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	HSIP	\$ 0	\$ 0	\$ 0	\$ 570	\$ 0	\$ 0
		\$ 0	\$ 0	\$ 0	\$ 570	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 570</b>							

MPMS #:96432

Municipality:South Whitehall (Twp)

Title:309 & Tilghman I/C

Route:309

Section:12M

A/Q Status:Exempt

Recon

Improvement Type:Interchange Improvement

Exempt Code:Interchange reconfiguration projects

Est. Let Date:12/17/2020

Actual Let Date:

Geographic Limits:PA 309 from I-78 overpass to Crackerport Rd

Narrative:This project involves reconstruction/upgrade of the PA 309/SR 1002 (Tilghman St) Interchange. This project will also include replacement/rehabilitation of the US 22 bridge over PA 309 and roadway drainage improvements, base repair and overlay in South Whitehall Township and Upper and Lower Macungie Townships, Lehigh County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	NHPP	\$ 0	\$ 2,733	\$ 1,500	\$ 0	\$ 0	\$ 0
FD	581	\$ 0	\$ 683	\$ 375	\$ 0	\$ 0	\$ 0
UTL	NHPP	\$ 0	\$ 0	\$ 1,855	\$ 0	\$ 0	\$ 0
UTL	581	\$ 0	\$ 0	\$ 464	\$ 0	\$ 0	\$ 0
ROW	NHPP	\$ 0	\$ 0	\$ 1,600	\$ 1,132	\$ 0	\$ 0
ROW	581	\$ 0	\$ 0	\$ 400	\$ 283	\$ 0	\$ 0
CON	NHPP	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,064	\$ 20,000
CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 11,650	\$ 5,000
		\$ 0	\$ 3,416	\$ 6,194	\$ 1,415	\$ 41,714	\$ 25,000
<b>Total FY 2017-2020 Cost \$ 11,025</b>							

**Lehigh**

**MPMS #:**102160      **Municipality:**Upper Saucon (Twp)  
**Title:**309 Center Valley IC      **Route:**309      **Section:**0      **A/Q Status:**Significant

**Improvement Type:**Interchange Improvement      **Exempt Code:**

**Est. Let Date:**      **Actual Let Date:**

**Geographic Limits:**SR 309, Center Valley Interchange, Lehigh County

**Narrative:** This project involves interchange improvements to the SR 309 Center Valley Interchange including changes to the existing signalized intersection into a full direction grade separated interchange to address current and future planned development in Upper Saucon Township, Lehigh County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
PE	CAQ	\$ 0	\$ 0	\$ 0	\$ 1,000	\$ 2,037	\$ 0	
PE	581	\$ 0	\$ 0	\$ 0	\$ 250	\$ 509	\$ 0	
		\$ 0	\$ 0	\$ 0	\$ 1,250	\$ 2,546	\$ 0	
<b>Total FY 2017-2020 Cost \$ 1,250</b>								

**MPMS #:**99697      **Municipality:**Allentown (City)  
**Title:**7thSt Multimodal Corridor      **Route:**145      **Section:**MLT      **A/Q Status:**Exempt

**Improvement Type:**Corridor Safety Improvement      **Exempt Code:**Actvtys not leading to constr. (plan & tech study)

**Est. Let Date:**06/20/2020      **Actual Let Date:**

**Geographic Limits:**6th, 7th and 8th Streets, City of Allentown, Lehigh County

**Narrative:** This project is a planning study to identify expected growth of entertainment, employment and residential needs and establish a desired balance of traffic flow (congestion), business accessibility and pedestrian safety. The study location is along 6th, 7th and 8th Streets bounded to the north by Jordan Creek and to the south by Martin Luther King Jr. Drive in the City of Allentown, Lehigh County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
PE	STU	\$ 82	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
PE	581	\$ 21	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
FD	STU	\$ 0	\$ 98	\$ 0	\$ 0	\$ 0	\$ 0	
FD	581	\$ 0	\$ 24	\$ 0	\$ 0	\$ 0	\$ 0	
UTL	STU	\$ 0	\$ 42	\$ 0	\$ 0	\$ 0	\$ 0	
UTL	581	\$ 0	\$ 11	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	STU	\$ 0	\$ 42	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	581	\$ 0	\$ 11	\$ 0	\$ 0	\$ 0	\$ 0	
CON	STU	\$ 0	\$ 0	\$ 0	\$ 2,000	\$ 0	\$ 0	
		\$ 103	\$ 228	\$ 0	\$ 2,000	\$ 0	\$ 0	
<b>Total FY 2017-2020 Cost \$ 2,331</b>								

**Lehigh**

**MPMS #:**79088 **Municipality:**South Whitehall (Twp)

**Title:**CC Blvd o/Lil Cedar Crk **Route:**1019 **Section:**02B **A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**01/18/2018 **Actual Let Date:**

**Geographic Limits:**Bridge carrying SR 1019 (Cedar Crest Boulevard) over Little Cedar Creek in City of Allentown, Lehigh County.

**Narrative:** This project involves a replacement/rehabilitation of the bridge carrying State Route 1019 (Cedar Crest Boulevard) over Little Cedar Creek in the City of Allentown, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	581	\$ 0	\$ 6,896	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 6,896	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 6,896</b>							

**MPMS #:**11413 **Municipality:**Whitehall (Twp)

**Title:**Cementon Bridge **Route:**329 **Section:**01B **A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**12/20/2018 **Actual Let Date:**

**Geographic Limits:**SR 329 over Lehigh River in Whitehall Township,, Lehigh County.

**Narrative:** This project involves a replacement/rehabilitation of the Cementon Bridge carrying SR 329 over the Lehigh River in Whitehall Township, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	185	\$ 797	\$ 441	\$ 0	\$ 0	\$ 0	\$ 0
UTL	185	\$ 70	\$ 554	\$ 0	\$ 0	\$ 0	\$ 0
ROW	185	\$ 412	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	NHPP	\$ 0	\$ 0	\$ 5,240	\$ 8,274	\$ 1,334	\$ 0
CON	185	\$ 0	\$ 0	\$ 1,160	\$ 2,218	\$ 334	\$ 0
		\$ 1,279	\$ 995	\$ 6,400	\$ 10,492	\$ 1,668	\$ 0
<b>Total FY 2017-2020 Cost \$ 19,166</b>							

**Lehigh**

**MPMS #:**95162      **Municipality:**Upper Macungie (Twp)  
**Title:**Cetronia Rd Hydrological Mitigation      **Route:**3008      **Section:**01M      **A/Q Status:**Exempt

**Improvement Type:**Drainage Improvement      **Exempt Code:**Actvtys not leading to constr. (plan & tech study)  
**Est. Let Date:**12/01/2016      **Actual Let Date:**

**Geographic Limits:**SR 3008, segment 10 at SR 100 to Segment 30, Upper Macungie Township, Lehigh County

**Narrative:** There is a history of flooding in the area along SR 3008 in Upper Macungie Township, Lehigh County. Sections of the roadway have to be closed for a duration of time. Water in the area tends to pond for long periods of time in adjacent fields due to saturated conditions. The Department needs to determine if there is a way to control the runoff as not to cause road closings along SR 3008.

Perform study of the hydrological conditions along SR 3008 in Upper Macungie Township to assess the area and do a determination as to why the area floods along SR 3008 from segment 10 at SR 100 to the beginning of segment 30.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	581	\$ 20	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	581	\$ 10	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	581	\$ 0	\$ 0	\$ 428	\$ 0	\$ 0	\$ 0
		\$ 30	\$ 0	\$ 428	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 458</b>							

**MPMS #:**11614      **Municipality:**Coplay (Boro)  
**Title:**Coplay-Northampton Bridge      **Route:**7404      **Section:**07M      **A/Q Status:**Exempt

**Improvement Type:**Bridge Rehabilitation      **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**12/15/2016      **Actual Let Date:**

**Geographic Limits:**Chestnut Street over Norfolk Southern Railroad, Lehigh River and Ironton Trail, Coplay Borough, Whitehall Township, Lehigh & Northampton Counties

**Narrative:** This project involves a replacement/rehabilitation of the Coplay-Northampton Bridge on Chestnut Street over the Norfolk Southern Railroad, Lehigh River and Ironton Trail in the Borough of Coplay and Whitehall Township, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	BOF	\$ 1,636	\$ 1,175	\$ 1,259	\$ 0	\$ 0	\$ 0
CON	STU	\$ 2,353	\$ 1,540	\$ 4,031	\$ 5,446	\$ 0	\$ 0
CON	183	\$ 748	\$ 509	\$ 959	\$ 1,054	\$ 0	\$ 0
CON	LOC	\$ 249	\$ 170	\$ 331	\$ 340	\$ 0	\$ 0
		\$ 4,986	\$ 3,394	\$ 6,580	\$ 6,840	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 21,800</b>							

**Lehigh**

MPMS #:83086

Municipality:

Title:Delivery\_Conult Assist

Route:

Section:DCA

A/Q Status:Exempt

Improvement Type:Bridge Rehabilitation

Exempt Code:"Not Rgnlly Significant" - do not fit exempt ctgry

Est. Let Date:

Actual Let Date:

Geographic Limits:Lehigh and Northampton Counties

**Narrative:** Consultant Assistance for design aspects of project delivery of approved Transportation Improvement Program projects including highway, bridge and transportation alternative projects in Lehigh and Northampton Counties within the Lehigh Valley Transportation Study.

Phase	Fund	TIP Program Years (\$000)					
		2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	581	\$ 2,500	\$ 500	\$ 0	\$ 1,000	\$ 0	\$ 0
		\$ 2,500	\$ 500	\$ 0	\$ 1,000	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost</b>		<b>\$ 4,000</b>					

MPMS #:105277

Municipality:Emmaus (Boro)

Title:Emmaus 10th St Culvert

Route:

Section:TSC

A/Q Status:Exempt

Improvement Type:Dept. Force Culvert Replacement

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:01/12/2017

Actual Let Date:

Geographic Limits:10th Street, Emmaus Borough, Lehigh County

**Narrative:** This project involves a replacement/rehabilitation of the bridge over the culvert as well as adding a bike lane on 10th Street in the Borough of Emmaus, Lehigh County.

Phase	Fund	TIP Program Years (\$000)					
		2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	183	\$ 335	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 335	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost</b>		<b>\$ 335</b>					

**Lehigh**

**MPMS #:**102873 **Municipality:**Hanover (Twp)

**Title:**FedEx Roadway **Route:**987 **Section:**FDX **A/Q Status:**Significant  
 Improvemnts

**Improvement Type:**Resurface **Exempt Code:**

**Est. Let Date:**03/09/2017 **Actual Let Date:**

**Geographic Limits:**Airport Road (SR 0987) from north of City Line Road to the north side of the SR 0987 and SR 0022 interchange., Allen Township and Hanover Township, Lehigh County

**Narrative:** This project will extend along Airport Road (SR 0987) from a location north of City Line Road to a location on the north side of the SR 0987 and SR 0022 interchange. Work will extend onto the SR 0022 WB ramp (SR 8018, Ramp E) as well. The work consists primarily of roadway widening. An additional lane will be added to SR 0987 southbound within the project limits. Intersection improvements at Postal Road (T-633)/Avenue A and LVIA Driveway/City Line Road will also be required in Allen and Hanover Townships, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	581	\$ 2,500	\$ 2,500	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 2,500	\$ 2,500	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 5,000</b>							

**MPMS #:**68190 **Municipality:**Upper Macungie (Twp)

**Title:**Freeway Service Patrol **Route:**78 **Section:**FSP **A/Q Status:**Exempt

**Improvement Type:**Traffic System **Exempt Code:**"Not Rgnlly Significant" - do not fit exempt ctgry  
 Management

**Est. Let Date:**05/07/2004 **Actual Let Date:**07/28/2004

**Geographic Limits:**I-78/SR22., Includes Lehigh and Northampton Counties. Upper Macungie, Lower Macungie, South Whitehall, Whitehall, Hanover, and Bethlehem Townships, and the City of Bethlehem.

**Narrative:** This project involves two roaming tow trucks to respond to incidents quickly on Interstate 78 from State Route 100 to the Route 309 split and I-78/State Route 22 (at State Route 100) to State Route 22/Route 33 in Upper Macungie, Lower Macungie, South Whitehall, Whitehall, Hanover and Bethlehem Townships and the City of Bethlehem, Lehigh and Northampton Counties.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	NHPP	\$ 947	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	582	\$ 237	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,184	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 1,184</b>							



**Lehigh**

MPMS #:72773

Municipality:Allentown (City)

Title:Gordon Street Bridge

Route:7301

Section:01B

A/Q Status:Exempt

Improvement Type:Replace/Rehab

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:11/02/2017

Actual Let Date:

Geographic Limits:Gordon Street over Jordan Creek, City of Allentown, Lehigh County

Narrative: This project involves a replacement/rehabilitation of the bridge carrying Gordon Street over the Jordan Creek in the City of Allentown, Lehigh County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	STU	\$ 288	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FD	183	\$ 54	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FD	LOC	\$ 18	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	STU	\$ 25	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	183	\$ 5	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	LOC	\$ 2	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	STU	\$ 33	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	183	\$ 6	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	LOC	\$ 2	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	STU	\$ 0	\$ 1,867	\$ 192	\$ 0	\$ 0	\$ 0
CON	183	\$ 0	\$ 350	\$ 36	\$ 0	\$ 0	\$ 0
CON	LOC	\$ 0	\$ 117	\$ 12	\$ 0	\$ 0	\$ 0
		\$ 433	\$ 2,334	\$ 240	\$ 0	\$ 0	\$ 0
		<b>Total FY 2017-2020 Cost \$ 3,007</b>					

MPMS #:93630

Municipality:Bethlehem (City)

Title:Hill to Hill Br Rehab

Route:378

Section:03B

A/Q Status:Exempt

Improvement Type:Bridge Rehabilitation

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:03/24/2022

Actual Let Date:

Geographic Limits:SR 378 (Hill to Hill Bridge) over R/R, City Street, Lehigh River in City of Bethlehem

Narrative: This project involves a replacement/rehabilitation of the Hill to Hill Bridge (SR 378) over the Lehigh River, railroad and city streets in the City of Bethlehem, Northampton County.

Lehigh		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
PE	STU	\$ 2,994	\$ 1,100	\$ 1,765	\$ 0	\$ 0	\$ 0	
PE	581	\$ 749	\$ 275	\$ 441	\$ 0	\$ 0	\$ 0	
FD	STU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,492	\$ 0	
FD	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,623	\$ 0	
UTL	STU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,428	\$ 0	
UTL	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,107	\$ 0	
ROW	STU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,219	\$ 0	
ROW	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,305	\$ 0	
CON	STU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 12,804	\$ 51,216	
CON	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,201	\$ 12,804	
		\$ 3,743	\$ 1,375	\$ 2,206	\$ 0	\$ 36,179	\$ 64,020	
<b>Total FY 2017-2020 Cost \$ 7,324</b>								

**Lehigh**

MPMS #:94895

Municipality:Upper Saucon (Twp)

Title:LVTS BR

Route:145

Section:BRM

A/Q Status:Exempt

Preserve&Repair 3

Improvement Type:Bridge Preservation Activities

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:01/14/2016

Actual Let Date:01/28/2016

Geographic Limits:Various bridges in Lehigh and Northampton Counties

Narrative:Consultant design and construction of bridge repairs and preservation of various bridges in Lehigh and Northampton Counties to reduce outstanding priority bridge repair items.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	185	\$ 150	\$ 150	\$ 150	\$ 0	\$ 0	\$ 0
		\$ 150	\$ 150	\$ 150	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 450</b>							

MPMS #:106237

Municipality:Weisenberg (Twp)

Title:LVTS BR

Route:78

Section:BRM

A/Q Status:Exempt

Preserve&Repair 5

Improvement Type:Bridge Preservation Activities

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:10/07/2021

Actual Let Date:

Geographic Limits:Various bridges in Lehigh and Northampton Counties

Narrative:This project involves a bridge preservation and rehabilitation contract for various bridges in Lehigh and Northampton Counties.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	185	\$ 0	\$ 0	\$ 0	\$ 225	\$ 0	\$ 0
CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,000	\$ 0
		\$ 0	\$ 0	\$ 0	\$ 225	\$ 5,000	\$ 0
<b>Total FY 2017-2020 Cost \$ 225</b>							

**Lehigh**

MPMS #:64729

Municipality:

Title:LVTS CMAQ-LANTA  
Flex

Route:

Section:

A/Q Status:Exempt

Improvement Type:Transit System  
Improvement

Exempt Code:Operating assistance to transit agencies

Est. Let Date:04/20/2017

Actual Let Date:

Geographic Limits:Lehigh & Northampton Counties

Narrative: This CMAQ flex from the Lehigh Valley highway and bridge TIP will provide operating assistance for LANta (transit).

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	CAQ	\$ 850	\$ 850	\$ 850	\$ 850	\$ 0	\$ 0
		\$ 850	\$ 850	\$ 850	\$ 850	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 3,400</b>							

MPMS #:102201

Municipality:

Title:LVTS Highway & Bridge  
LI

Route:

Section:

A/Q Status:Exempt

Improvement Type:Resurface

Exempt Code:"Not Rgnlly Significant" - do not fit exempt ctgry

Est. Let Date:

Actual Let Date:

Geographic Limits:Highway and Bridge

Narrative: This National Highway Performance Program based reserve line item to be utilized for cost overruns on approved highway and bridge projects from past and current Transportation Improvement Programs within the Lehigh Valley Transportation Study.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	BOF	\$ 290	\$ 0	\$ 0	\$ 3,043	\$ 9,684	\$ 7,674
CON	NHPP	\$ 0	\$ 0	\$ 0	\$ 1,895	\$ 6,687	\$ 3,134
CON	STP	\$ 2,411	\$ 1,592	\$ 6,604	\$ 6,363	\$ 15,527	\$ 500
CON	185	\$ 0	\$ 129	\$ 0	\$ 1,446	\$ 13,818	\$ 9,396
CON	581	\$ 2,985	\$ 119	\$ 1,314	\$ 3,042	\$ 10,870	\$ 5,302
		\$ 5,686	\$ 1,840	\$ 7,918	\$ 15,789	\$ 56,586	\$ 26,006
<b>Total FY 2017-2020 Cost \$ 31,233</b>							

**Lehigh**

MPMS #:57433 Municipality:Catasauqua (Boro)

Title:Lehigh Race St Intersectn Route:1004 Section:03S A/Q Status:Significant

Improvement Type:Relocation/Realignment Exempt Code:

Est. Let Date:01/18/2018 Actual Let Date:

Geographic Limits:Catasauqua Borough, Lehigh County

**Narrative:** This project involves the extension of Second Street (State Route 1004) including a new alignment with a new structure over the Catasauqua Creek and connecting an upgraded intersection with Race Street. Substantial historical resource issues will be present on this project such as the required acquisition of a portion of the historic property associated with the George Taylor House, Catasauqua historic district designation and the Lehigh Canal in the Borough of Catasauqua, Lehigh County.

Earmark PA ID#445 SAFETEA-LU \$881,298

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	581	\$ 1,200	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	STP	\$ 320	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	581	\$ 80	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	STP	\$ 800	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	581	\$ 200	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	STP	\$ 0	\$ 3,819	\$ 0	\$ 0	\$ 0	\$ 0
CON	581	\$ 0	\$ 955	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 2,600	\$ 4,774	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 7,374</b>							

MPMS #:89055 Municipality:Allentown (City)

Title:Multimodal Management Route: Section:TEM A/Q Status:Exempt

Improvement Type:Transportation Enhancement Exempt Code:"Not Rgnlly Significant" - do not fit exempt ctgry

Est. Let Date: Actual Let Date:

Geographic Limits:Lehigh and Northampton Counties,

**Narrative:** Consultant contract to assist local sponsors in developing approved transportation enhancement projects in Lehigh and Northampton Counties.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	STP	\$ 30	\$ 30	\$ 30	\$ 30	\$ 0	\$ 0
		\$ 30	\$ 30	\$ 30	\$ 30	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 120</b>							

**Lehigh**

**MPMS #:**102311      **Municipality:**Upper Macungie (Twp)  
**Title:**PA 100 Reconstruction      **Route:**100      **Section:**13M      **A/Q Status:**Exempt  
**Improvement Type:**Reconstruct      **Exempt Code:**Pavement resurfacing and/or rehabilitation  
**Est. Let Date:**03/22/2018      **Actual Let Date:**

**Geographic Limits:**PA 100 - from Schantz Road to Tilghman Street, Upper Macungie Township, Lehigh County

**Narrative:** This project involves roadway reconstruction on PA 100 from Schantz Road to Tilghman Street in Upper Macungie Township, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	NHPP	\$ 824	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FD	581	\$ 206	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	NHPP	\$ 82	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	581	\$ 21	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	NHPP	\$ 82	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	581	\$ 21	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	NHPP	\$ 0	\$ 3,008	\$ 316	\$ 7,000	\$ 5,424	\$ 0
CON	581	\$ 0	\$ 752	\$ 79	\$ 1,750	\$ 1,356	\$ 0
		\$ 1,236	\$ 3,760	\$ 395	\$ 8,750	\$ 6,780	\$ 0
<b>Total FY 2017-2020 Cost \$ 14,141</b>							

**MPMS #:**11419      **Municipality:**Upper Milford (Twp)  
**Title:**PA 29/READING RR BR      **Route:**29      **Section:**07B      **A/Q Status:**Exempt  
**Improvement Type:**Replace/Rehab      **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**12/07/2017      **Actual Let Date:**

**Geographic Limits:**PA 29 over Reading RR, Upper Milford Township, Lehigh County

**Narrative:** This project involves a replacement/rehabilitation of the bridge carrying PA 29 over the Reading Railroad in Upper Milford Township, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	NHPP	\$ 0	\$ 6,875	\$ 0	\$ 0	\$ 0	\$ 0
CON	185	\$ 0	\$ 1,719	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 8,594	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 8,594</b>							

**Lehigh**

MPMS #:102312

Municipality:South Whitehall (Twp)

Title:PA 309 Resurface

Route:309

Section:14M

A/Q Status:Exempt

Improvement Type:Restoration

Exempt Code:Pavement resurfacing and/or rehabilitation

Est. Let Date:11/15/2018

Actual Let Date:

Geographic Limits:PA 309 from Walbert Avenue to Shankweiler Road, North and South Whitehall Townships, Lehigh County

**Narrative:** This project includes pavement restoration of PA 309 from Walbert Avenue to Shankweiler Road in North and South Whitehall Townships, Lehigh County. This betterment work involves mill and overlay, concrete patching, guiderail upgrades and movement markings. Also included is the reconstruction of the SR 4003 (Orefield Road) and PA 309 intersection to accommodate truck turning movements and signal replacement.

TIP Program Years (\$000)								
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
FD	NHPP	\$ 656	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FD	581	\$ 164	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	NHPP	\$ 1,836	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	581	\$ 459	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	NHPP	\$ 2,710	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	581	\$ 677	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	581	\$ 0	\$ 4,201	\$ 2,104	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 6,502	\$ 4,201	\$ 2,104	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 12,807</b>								

MPMS #:85676

Municipality:Upper Milford (Twp)

Title:PA29/100 ovr Indian Creek

Route:29

Section:02B

A/Q Status:Exempt

Improvement Type:Replace/Rehab

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:09/14/2017

Actual Let Date:

Geographic Limits:PA29/100 over Indian Creek, Upper Milford Township, Lehigh County

**Narrative:** This project involves a replacement/rehabilitation of the bridge that carries PA 29/100 over Indian Creek in Upper Milford Township, Lehigh County.

TIP Program Years (\$000)								
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
CON	185	\$ 0	\$ 891	\$ 2,239	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 891	\$ 2,239	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 3,130</b>								

**Lehigh**

**MPMS #:**102870 **Municipality:**Alburtis (Boro)

**Title:**Penn Ave Alburtis RRX **Route:** **Section:** **A/Q Status:**Exempt

**Improvement Type:**RR Warning Devices **Exempt Code:**Railroad/highway crossing warning devices

**Est. Let Date:**12/19/2019 **Actual Let Date:**

**Geographic Limits:**Penn Ave, DOT # 592-384U, Norfolk Southern RR crossing , Alburtis Borough, Lehigh County

**Narrative:** This project involves an upgrade to railroad safety equipment where Penn Avenue crosses Norfolk Southern railway in Alburtis Borough, Lehigh County. Specifically, replacement of antiquated equipment with one mast arm and one cantilever to cover ongoing traffic will be done.

DOT #592-384U

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
CON	RRX	\$ 0	\$ 0	\$ 0	\$ 282	\$ 0	\$ 0	
		\$ 0	\$ 0	\$ 0	\$ 282	\$ 0	\$ 0	
<b>Total FY 2017-2020 Cost</b>		<b>\$ 282</b>						

**MPMS #:**95400 **Municipality:**Macungie (Boro)

**Title:**Repair / Monitor Wetlands **Route:** **Section:**RPR **A/Q Status:**Exempt

**Improvement Type:**Environmental Mitigation **Exempt Code:**"Not Rgnlly Significant" - do not fit exempt ctgry

**Est. Let Date:** **Actual Let Date:**

**Geographic Limits:**Lehigh and Northampton Counties

**Narrative:** Regional set-a-side for monitoring, maintenance and repairs of constructed wetlands on approved highway and bridge projects from past and current Transportation Improvement Programs as well as identifying potential sites for environmental mitigation requirements in Lehigh and Northampton Counties within the Lehigh Valley Transportation Study.

Known sites includes US 222, I-78 Lehigh& Northampton and SR 33/I-78

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
PE	581	\$ 50	\$ 0	\$ 50	\$ 0	\$ 0	\$ 0	
		\$ 50	\$ 0	\$ 50	\$ 0	\$ 0	\$ 0	
<b>Total FY 2017-2020 Cost</b>		<b>\$ 100</b>						



**Lehigh**

MPMS #:102868 Municipality:Upper Macungie (Twp)

Title:Ruppsville Rd Route: Section: A/Q Status:Exempt

Improvement Type:RR Warning Devices Exempt Code:Railroad/highway crossing warning devices

Est. Let Date:03/29/2018 Actual Let Date:

Geographic Limits:Ruppsville Street, Fogelsville, DOT # 591-386E, Norfolk Southern track , Upper Macungie Township, Lehigh County

Narrative: This project involves an upgrade to the railroad safety equipment including the replacement of one mast arm and one cantilever to cover ongoing traffic where Ruppsville Road crosses the track of Norfolk Southern railway in Upper Macungie Township, Lehigh County.

DOT #591-386E

Phase	Fund	TIP Program Years (\$000)					
		2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	RRX	\$ 0	\$ 270	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 270	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 270</b>							

MPMS #:92032 Municipality:Lower Milford (Twp)

Title:SR 2029 /trib Saucon Crk Route:2029 Section:01B A/Q Status:Exempt

Improvement Type:Replace/Rehab Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:07/13/2017 Actual Let Date:

Geographic Limits:SR 2029 over tributary to Saucon Creek, Lower Milford Township, Lehigh County

Narrative: This project involves a replacement/rehabilitation of the bridge that carries SR 2029 over the tributary to Saucon Creek in Lower Milford Township, Lehigh County.

Phase	Fund	TIP Program Years (\$000)					
		2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	STP	\$ 0	\$ 842	\$ 0	\$ 0	\$ 0	\$ 0
CON	185	\$ 0	\$ 211	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 1,053	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 1,053</b>							

**Lehigh**

**MPMS #:**102715 **Municipality:**Allentown (City)

**Title:**SRTS- **Route:** **Section:** **A/Q Status:**Exempt

Raub,Trexler,S.Mount

**Improvement Type:**Pedestrian Facilities **Exempt Code:**Bicycle and pedestrian facilities

**Est. Let Date:**08/25/2016 **Actual Let Date:**

**Geographic Limits:**Raub Middle School, St. Cloud Street,, South Mountain Middle School, W. Emaus Avenue, Trexler Middle School, N. 15th Street, Allentown, Lehigh County

**Narrative:** This project involves providing thermoplastic continental-type crosswalks, install signs and ADA accessible ramps to improve safety of school routes for Raub, South Mountain and Trexler Middle schools in the City of Allentown, Lehigh County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	TAU	\$ 125	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 125	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		<b>Total FY 2017-2020 Cost \$ 125</b>					

**MPMS #:**82807 **Municipality:**

**Title:**Safety Line Item\_LVTS **Route:** **Section:** **A/Q Status:**Exempt

**Improvement Type:**Safety Improvement **Exempt Code:**Safety improvement program

**Est. Let Date:** **Actual Let Date:**

**Geographic Limits:**Lehigh and Northampton Counties

**Narrative:** Line Item reserved for cost overruns on approved highway and bridge projects from past and current Transportation Improvement Programs as well as future data-driven strategic highway safety projects such as intersection safety, clear sight triangles, pavement markings, enhanced signage, rumble strips and guiderail in Lehigh and Northampton Counties within the Lehigh Valley Transportation Study.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	HSIP	\$ 854	\$ 0	\$ 0	\$ 2,312	\$ 13,240	\$ 13,240
		\$ 854	\$ 0	\$ 0	\$ 2,312	\$ 13,240	\$ 13,240
		<b>Total FY 2017-2020 Cost \$ 3,166</b>					

**Lehigh**

MPMS #:104254

Municipality:

Title:Salisbury Bike & Sidewalk

Route:

Section:

A/Q Status:Exempt

Improvement Type:Pedestrian Facilities

Exempt Code:Bicycle and pedestrian facilities

Est. Let Date:08/11/2016

Actual Let Date:

Geographic Limits:Lindberg Avenue and Flexer Avenue,, Salisbury Township, Lehigh County

Narrative: This project involves installation of bike lanes, sidewalk, crosswalks and ADA ramps along Lindberg Avenue and Flexer Avenue in Salisbury Township, Lehigh County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	TAU	\$ 216	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 216	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		<b>Total FY 2017-2020 Cost \$ 216</b>					

MPMS #:98174

Municipality:

Title:Schoenersville Rd Corrido

Route:1009

Section:01S

A/Q Status:Significant

Improvement Type:Corridor Safety Improvement

Exempt Code:

Est. Let Date:09/14/2017

Actual Let Date:

Geographic Limits:SR 1009 - Schoenersville Road, from Avenue C/Stoke Park Road to 8th Avenue, Hanover Township, Lehigh and Northampton Counties

Narrative: New signal timing plans, updated signal hardware and an upgrade in signal interconnection to a closed loop traffic responsive system along Schoenersville Road (SR1009) corridor from Avenue C/Stoke Park Road to 8th Avenue in Hanover Township, Lehigh and Northampton Counties.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
UTL	STP	\$ 690	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	STP	\$ 54	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	STP	\$ 0	\$ 700	\$ 393	\$ 0	\$ 0	\$ 0
		\$ 744	\$ 700	\$ 393	\$ 0	\$ 0	\$ 0
		<b>Total FY 2017-2020 Cost \$ 1,837</b>					

**Lehigh**

MPMS #:82806

Municipality:

Title:TAP Line Item

Route:

Section:

A/Q Status:Exempt

Improvement Type:Transportation Enhancement

Exempt Code:"Not Rgnlly Significant" - do not fit exempt ctgry

Est. Let Date:

Actual Let Date:

Geographic Limits:Lehigh and Northampton Counties

Narrative: Transportation Alternative Program Line Item for regional projects in Lehigh and Northampton Counties within the Lehigh Valley Transportation Study.

Set-a-side line item for competitively selected programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportations and enhanced mobility, community improvement activities, environmental mitigation, recreational trail program projects, and safe routes to school projects.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	TAU	\$ 96	\$ 661	\$ 661	\$ 661	\$ 2,644	\$ 2,644
		\$ 96	\$ 661	\$ 661	\$ 661	\$ 2,644	\$ 2,644
<b>Total FY 2017-2020 Cost \$ 2,079</b>							

MPMS #:11565

Municipality:Allentown (City)

Title:Tilghman St o/Lehigh & RR

Route:1002

Section:04B

A/Q Status:Exempt

Improvement Type:Replace/Rehab

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:12/15/2016

Actual Let Date:

Geographic Limits:SR 1002, Tilghman St, over Lehigh River/Corman Railroad, City of Allentown, Lehigh County

Narrative: This project involves a replacement/rehabilitation of the bridge carrying Tilghman Street (State Route 1002) over the Lehigh River and Corman Railroad in the City of Allentown, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	NHPP	\$ 7,951	\$ 1,106	\$ 2,240	\$ 0	\$ 0	\$ 0
CON	STU	\$ 3,000	\$ 7,054	\$ 1,435	\$ 0	\$ 0	\$ 0
CON	185	\$ 2,738	\$ 2,040	\$ 919	\$ 0	\$ 0	\$ 0
		\$ 13,689	\$ 10,200	\$ 4,594	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 28,483</b>							

**Lehigh**

**MPMS #:**101488 **Municipality:**Allentown (City)  
**Title:**Tilghman Street Resurface **Route:**1002 **Section:**08M **A/Q Status:**Exempt  
**Improvement Type:**Resurface **Exempt Code:**Pavement resurfacing and/or rehabilitation  
**Est. Let Date:**06/23/2016 **Actual Let Date:**

**Geographic Limits:**SR 1002 (Tilghman Street), from Front Street to 10th Street, City of Allentown, Lehigh County

**Narrative:** This project involves highway resurfacing of SR 1002 (Tilghman Street) from Front Street to 10th Street in the City of Allentown, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	581	\$ 600	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 600	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 600</b>							

**MPMS #:**47650 **Municipality:**Washington (Twp)  
**Title:**Trout Creek Bridges **Route:**4018 **Section:**02B **A/Q Status:**Exempt  
**Improvement Type:**Bridge Replacement **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**05/19/2016 **Actual Let Date:**

**Geographic Limits:**SR 4018 (Main Street) over Trout Creek and, SR 4018 (Main Street) over branch of Trout Creek, Emerald, Washington Township, Lehigh County

**Narrative:** This project involves a replacement/rehabilitation of two Stone Arch Bridges: SR 4018 (Main Street) over Trout Creek and SR 4018 (Main Street) over the branch of Trout Creek in Emerald in Washington Township, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	185	\$ 575	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 575	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 575</b>							

<b>Lehigh</b>			
<b>MPMS #:</b> 96384	<b>Municipality:</b> Whitehall (Twp)		
<b>Title:</b> US 22 Widening	<b>Route:</b> 22	<b>Section:</b> WDN	<b>A/Q Status:</b> Significant
<b>Improvement Type:</b> Widen	<b>Exempt Code:</b>		
<b>Est. Let Date:</b> 08/11/2022	<b>Actual Let Date:</b>		
<b>Geographic Limits:</b> US 22 from 15th Street to Airport Road, South Whitehall, Whitehall, and Hanover Townships, Lehigh County			

**Narrative:** This project involves highway widening to six lanes of US 22 from 15th Street to Airport Road in South Whitehall, Whitehall and Hanover Townships, Lehigh County.

US 22 Widening (Airport Rd. to 15th Street)  
Widen Route 22 with one additional lane eastbound and one additional lane westbound from Airport Road (SR 987 to 15th Street) located within Hanover Twp. (Lehigh County), Whitehall Twp., and South Whitehall Twp.

This project is air quality significant. It is anticipated to go to construction in 2023.

US 22 Widening (15th Street to Route 309)  
Widen Route 22 with one additional lane eastbound and one additional lane westbound from 15th Street to Route 309 located in South Whitehall Twp.

This project is air quality significant. It is anticipate to go to construction in 2023.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	581	\$ 0	\$ 0	\$ 5,000	\$ 5,500	\$ 6,984	\$ 0
UTL	NHPP	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,853	\$ 0
UTL	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 463	\$ 0
ROW	581	\$ 0	\$ 0	\$ 5,270	\$ 1,685	\$ 0	\$ 0
CON	NHPP	\$ 0	\$ 0	\$ 0	\$ 0	\$ 24,410	\$ 20,000
CON	581	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,103	\$ 5,000
		\$ 0	\$ 0	\$ 10,270	\$ 7,185	\$ 39,813	\$ 25,000
<b>Total FY 2017-2020 Cost \$ 17,455</b>							

<b>MPMS #:</b> 106142	<b>Municipality:</b> Allentown (City)		
<b>Title:</b> Union Street RR Upgrade	<b>Route:</b>	<b>Section:</b> 05X	<b>A/Q Status:</b> Exempt
<b>Improvement Type:</b> RR Warning Devices	<b>Exempt Code:</b> Railroad/highway crossing warning devices		
<b>Est. Let Date:</b> 10/18/2018	<b>Actual Let Date:</b>		
<b>Geographic Limits:</b> Union Street, City of Allentown, Lehigh County			

**Narrative:** This project involves Union Street rail crossing signalization upgrades in the City of Allentown, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	RRX	\$ 0	\$ 0	\$ 186	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 0	\$ 186	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 186</b>							

**Lehigh**

MPMS #:82810

Municipality:

Title:Urban Line Item Reserve

Route:

Section:

A/Q Status:Exempt

Improvement Type:Restoration

Exempt Code:Pavement resurfacing and/or rehabilitation

Est. Let Date:

Actual Let Date:

Geographic Limits:Lehigh and Northampton Counties

Narrative: LVTS  
Lehigh and Northampton Counties  
Urban Reserve Line Item 2011, 2012, 2013, and 2014

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	STU	\$ 1,765	\$ 0	\$ 0	\$ 1,858	\$ 21,094	\$ 0
		\$ 1,765	\$ 0	\$ 0	\$ 1,858	\$ 21,094	\$ 0
<b>Total FY 2017-2020 Cost \$ 3,623</b>							

MPMS #:102714

Municipality:Washington (Twp)

Title:Victory Park Sidewalk

Route:873

Section:0

A/Q Status:Exempt

Improvement Type:Pedestrian Facilities

Exempt Code:Bicycle and pedestrian facilities

Est. Let Date:08/11/2016

Actual Let Date:

Geographic Limits:east side of SR 873 for direct access to Victory Park, Slatington Borough, Lehigh County

Narrative: This project involves safety improvements to access Victory Park to include new sidewalks and curbs on the east side of SR 873 (Main Street) for direct access to Victory Park and two ADA crosswalks at the northern limits of work with signage for safer crossing from the west side of SR 873 in Slatington Borough, Lehigh County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	TAU	\$ 45	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 45	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 45</b>							

**Lehigh**

MPMS #:94680

Municipality:Slatington (Boro)

Title:Walnut Street Bridge

Route:7408

Section:WSB

A/Q Status:Exempt

Improvement Type:Bridge Replacement

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:11/02/2017

Actual Let Date:

Geographic Limits:South Walnut Street over Trout Creek, Borough of Slatington, Lehigh County

Narrative: This project involves a replacement/rehabilitation of the bridge that carries South Walnut Street over Trout Creek in the Borough of Slatington, Lehigh County.

Phase	Fund	TIP Program Years (\$000)					
		2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	BOF	\$ 288	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FD	183	\$ 54	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
FD	LOC	\$ 18	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	BOF	\$ 41	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	183	\$ 8	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	LOC	\$ 3	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	BOF	\$ 45	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	183	\$ 8	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	LOC	\$ 3	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	BOF	\$ 0	\$ 1,000	\$ 2,060	\$ 0	\$ 0	\$ 0
CON	183	\$ 0	\$ 188	\$ 386	\$ 0	\$ 0	\$ 0
CON	LOC	\$ 0	\$ 63	\$ 129	\$ 0	\$ 0	\$ 0
		\$ 468	\$ 1,251	\$ 2,575	\$ 0	\$ 0	\$ 0
		<b>Total FY 2017-2020 Cost \$ 4,294</b>					

MPMS #:94682

Municipality:Allentown (City)

Title:Wire Mill Bridge

Route:145

Section:08B

A/Q Status:Exempt

Improvement Type:Replace/Rehab

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:11/02/2017

Actual Let Date:

Geographic Limits:Bridge that carries Lehigh Street (SR 145) over Little Lehigh Creek, City of Allentown, Lehigh County

Narrative: This project involves a replacement/rehabilitation of the Wire Mill Bridge that carries Lehigh Street (SR 145) over Little Lehigh Creek in the City of Allentown, Lehigh County.



Lehigh								
		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
FD	STU	\$ 291	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
FD	183	\$ 55	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
FD	LOC	\$ 18	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
UTL	STU	\$ 0	\$ 42	\$ 0	\$ 0	\$ 0	\$ 0	
UTL	183	\$ 0	\$ 8	\$ 0	\$ 0	\$ 0	\$ 0	
UTL	LOC	\$ 0	\$ 3	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	STU	\$ 0	\$ 47	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	183	\$ 0	\$ 9	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	LOC	\$ 0	\$ 3	\$ 0	\$ 0	\$ 0	\$ 0	
CON	NHPP	\$ 0	\$ 7,900	\$ 0	\$ 0	\$ 0	\$ 0	
		\$ 364	\$ 8,012	\$ 0	\$ 0	\$ 0	\$ 0	
		<b>Total FY 2017-2020 Cost \$ 8,376</b>						
Northampton								

**Northampton**

**MPMS #:**103938 **Municipality:**Easton (City)  
**Title:**22& 13th St Interchange **Route:**22 **Section:**0 **A/Q Status:**Significant

**Improvement Type:**Interchange Improvement **Exempt Code:**

**Est. Let Date:** **Actual Let Date:**

**Geographic Limits:**SR 22 and 13th Street Interchange, SR 22 over SR 2019, SR 2017 over Sr 22, SR 2019 over Bushkill Creek, City of Easton, Northampton County

**Narrative:**The preferred alternative (Alternative 5c) is a diverging diamond interchange (DDI) also known as a double crossover diamond interchange (DCD) with a roundabout at the existing intersection of Wood Avenue and 13th Street in City of Easton, Northampton County.

Work includes:

Reconfigure 13th Street Interchange with Route 22  
 (Diverging Diamond Interchange)

- Replace Route 22 structure over 13th Street
- Replace Wood Avenue structure over Route 22
- Replace traffic signal with modern roundabout at 13th Street and Wood Avenue

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	STU	\$ 0	\$ 0	\$ 0	\$ 3,500	\$ 1,179	\$ 0
PE	581	\$ 0	\$ 0	\$ 0	\$ 875	\$ 295	\$ 0
		\$ 0	\$ 0	\$ 0	\$ 4,375	\$ 1,474	\$ 0
<b>Total FY 2017-2020 Cost</b>		<b>\$ 4,375</b>					

**MPMS #:**93116 **Municipality:**Lehigh (Twp)  
**Title:**248/946 Intersctn Impr **Route:**248 **Section:**02S **A/Q Status:**Exempt  
 Berlinsville

**Improvement Type:**Existing Signal **Exempt Code:**Intersection channelization projects  
 Improvement

**Est. Let Date:**08/25/2016 **Actual Let Date:**

**Geographic Limits:**Intersection of SR 248 and 946, Village of Berlinsville, Lehigh Township, Northampton County

**Narrative:**This project involves intersection improvements at State Route 248 and State Route 946 in the Village of Berlinsville in Lehigh Township, Northampton County. Work includes replacement of existing traffic signals with new 12" LED signals with back plates, installation of new traffic signal strain poles, widen shoulders at intersection and relocate utility poles. Additionally, update and improve all intersection signage and pavement markings.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	HSIP	\$ 1,855	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,855	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost</b>		<b>\$ 1,855</b>					

**Northampton**

**MPMS #:**91992      **Municipality:**Moore (Twp)  
**Title:**248/trib to Hokendauqua      **Route:**248      **Section:**08B      **A/Q Status:**Exempt  
 C

**Improvement Type:**Replace/Rehab      **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**06/21/2018      **Actual Let Date:**

**Geographic Limits:**SR 248 over tributary to Hokendauqua Creek, Beersville, Moore Township, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the bridge that carries SR 248 over Hokendauqua Creek in Moore Township, Northampton County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
UTL	581	\$ 26	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
CON	STU	\$ 0	\$ 0	\$ 1,421	\$ 0	\$ 0	\$ 0	
		\$ 26	\$ 0	\$ 1,421	\$ 0	\$ 0	\$ 0	
		<b>Total FY 2017-2020 Cost \$ 1,447</b>						

**MPMS #:**89641      **Municipality:**Hellertown (Boro)  
**Title:**3004 ov Saucon Creek      **Route:**3004      **Section:**01B      **A/Q Status:**Exempt

**Improvement Type:**Bridge Replacement      **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**07/13/2017      **Actual Let Date:**

**Geographic Limits:**SR 3004 over Saucon Creek, Hellertown Borough, Northampton County

**Narrative:** This project involves a rehabilitation/replacement of the bridge that carries SR 3004 over Saucon Creek in Hellertown Borough, Northampton County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
CON	581	\$ 0	\$ 2,567	\$ 0	\$ 0	\$ 0	\$ 0	
		\$ 0	\$ 2,567	\$ 0	\$ 0	\$ 0	\$ 0	
		<b>Total FY 2017-2020 Cost \$ 2,567</b>						

**Northampton**

**MPMS #:**104437      **Municipality:**Lower Nazareth (Twp)  
**Title:**33 Median Barrier-Northmp      **Route:**33      **Section:**07S      **A/Q Status:**Exempt

**Improvement Type:**Safety Improvement      **Exempt Code:**Guardrails, median barriers, crash cushions  
**Est. Let Date:**      **Actual Let Date:**

**Geographic Limits:**SR 33 - Milepost 1.4 to Milepost 16, Bethlehem Township, Lower Nazareth Township, Palmer Township, Stockertown Borough, Bushkill Township, Plainfield Township, and Wind Gap Borough, Northampton County

**Narrative:** This project involves the installation of median barrier or guiderail along SR 33 between Milepost 1.4 to Milepost 16 in Bethlehem, Lower Nazareth, Palmer, Bushkill, Plainfield Townships, and Wind Gap and Stockertown Boroughs, Northampton County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
CON	HSIP	\$ 0	\$ 2,500	\$ 0	\$ 0	\$ 0	\$ 0	
		\$ 0	\$ 2,500	\$ 0	\$ 0	\$ 0	\$ 0	
<b>Total FY 2017-2020 Cost</b>		<b>\$ 2,500</b>						

**MPMS #:**98094      **Municipality:**Nazareth (Boro)  
**Title:**Broad St Nazareth RRX      **Route:**191      **Section:**04X      **A/Q Status:**Exempt  
**Improvement Type:**RR Warning Devices      **Exempt Code:**Railroad/highway crossing warning devices  
**Est. Let Date:**09/20/2014      **Actual Let Date:**

**Geographic Limits:**SR 191 - Segment 110 offset 0219, DOT # 851-948S, RR crossing where SR 191 crosses the track with Norfolk Southern Railway, Borough of Nazareth, Northampton County

**Narrative:** This project involves safety improvements to upgrade railroad safety equipment where SR 191 crosses the track of Norfolk Southern Railway in the Borough of Nazareth, Northampton County. Work includes replacement of antiquated equipment with one mast arm and one cantilever to cover three lanes of south bound traffic.  
  
DOT #851-948S

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
CON	RRX	\$ 215	\$ 210	\$ 0	\$ 0	\$ 0	\$ 0	
		\$ 215	\$ 210	\$ 0	\$ 0	\$ 0	\$ 0	
<b>Total FY 2017-2020 Cost</b>		<b>\$ 425</b>						

**Northampton**

**MPMS #:**96429

**Municipality:**Bethlehem (City)

**Title:**Center Street Resurface

**Route:**3011

**Section:**04M

**A/Q Status:**Exempt

**Improvement Type:**Resurface

**Exempt Code:**Pavement resurfacing and/or rehabilitation

**Est. Let Date:**11/03/2016

**Actual Let Date:**

**Geographic Limits:**Center St (SR 3011) from Fahy Bridge to before Monocacy bridge, City of Bethlehem, Northampton County

**Narrative:** This project involves highway restoration of Center Street (SR 3011) from the Fahy Bridge to the Monocacy Bridge in the City of Bethlehem, Northampton County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	STP	\$ 2,472	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	581	\$ 618	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 3,090	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 3,090</b>							

**MPMS #:**102156

**Municipality:**Bethlehem (Twp)

**Title:**Easton Ave Corridor  
Imprv

**Route:**2020

**Section:**04S

**A/Q Status:**Significant

**Improvement Type:**Corridor Safety  
Improvement

**Exempt Code:**

**Est. Let Date:**09/14/2017

**Actual Let Date:**

**Geographic Limits:**Easton Avenue (SR 2020-0330/0000 to 0370/1537), from Stefko Boulevard to Willow Park Road, Bethlehem City and Bethlehem Township, Northampton County

**Narrative:** This project involves corridor improvements and four signal upgrades to meet current standards on Easton Avenue from Stefko Boulevard to Willow Park Road in Bethlehem City and Bethlehem Township, Northampton County. Work also includes installation of new signal heads, adjust timings, add new controllers for interconnect coordination between signals to provide congestion relief, and add left turn stand by lanes where appropriate. Additionally, remove trees between sidewalk and curb and between sidewalk and roadway.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	CAQ	\$ 1,530	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,530	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 1,530</b>							

**Northampton**

**MPMS #:**102223      **Municipality:**Easton (City)  
**Title:**Easton Two Way St      **Route:**      **Section:**TWC      **A/Q Status:**Significant  
 convers

**Improvement Type:**Corridor Safety      **Exempt Code:**  
 Improvement

**Est. Let Date:**12/07/2017      **Actual Let Date:**

**Geographic Limits:**2nd Street, Spring Garden Street, 4th Street and Ferry Street , City of Easton, Northampton County

**Narrative:** This project involves converting four one-way streets to two way streets to facilitate traffic movement in Easton's Central Business District. The four streets involved are 2nd Street, Spring Garden Street, 4th Street and Ferry Street in the City of Easton, Northampton County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
FD	CAQ	\$ 159	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
UTL	CAQ	\$ 56	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
ROW	CAQ	\$ 53	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	CAQ	\$ 0	\$ 1,755	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 268	\$ 1,755	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 2,023</b>							

**MPMS #:**102723      **Municipality:**Bethlehem (City)  
**Title:**Expansion Shared Lane      **Route:**      **Section:**SLM      **A/Q Status:**Exempt  
 Markings

**Improvement Type:**Bicycle Facilities/Services      **Exempt Code:**Bicycle and pedestrian facilities

**Est. Let Date:**08/11/2016      **Actual Let Date:**

**Geographic Limits:**Hanover Avenue, City of Allentown, Lehigh County, Broad Street, New Street and Main Street, City of Bethlehem, Northampton County, N. 3rd Street, Spring Garden Street, 4th Street, Ferry Street, and 2nd Street, City of Easton, Northampton County

**Narrative:** This project involves regional expansion of a shared lane pavement markings network. The installation of shared lane pavement markings along Hanover Avenue in the City of Allentown, Lehigh County, Broad Street, New Street and Main Street in the City of Bethlehem, Northampton County and North 3rd Street, Spring Garden Street, 4th Street, Ferry Street and 2nd Street in the City of Easton, Northampton County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	TAU	\$ 66	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 66	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 66</b>							

**Northampton**

**MPMS #:**93632

**Municipality:**Bethlehem (City)

**Title:**Fahy Bridge Rehab

**Route:**3011

**Section:**02B

**A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**10/22/2015

**Actual Let Date:**10/22/2015

**Geographic Limits:**SR 3011 (Fahy Bridge) over the Lehigh River,Norfolk Southern Railroad, Monocacy Creek, and Delaware and Lehigh Canal., City of Bethlehem, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the Fahy Bridge which carries SR 3011 over the Lehigh River, Norfolk Southern Railroad, Monocacy Creek and Delaware and Lehigh Canal in the City of Bethlehem, Northampton County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	NHPP	\$ 1,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	185	\$ 250	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,250	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 1,250</b>							

**MPMS #:**89617

**Municipality:**Plainfield (Twp)

**Title:**Kromer Road Bridge

**Route:**1042

**Section:**01B

**A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**12/15/2016

**Actual Let Date:**

**Geographic Limits:**Kromer Road over Route 33, Plainfield Township, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the bridge that carries Kromer Road over SR 33 in Plainfield Township, Northampton County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	185	\$ 1,714	\$ 619	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,714	\$ 619	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 2,333</b>							

**Northampton**

**MPMS #:**105949

**Municipality:**Lower Saucon (Twp)

**Title:**LVTS Bridge

**Route:**378

**Section:**BRM

**A/Q Status:**Exempt

Preservation & Repair #4

**Improvement Type:**Bridge Preservation Activities

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**08/24/2017

**Actual Let Date:**

**Geographic Limits:**Various bridges in Lehigh and Northampton Counties

**Narrative:** This project funds consultant design and construction of bridge repairs and preservation of various bridges in Lehigh and Northampton Counties to reduce outstanding priority bridge repair items.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	581	\$ 4,000	\$ 1,000	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 4,000	\$ 1,000	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 5,000</b>							

**MPMS #:**12111

**Municipality:**Bethlehem (City)

**Title:**Lynn Ave Bridge

**Route:**7301

**Section:**LYN

**A/Q Status:**Exempt

**Improvement Type:**Bridge Replacement

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**06/23/2016

**Actual Let Date:**

**Geographic Limits:**Lynn Avenue over Lehigh Valley Rail Management railroad and City of Bethlehem greenway, City of Bethlehem, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the bridge that carries Lynn Avenue over Lehigh Valley Rail Management railroad and greenway in City of Bethlehem, Northampton County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	STU	\$ 533	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	183	\$ 100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
CON	LOC	\$ 33	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 666	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 666</b>							



**Northampton**

**MPMS #:**92062      **Municipality:**Upper Nazareth (Twp)  
**Title:**PA 248 /E Br Monocacy Crk      **Route:**248      **Section:**07B      **A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab      **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**06/21/2018      **Actual Let Date:**

**Geographic Limits:**SR 248 over East branch of Monocacy Creek, Upper Nazareth Township, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the bridge carrying SR 248 over the East Branch of Monocacy Creek in Upper Nazareth Township, Northampton County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
UTL	581	\$ 26	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
CON	STU	\$ 0	\$ 0	\$ 1,257	\$ 0	\$ 0	\$ 0	
		\$ 26	\$ 0	\$ 1,257	\$ 0	\$ 0	\$ 0	
		<b>Total FY 2017-2020 Cost \$ 1,283</b>						

**MPMS #:**86853      **Municipality:**Bath (Boro)  
**Title:**Route 248 Realignment      **Route:**248      **Section:**05S      **A/Q Status:**Exempt

**Improvement Type:**Relocation/Realignment      **Exempt Code:**Changes in vertical and horizontal alignment  
**Est. Let Date:**09/06/2018      **Actual Let Date:**

**Geographic Limits:**Main St between Bridge and Chestnut Sts, Bath Borough, Northampton County

**Narrative:** Route 248 currently enters the Borough of Bath from the east via Northampton Street, turns left onto Chestnut Street and exits the Borough to the west via Main Street. This project would designate Northampton Street to its intersection with Main Street as Route 248. Current turning radius are tight and difficult for vehicles, particularly large vehicles, to navigate. This project would reduce the number of turning movements in the Borough.

Earmark PA ID#729 SAFETEA-LU \$570,000

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
FD	NHPP	\$ 288	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
FD	581	\$ 72	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
UTL	581	\$ 52	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	STP	\$ 206	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	581	\$ 52	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
CON	STU	\$ 0	\$ 0	\$ 2,185	\$ 0	\$ 0	\$ 0	
		\$ 670	\$ 0	\$ 2,185	\$ 0	\$ 0	\$ 0	
		<b>Total FY 2017-2020 Cost \$ 2,855</b>						

**Northampton**

**MPMS #:**102722 **Municipality:**Bethlehem (City)  
**Title:**S. Bethlehem Pedstrn **Route:** **Section:**BPI **A/Q Status:**Exempt  
 Impr

**Improvement Type:**Pedestrian Facilities **Exempt Code:**Bicycle and pedestrian facilities  
**Est. Let Date:**06/23/2016 **Actual Let Date:**

**Geographic Limits:**Fourth Street from Hayes St. to Buchanan St. and Taylor St. to Vine St., South Side Bethlehem, Northampton County

**Narrative:** This project involves pedestrian safety improvements that include the replacing of deficient sidewalks and adding ADA compliant curb ramps where needed on Fourth Street from Hayes Street to Buchanan Street and Taylor Street to Vine Street in City of Bethlehem, Northampton County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	TAU	\$ 100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 100</b>							

**MPMS #:**85930 **Municipality:**Washington (Twp)  
**Title:**SR 1015 o/Martins Creek **Route:**1015 **Section:**0 **A/Q Status:**Exempt  
**Improvement Type:**Bridge Rehabilitation **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**08/20/2020 **Actual Let Date:**

**Geographic Limits:**SR 1015 over Martins Creek, Washington Township, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the bridge carrying SR 1015 over Martins Creek (Br 28674) in Washington Township, Northampton County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	STP	\$ 0	\$ 112	\$ 0	\$ 0	\$ 0	\$ 0
PE	185	\$ 0	\$ 28	\$ 0	\$ 0	\$ 0	\$ 0
FD	STP	\$ 0	\$ 0	\$ 114	\$ 0	\$ 0	\$ 0
FD	185	\$ 0	\$ 0	\$ 28	\$ 0	\$ 0	\$ 0
UTL	STP	\$ 0	\$ 0	\$ 0	\$ 23	\$ 0	\$ 0
UTL	185	\$ 0	\$ 0	\$ 0	\$ 6	\$ 0	\$ 0
ROW	STP	\$ 0	\$ 0	\$ 45	\$ 0	\$ 0	\$ 0
ROW	185	\$ 0	\$ 0	\$ 11	\$ 0	\$ 0	\$ 0
CON	STP	\$ 0	\$ 0	\$ 0	\$ 900	\$ 0	\$ 0
CON	185	\$ 0	\$ 0	\$ 0	\$ 219	\$ 0	\$ 0
		\$ 0	\$ 140	\$ 198	\$ 1,148	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 1,486</b>							

**Northampton**

**MPMS #:**106299

**Municipality:**Lower Mt Bethel (Twp)

**Title:**SR 1017 Culvert

**Route:**1017

**Section:**0

**A/Q Status:**Exempt

**Improvement Type:**Bridge Replacement

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**05/05/2022

**Actual Let Date:**

**Geographic Limits:**Bridge/culvert replacement Northampton County

**Narrative:** This project involves the replacement/rehabilitation of a culvert on SR 1017 in Lower Mt Bethel Township, Northampton County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	185	\$ 0	\$ 212	\$ 0	\$ 0	\$ 0	\$ 0
FD	185	\$ 0	\$ 0	\$ 0	\$ 146	\$ 0	\$ 0
UTL	185	\$ 0	\$ 0	\$ 0	\$ 29	\$ 0	\$ 0
ROW	185	\$ 0	\$ 0	\$ 0	\$ 29	\$ 0	\$ 0
CON	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 418	\$ 0
		\$ 0	\$ 212	\$ 0	\$ 204	\$ 418	\$ 0
<b>Total FY 2017-2020 Cost \$ 416</b>							

**MPMS #:**85935

**Municipality:**Portland (Boro)

**Title:**SR 1032 o/Jacoby Cr - Mill

**Route:**1032

**Section:**01B

**A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**12/07/2017

**Actual Let Date:**

**Geographic Limits:**SR 1032 over Jacoby Creek and Mill Race, Portland Borough, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the bridge that carries State Street (SR 1032) over Jacoby Creek and Mill Race in Portland Borough, Northampton County.

TIP Program Years (\$000)							
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	BOF	\$ 0	\$ 606	\$ 0	\$ 0	\$ 0	\$ 0
CON	185	\$ 0	\$ 151	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 0	\$ 757	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 757</b>							

**Northampton**

**MPMS #:**85939      **Municipality:**Moore (Twp)  
**Title:**SR 248 ovr Hokendauqua Cr      **Route:**248      **Section:**06B      **A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab      **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**06/21/2018      **Actual Let Date:**

**Geographic Limits:**SR 248 over Hokendauqua Creek, Petersville, Moore Township, Northampton County

**Narrative:** This project involves a replacement/rehabilitation of the bridge that carries SR 248 over Hokendauqua Creek in Moore Township, Northampton County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
UTL	NHPP	\$ 21	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
UTL	185	\$ 5	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
ROW	185	\$ 52	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	
CON	185	\$ 0	\$ 81	\$ 1,510	\$ 0	\$ 0	\$ 0	
		\$ 78	\$ 81	\$ 1,510	\$ 0	\$ 0	\$ 0	
<b>Total FY 2017-2020 Cost</b>		<b>\$ 1,669</b>						

**MPMS #:**12310      **Municipality:**Allen (Twp)  
**Title:**SR 3016 /Hockendauqua Crk      **Route:**3016      **Section:**      **A/Q Status:**Exempt

**Improvement Type:**Bridge Rehabilitation      **Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)  
**Est. Let Date:**05/05/2022      **Actual Let Date:**

**Geographic Limits:**SR 3016 OV HOKENDAUQUA CREEK : ALLEN TWP :

**Narrative:** This project involves a replacement/rehabilitation of the bridge carrying SR 3016 over Hokendauqua Creek in Allen Township, Northampton County.

		TIP Program Years (\$000)						
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years	
PE	BOF	\$ 0	\$ 149	\$ 0	\$ 0	\$ 0	\$ 0	
PE	185	\$ 0	\$ 37	\$ 0	\$ 0	\$ 0	\$ 0	
FD	BOF	\$ 0	\$ 0	\$ 0	\$ 164	\$ 0	\$ 0	
FD	185	\$ 0	\$ 0	\$ 0	\$ 41	\$ 0	\$ 0	
UTL	BOF	\$ 0	\$ 0	\$ 0	\$ 47	\$ 0	\$ 0	
UTL	185	\$ 0	\$ 0	\$ 0	\$ 12	\$ 0	\$ 0	
ROW	BOF	\$ 0	\$ 0	\$ 0	\$ 66	\$ 0	\$ 0	
ROW	185	\$ 0	\$ 0	\$ 0	\$ 16	\$ 0	\$ 0	
CON	BOF	\$ 0	\$ 0	\$ 0	\$ 0	\$ 860	\$ 0	
CON	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 215	\$ 0	
		\$ 0	\$ 186	\$ 0	\$ 346	\$ 1,075	\$ 0	
<b>Total FY 2017-2020 Cost</b>		<b>\$ 532</b>						

**Northampton**

**MPMS #:**106296

**Municipality:**Bushkill (Twp)

**Title:**SR 4019 BR Replacement

**Route:**4019

**Section:**0

**A/Q Status:**Exempt

**Improvement Type:**Bridge Replacement

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**03/17/2022

**Actual Let Date:**

**Geographic Limits:**Northampton County , Various locations

**Narrative:** This project funds bridge replacements at various locations in Northampton County, which includes the following:

SR 4019 (Bushkill Drive) over tributary to Bushkill Creek  
 SR 4019 (Mountain Road) over West Fork Bushkill Creek  
 SR 4019 (Mountain Road) over Horn Creek

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
PE	185	\$ 0	\$ 424	\$ 0	\$ 0	\$ 0	\$ 0
FD	185	\$ 0	\$ 0	\$ 0	\$ 702	\$ 0	\$ 0
UTL	185	\$ 0	\$ 0	\$ 0	\$ 292	\$ 0	\$ 0
ROW	185	\$ 0	\$ 0	\$ 0	\$ 292	\$ 0	\$ 0
CON	185	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,866	\$ 0
		\$ 0	\$ 424	\$ 0	\$ 1,286	\$ 2,866	\$ 0
<b>Total FY 2017-2020 Cost \$ 1,710</b>							

**MPMS #:**94349

**Municipality:**Lehigh (Twp)

**Title:**SR4020 ovr Bertsch Creek

**Route:**4020

**Section:**03B

**A/Q Status:**Exempt

**Improvement Type:**Replace/Rehab

**Exempt Code:**Widen narw. pave. or recon brdgs (No addtl lanes)

**Est. Let Date:**09/29/2016

**Actual Let Date:**

**Geographic Limits:**SR 4020 over Bertsch Creek, Lehigh Township, Northampton County

**Narrative:** This project involves replacement/rehabilitation of the Stone Arch Bridge that carries SR 4020 over Bertsch Creek in Lehigh Township, Northampton County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	581	\$ 1,760	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 1,760	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Total FY 2017-2020 Cost \$ 1,760</b>							

**Northampton**

MPMS #:92018

Municipality:Easton (City)

Title:Third St o/ Bushkill Crk

Route:2023

Section:01B

A/Q Status:Exempt

Improvement Type:Replace/Rehab

Exempt Code:Widen narw. pave. or recon brdgs (No addtl lanes)

Est. Let Date:03/24/2016

Actual Let Date:03/24/2016

Geographic Limits:SR 2023 (N. 3rd St) over Bushkill Creek, City of Easton, Northampton County

Narrative: This project involves replacement/rehabilitation of the Stone Arch Bridge that carries North 3rd Street (SR 2023) over Bushkill Creek in the City of Easton, Northampton County.

		TIP Program Years (\$000)					
Phase	Fund	2017	2018	2019	2020	2nd 4 Years	3rd 4 Years
CON	185	\$ 150	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		\$ 150	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
		<b>Total FY 2017-2020 Cost \$ 150</b>					