

ALLENTOWN, PENNSYLVANIA 18109 (610) 264-4544

# LVTS TECHNICAL AND COORDINATING COMMITTEE and FREIGHT ADVISORY **COMMITTEE MEETING**

Wednesday, December 5, 2018 at 9:00 a.m. Catasaugua Borough Hall

Note: Meeting location has been changed to Catasaugua Borough Hall, 90 Bridge Street, Catasaugua, PA 18032. This will be a joint meeting of the LVTS Technical Committee, Coordinating Committee, and Freight Advisory Committeee.

### **AGENDA**

Call to Order

Roll Call

**Minutes** 

ACTION ITEM: Approve LVTS Joint Technical and Coordinating Committee Meeting Minutes of November 7, 2018 (see attached)

### **New Business**

- 1. FutureLV: Call for Transportation Projects and Plans (VD) (see attached)
  - Information Sessions, Required Attendance to apply, Registration Required, Wednesday, December 12th @ LVPC Office: 961 Marcon Blvd., Suite 310, Allentown, PA 18109
    - i. 1:00pm Session: https://www.eventbrite.com/e/futurelvinformation-session-one-tickets-51333122752
    - ii. 5:30 pm Session: https://www.eventbrite.com/e/futurelyinformation-session-two-tickets-42682156479
- 2. Interstate Steering Committee Initiatives, Melissa Batula, Highway Delivery Division Chief

- 3. New York/New Jersey Port Authority Presentation Port Performance, Nick Raspanti, Maritime Cargo Sales Manager
- 4. evoLVe: What's Now and What's Next Data Release
  - Equity and Environmental Justice, Commuting Patterns, Traffic, Development Report and Outlook
  - Partnership with the Greater Lehigh Valley Chamber of Commerce, Wednesday, December 5 @ ArtsQuest, 5:00 – 7:00 p.m.
  - Register at: www.lehighvalleychamber.org
- 5. 2019 Meeting Dates (BB) (see attached)

### **Old Business**

- 1. Status of Transportation Improvement Program Highway Projects (CK) (see attached)
- 2. Transportation Improvement Program Amendments for Action and Administrative Reporting PennDOT District 5 (JR) (see attached)
- 3. Moving Women Forward Event (TO, VD, BB)

## Correspondence

None

**Courtesy of the Floor** 

Adjourn

## **Next Committee Meetings**

Technical, January 2, 2019 @ 9:00 AM, LVPC Office Coordinating, February 6, 2019 @ 9:00 AM, LVPC Office Freight Advisory Committee, April 3, 2019 @ 9:00 AM, LVPC Office



## LEHIGH VALLEY TRANSPORTATION STUDY

(610) 264-4544

Minutes from the November 7, 2018

Joint Technical & Coordinating Committee Meeting

LVPC Conference Room

### Attendees:

- <u>LVPC Staff:</u> Matt Assad, Becky Bradley, Valarie Discafani, Michael Donchez, Brian Hite, Denise Leonard, Tracy Oscavich, and Chandra Parasa
- <u>LVTS Members:</u> Brendan Cotter, Ray Green, Craig Messinger, Dave Hopkins, Larry Shifflet, Rick Molchany, Robert Donchez, Owen O'Neil, Michael Rebert, Michael Emili, Tom Stoudt, Chris Kufro, and Ryan Meyer
- <u>Guests:</u> Mick Dee, Matthew Dorner, Ralph Eberhardt, Marta Gabriel, George Kinney, Andrew Kleiner, Brian Miller, Victor Rodite, Jen Ruth, and Kim Schaffer

#### **Minutes**

Mr. Rebert stated that the minutes of the October 3, 2018 LVTS Joint Technical and Coordinating Committee meeting is attached. Mr. Hopkins made a motion to approve the minutes. Mr. Cotter seconded the motion. The motion carried unanimously.

### **New Business**

LVTS Officer Nominating Committees Report

 Technical Nominating Committee met on October 3, 2018 consisted of Ray Green, Ryan Meyer, Owen O'Neil, Chris Kufro, Dave Hopkins, Mike Rebert and Becky Bradley. Mr. Meyer recapped the meeting of October 17 where the following candidates were recommendations were made for the period of a twoyear term:

> Chair – Raymond Green, PennDOT Vice Chair – Chris Kufro, PennDOT Secretary – Becky Bradley, LVPC

Mr. Cotter made a motion to accept the recommendation of the Technical Nominating Committee. Mr. Kufro seconded the motion. The motion passed unanimously.

Coordinating Nominating Committee consisted of Ray Green, Ryan Meyer,
 Owen O'Neil, Chris Kufro, Dave Hopkins, Mike Rebert and Becky Bradley. Mr.

O'Neil recapped the meeting of October 17 where the following candidates were recommendations were made for the period of a two-year term:

Chair – Michael Rebert, PennDOT Vice Chair – Larry Shifflet, PennDOT Secretary – Becky Bradley, LVPC

Mr. Molchany made a motion to accept the recommendation of the Coordinating Nominating Committee. Mr. Stoudt seconded the motion. The motion passed unanimously.

## Transportation Performance Measures

Mr. Parasa reviewed the letter received from the Department of Transportation. The Moving Ahead for Progress in the 21st Century Act (MAP-21) and Fixing America's Surface Transportation (FAST) Act established a series of performance measures to ensure effective use of Federal transportation funds. Mr. Parasa gave a presentation explaining the Transportation Performance Measures: PM1 – Safety targets and performance measures, PM2 - Infrastructure and PM3 - How well the system is performing. Transportation Performance Measures is a strategic approach that uses system information to make investment and policy decisions to achieve national performance goals. A response to PennDOT is needed by November 16th as to whether we support these measures. Mr. Parasa reviewed and explained the Performance Measures outlined in the letter. Although you accept the measures for a four year period; a mid-term evaluation and resubmission can be completed in two years. This will actually determine how the public transportation funds are spent. The measures are not optional. These metrics will be utilized as we update the Long Range Transportation Plan. A motion to support and adopt the measures by LVTS was made by Mr. Cotter and seconded by Mr. Kufro for the Technical Committee. A motion to support and adopt the measure by LVTS was made by Mr. O'Neil and seconded by Mr. Molchany for the Coordinating Committee. The motion passes unanimously.

## Transit Asset Management Plan

Mr. Cotter presented the Transit Asset Management Plan (TAM). Transit providers are required to conduct performance measures on asset management. On October 1st, 2016, Act 21 was submitted under the FAST Act, this required transit agencies submit individual or group asset management plans by October 1st, 2018. Asset management plans establish state of good repair and performance measures which are used to prioritize assets and assets replacements. There are two categories in this plan: Tier 1 and Tier 2 categories. Tier 1 categories cover any agency in the country that operates rail or fixed highway service, 101 vehicles across a fixed system, or greater than 101 vehicles in one non-fixed route mode. Tier 2 is essentially any agency that operates anything under 101 vehicles. LANTA falls under a Tier 2 agency, as such the organization is allowed to be a part of a group plan. LANTA agreed to participate in the Commonwealth's plan with 33 other agencies that fell under the Tier 2 guidelines, in the Commonwealth. This plan was submitted prior to October 1st and is in compliance with the FTA. The plan requires asset inventory and conditional assessments, along with creation of decision support tools and investment prioritization. PennDOT created a capital planning tool to help agencies meet the guidelines under the FTA ruling. Mr. Cotter explains that there are four performance measures that still need to be completed: the useful life benchmark, rolling stock, facilities, and infrastructure. LANTA does not need to report against infrastructure, however reports on the other three measures do need to be completed. The existing plan is active for four years and will be updated at the end of those four years. Ms. Bradley explains that the LVPC and LANTA

have comes to an agreement to share information as the TAM regulations will play a role in the LRTP and TIP. Ms. Bradley made a motion to the committee for agreement of support for LANTA in corporation with LVTS. Mr. Molchany seconded. The motion passed unanimously.

## LVIA Airport Area Freight Study Update

Mr. Donchez gives an update on the LVIA Airport Area Freight Study. On August 22<sup>nd</sup>, 2018 the LVIA steering committee provided input on the study. The consultant has since then taken those comments and is working on incorporating them into the project. There are upcoming deliverables for the steering committee from the consultant. Once the deliverables are obtained the LVPC will do an internal review. By early January 2019 the 3<sup>rd</sup> steering committee meeting will be held to review the document. By early next year after review, the document will be brought before LVTS for consideration. The goal is to have the study completed by April of 2019.

## Build a Better Mousetrap

Mr. Hite presents the 2018 Build a Better Mousetrap LTAP winners. The Borough of Bath was named runner up for their street sweeper-sewer grate place. It was a \$150 project. Mr. Hite explains that in four of the last five years a municipality in the Lehigh Valley area has either won or been named runner up. We have won three times with Whitehall Township, Nazareth Borough, and Upper Nazareth Township. The 2019 entry forms are available and due March 8<sup>th</sup>, 2019. This award highlights low-cost (less than \$1,000), innovative projects.

### evoLVe: What's Now and What's Next Data Release

In partnership with the Greater Lehigh Valley Chamber of Commerce, the LVPC will be launching evoLVe on December 5<sup>th</sup> at ArtsQuest from 5:00 – 7:00 pm. Formerly known as BuildLV, the evoLVe event will be presenting data on equity and environmental justice, commuting patterns, and traffic, as well as development reports and outlooks for the future.

## **Old Business**

Wallk/BikeLV: Active Transportation Plan Update - Plan Open House (November 28) Ms. Bradley provided an update of the Walk/BikeLV: Active Transportation Plan. Forty people were in attendance, all LVTS. Toole Design Group is the consultant on this project. The Plan should be completed by June 2019. Further discussion on this subject will take place at the November 28<sup>th</sup> Multimodial Working Group (see below). Public outreach to include social media and additional details are available on the project webpage at LVPC.org. People are encouraged to note bike and pedestrian needs on a wikimap before November 28<sup>th</sup>.

 Walk/BikeLV: Existing Conditions (November 28 @ 4:00 p.m., Northampton Community College Fowler Family Southside Center)
 Toole Design Group will present an existing conditions analysis followed by on Open House.

## FutureLV: Active Transportation Plan

• Planning Action Team Meetings

Ms. Bradley presents an update on the Planning Action Team (PAT) Meetings. The final meeting will be held on November 13<sup>th</sup> for the Slate Belt region, at the Pen Argyl Community Center. The LVPC has held eleven PAT meetings to date. These meetings have been purposed to bring the LTRP and the Comprehensive Plan to the municipalities and discuss specific needs for each region.

Status of Transportation Improvement Program Transit Projects Mr. Kufro provided the status of the Transportation Improvement Program Transit Projects. SR 29 over Norfolk Southern Railroad Bridge Project is on schedule. Estimated time of completion is April 25, 2019. The UGI gas line and Lifecycle Assessment (LCA) sanitary sewer relocation designs have been completed. There is still a wait for the PPL utility relocation designs. SR 145 Wire Mill Bridge over Little Lehigh Creek is scheduled to be completed next September, this project is also on schedule. The final right-of-way (ROW) mylars for SR 145 were delivered to the district on October 5, 2018. The title sheet is currently being circulated for signatures. SR 248 was completed on November 1, 2018 and had three components: over Hokendauqua Creek, Tributary to Hokendauqua Creek, and East Branch of Monocacy Creek. SR 1032 over Jacoby Creek and Mil Race is in its final design stage and set to be completed by November 2019. SR 3004 over Saucon Creek Water Street is also set to be completed in 2019. Comments for this project have been addressed. The project is still waiting for an updated coordination letter from United States Fish and Wildlife Service (USFW) to resubmit the permit. SR 7301 Gordon Street Bridge is currently getting permitted. The project is set to be completed by April 2019. SR 329 over Lehigh River – Cementon Bridge and SR 7408 South Walnut Street Bridge over Trout Creek, are scheduled to be completed by summer of 2020. The preliminary right of way plans for the SR 329 project were submitted back in May 2018. Two projects, SR 378 Hill to Hill Bridge and SR 873 over Lehigh River, are still in their early stages and set to be completed between 2024 and 2025.

Transportation Improvement Program Amendments – PennDOT District 5 None to report

Local Technical Assistance Program (LTAP)

The final class, Salt and Snow Management, will take place offsite at the City of Allentown on November 30<sup>th</sup>.

## Moving Women Forward

Secretary Richards will talk with women on the opportunities and careers in government, engineering and planning related to the transportation field. The event will take place at Lehigh University, Wood Dining Room on November 27<sup>th</sup> from 3 – 5 p.m.

## Correspondence

None

## **Courtesy of the Floor**

None

## Adjourn

Mr. Rebert asked for a motion to adjourn the meeting. Mr. Molchany made the motion with Mr. Donchez seconding. The meeting is adjourned.

Submitted by, Bethany Vazquez, Program Associate

### **LVTS Metropolitan Planning Organization**

FISCAL CONSTRAINT TABLE

## FFY 2019-2022 TIP Highway and Bridge Element

Technical and Coordinating Committees

TIP Modifications from October 1, 2018 through October 26, 2018

MPO Tech Meeting: November 7, 2018

#### FOR LVTS TECHNICAL AND COORDINATING COMMITTEES' ACTION DECEMBER 5, 2018

MPO Coord Meeting: November 7, 2018

Propose Time	Amendment #1 (Previously AA #1)				Fund Type		FFY 2019			FFY 2020			FFY 2021				FFY 2022		FFYs 2023-2026			Remarks	
2-9-176   1-9-17	Project Title	MPMS	Phas	Amts	Fed.	Sta.	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Remarks	
2-979   149   170   189   189   189   189   180	PA 29 over NS RR Bridge			Before	NHPP	581	0	0															
PA 100 PROCESTORING 100 11 PR PA 100 PROCESTORING 100 PROCESS AND 100 PROCESS	29-07B	11419	UTL	Adjust	NHPP	581	60,000	15,000															
10-194    10-1	Lehigh County			After	NHPP	581	60,000	15,000														·	
Chi-19M   Chi-	PA 100 Reconstruction				_			0															
LVTS Highway A Bridge LLVTS Highway A Bridge	100-13M	102311	ROW	Adjust	NHPP	581	80,000	20,000														Regular authority was received off	
Part   Series   Horizon   Series   Horizon   Series   Horizon   Series	Lehigh County			After	NHPP		,	-,															
Line from Reserve Line from Re				Before	BOF	185		,					- ,	,-			· ·					Source.	
Line hime Reserve   192291   Line him Reserv	LVTS Highway & Bridge			Before	NHPP	581		582,010			542,555		-,-	466,812		· ·	529,312			3,757,818			
Lehigh County				Before	STP		104,918			399,189			205,988			512,548			2,862,220				
Lehigh County  After MPP 581 366,088 547,010 1 581,305,081 542,555 1 248,517 1 251,005,081 1 251	Line Item Reserve	102201	CON	Adjust	NHPP	581	(140,000)	(35,000)															
Marting of the Control of the Cont				After	BOF	185	7,672	540,949		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718			
## FY 2015   FFY 2015   Remarks  Project Title   MPMS   PMS	Lehigh County			After	NHPP	581	366,098	547,010		581,135	542,555		445,917	466,812		522,869	529,312		1,800,187	3,757,818			
Project Title				After			104,918			399,189			205,988			512,548							
Reference   Feature   Fe									I													Remarks	
12310   Part   Adjust   Bof   185   480,000   120,000   1   1   1   1   1   1   1   1   1		MPMS	Phase	+	+		,,,	,	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Banragram funds AC'd from the	
Meadows Road Bridge CoB 115   T226   Property   Prope	1	10010	DE		_			·															
Meadows Road Bridge Co Br 15   T210 MRB		12310	PE	_																		Other phases already on 2019 TIP.	
T210-MRB   T2286   PE				_		185		120,000														Penrogram funds AC'd from the	
Northampton County  After BoF 360,000 90,000 1,021,118 340,373	· ·	12206	DE		_				ů													2017 TIP to allow conversion.	
Coplay-Northamption Bridge   Coplay-Northamption Bridge   Coplay-Northamption Bridge   Fig.   STU   1,003,937   5,445,963   1,021,118   340,373	•	12200	FE																				
Coplay-Northampton Bridge 7404-07M Lehigh County Lehigh County Lehigh County Lehigh County Lehigh County Lehigh County    11614   CON   Adjust   BoF   183   (840,000)   (157,500)   (82,50	Northampton County			_		102	,	E77 006			1 021 110	240 272											
Add-Ord Mark   11614   Control   Adjust   BoF   183   (840,000)   (157,500)   (52,500)	Coplay-Northampton Bridge				_	103		377,020	192,009	5 445 963	1,021,110	340,373										Largely funded during August	
Lehigh County    After   BGF   183   1,237,800   420,326   140,109   1,021,118   340,373	7404-07M	11614	CON	CON			183		(157 500)	(52 500)	3,443,303												redistribution off 2017 TIP.
Lehigh County   After   STU   1,003,937   5,445,963   18,545,963   1	7 10 1 0 1 111	11014	0011		_	_	(,,	( - ,,	(- //		1 021 118	340 373											
LVTS Highway & Bridge   LVTS Highway & Bridge   Line Item Reserve   Line Item Reserv	Lehigh County			_	_	100		420,020	140,103	5 445 963	1,021,110	040,070											
LVTS Highway & Bridge Line Item Reserve Incremental Line Item Reserve Lehigh County    102201   CON   Adjust   Bof   185   366,098   421,756   581,135   542,555   445,917   466,812   522,869   529,312   1,800,187   3,757,818   2,862,220					+	185		750 863			341 240		181 068	212 972		97 924	240 232		283 248	9 115 718		Balancing source to maintain fiscal	
Line Item Reserve Line Item Reserve Line Item Reserve Line Item Reserve Lehigh County    Define   STP   104,918   399,189   205,988   512,548   2,862,220	LVTS Highway & Bridge				+	_		,		,			- ,			- ' '	- ', '					constraint.	
Line Item Reserve Lehigh County    102201   CON   Adjust   BOF   185   37,500				_	+			12.1,1.00			0.2,000			,			0-0,01-						
After   BOF   185   7,672   783,863   39,356   341,240   181,068   212,972   97,924   240,232   283,248   9,115,718	Line Item Reserve	102201	CON			185		37,500		,			,			. /			,,				
Lehigh County         After NHPP         581         366,098         421,756         581,135         542,555         445,917         466,812         522,869         529,312         1,800,187         3,757,818         466,812         3,757,818         3,757,818         4,757,818					-		7,672	. ,		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718			
After         STP         104,918         399,189         205,988         512,548         2,862,220         262,200         Actions do not affect the project delivery schedules or air quality conformity.           Before FFY Totals         116,815,900         19,961,284         455,189         47,787,546         16,105,325         680,746         35,660,931         22,503,514         0         36,088,064         31,439,091         0         43,902,753         217,940,301         Actions do not affect the project delivery schedules or air quality conformity.           FFY Adjustment Totals         0         67,982         (32,471)         0	Lehigh County			_				,		,			. ,			. , ,	- ''			-, -, -			
Section   Feet   Totals   To				After	STP		104,918			399,189			205,988						2,862,220				
FFY Adjustment Totals 0 67,982 (32,471) 0 0 0 0 0 0 0 0 0 0 0 0 c concernity.	Befor	e FFY To	tals		•	•	116,815,900	19,961,284	455,189	47,787,546	16,105,325	680,746	35,660,931	22,503,514	0	36,088,064	31,439,091	0	43,902,753	217,940,301			
		FFY Adjustment Totals						67,982	(32,471)	0	0	0	0	0	0	0	0	0	0	0	0	scnedules or air quality conformity.	
		•						20,029,266	422,718	47,787,546	16,105,325	680,746	35,660,931	22,503,514	0	36,088,064	31,439,091	0	43,902,753	217,940,301			

NOTES: Non-zero adjustment totals due to GLG projects added (Statewide AA #1) and local match (AA #2 and #3).

### **LVTS Metropolitan Planning Organization**

FISCAL CONSTRAINT TABLE

#### FFY 2019-2022 TIP Highway and Bridge Element

Technical and Coordinating Committees

TIP Modifications from October 29, 2018 through November 21, 2018

MPO Tech Meeting: December 5, 2018

ADMINISTRATIVE ACTIONS FOR LVTS TECHNICAL AND COORDINATING COMMITTEES' REVIEW - 12-5-18

MPO Coord Meeting: December 5, 2018

MPO Tech Meeting: December 5					ADMINISTR	RATIVE ACTIO		TECHNICA	L AND COORI		MMITTEES'	REVIEW - 12-5-18						MPO Coord Meeting: December 5, 2018			
Administrative				Fund			FFY 2019			FFY 2020		FFY 2021			FFY 2022				Ys 2023-2026		Remarks
Project Title	MPMS	Phase	Amt	s Fed.	Sta.	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	
Gordon Street Bridge			Befor	e STP	183	537,738	587,100	195,700		0	0										Cash flow to align funding with new estimated let date of 12/12/2019.
Goldon Glicet Bridge			Befor	e STU		2,593,462			0												estimated let date of 12/12/2015.
7301 - 01B	72773	CON	Adjus	_	183	(537,738)	(587,100)	(195,700)		587,100	195,700										
			Adjus			(2,593,462)			3,131,200												
Lehigh County			After	STP	183	0	0	0		587,100	195,700										
gy			After	STU		0			3,131,200												
Coplay-Northampton Bridge			Befor	_	183	1,237,800	420,326	140,109		1,021,118	340,373										Source. Partially funded via August
y			Befor			1,003,937			5,445,963												redistribution off the 2017 TIP.
7404 - 07M	11614	CON	Adjus		183					(587,100)	(195,700)										
			Adjus						(3,131,200)												
Lehigh County			After	BOF	183	1,237,800	420,326	140,109		434,018	144,673										
			After	STU		1,003,937			2,314,763												
Urban Line Item Reserve			Befor			0			121,783			156,990			1,668,726			1,966,546			Balancing source to maintain fisca constraint.
	82810	CON	Adjus			2,593,462															
Lehigh County		ļ	After	STU	Щ	2,593,462			121,783			156,990			1,668,726			1,966,546			
			Befor		185	7,672	634,113		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		Balancing source to maintain fisca constraint.
LVTS Highway & Bridge			Befor		581	366,098	421,756		581,135	542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		
			Befor			104,918			399,189			205,988			512,548			2,862,220			
Line Item Reserve	102201	CON	Adjus	+	185		587,100														
			Adjus			537,738															
			After	BOF	185	7,672	1,221,213		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		
Lehigh County			After	NHPP	581	366,098	421,756		581,135	542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		
	<u> </u>		After	STP		642,656			399,189			205,988			512,548			2,862,220			
Statewide Administr				Fund			FFY 2019			FFY 2020			FFY 2021			FFY 2022			Ys 2023-2026		Remarks
Project Title	MPMS	Phase	+		Sta.	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	
Coopersburg Stscp Plan Ph 2			Befor			0			0												Increase to meet low bid. Sponsor to split overage.
2026 - CSP	107973	CON	Adjus			200,000			87,778												
Lehigh County			After	TAP		200,000			87,778												0
TAP Reserve			Befor	_		235,543			500,000												Source
Line Item	60560	CON		_		(200,000)			(87,778)												
Central Office		<u> </u>	After	TAP	Щ	35,543			412,222												
Administrative			1.	Fund			FFY 2019	I		FFY 2020	I		FFY 2021	I		FFY 2022	I	FFYs 2023-2026		I	Remarks
Project Title	MPMS	Phase			Sta.	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Danzagram CON
ITS Sign Upgrades - Turnpike	110550	001:	Befor	_	Toll	100,000			0												Reprogram CON. Previously received PMC approva
78 - TPI	110559	CON	Adjus			598,965			581,135												New let date is 2/13/2019.
Lehigh County	1	1	After	NHPP	Toll	698,965		1	581,135						1						Partial source.
22 Sec 400-Ph 2 (LRB)			Befor	_	$\vdash$	408,953			1,268,756												Fully funded via August
22 Sec 400-Pfi 2 (LKB)			Befor	_	$\vdash\vdash\vdash$	1,877,310 414,244		1	103,803						1						redistribution off the 2017 TIP.
22 - 400	57045	CON	Befor	_					95,771												
∠∠ <b>-</b> 400	57615	CON		_		(598,965) 408,953			1,268,756												
Labiah Causti			After	CAQ																	
Lehigh County				NHPP		1,278,345			103,803												
	1	1	After	STP	465	414,244	4 004 040	1	95,771	244.040		404.000	040.070		07.001	242.002		200.040	0.445.740		Partial source.
LVTS Highway & Bridge			Befor	_	185	7,672 366.098	1,221,213		39,356 581,135	341,240 542,555		181,068 445,917	212,972		97,924 522,869	240,232 929.312		283,248 1.800.187	9,115,718 3,920,568		i ama source.
LVTS Highway & Bridge			Befor		581	,	421,756	1	,	542,555		- ,-	466,812		. ,	929,312		,,	3,920,568		
Una hara Danama	102201	CON	Befor		F04	642,656			399,189			205,988			512,548			2,862,220			
Line Item Reserve	102201	CON	Adjus After			7,672	1,221,213		(581,135) 39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		
Lehigh County				BOF	185																
Lenigh County			After	NHPP	581	366,098 642,656	421,756		399,189	542,555		445,917	466,812		522,869	929,312		1,800,187 2,862,220	3,920,568		
			After	STP		642,656		1	399,189			205,988			512,548			2,862,220			

### **LVTS Metropolitan Planning Organization**

#### FISCAL CONSTRAINT TABLE

#### FFY 2019-2022 TIP Highway and Bridge Element

Technical and Coordinating Committees

TIP Modifications from October 29, 2018 through November 21, 2018

MPO Tech Meeting: December 5, 2018							ADMINISTRATIVE ACTIONS FOR LVTS TECHNICAL AND COORDINATING COMMITTEES' REVIEW - 12-5-18												Coord Meeting: December 5, 2018		
Administrative Action #3			Fund	Туре		FFY 2019			FFY 2020			FFY 2021			FFY 2022		FF	Ys 2023-2026			
Project Title	MPMS	Phase	Amts	Fed.	Sta.	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Remarks
Community Bike Works Ed			Before	TAU		0															Add project to the TIP.
BWE	110646	CON	Adjust	TAU		160,000															Project is listed on Line Item as approved during TIP development.
Lehigh County			After	TAU		160,000															approved during the development.
TAP Line Item			Befor	TAU		300,057			661,000			661,000			661,000						Source.
	82806	CON	Adjus	t TAU		(160,000)															
Lehigh County			After	TAU		140,057			661,000			661,000			661,000						
Amendme	nt #1			Fund	Туре		FFY 2019			FFY 2020			FFY 2021			FFY 2022		FF	Ys 2023-2026		
Project Title	MPMS	Phase	Amts	Fed.	Sta.	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Remarks
Blue Church Rd Bridge (SR 2024)			Before	STP	185	0	0														Reprogram funds AC'd from the
2024 - 02B	112024	PE	Adjust	STP	185	239,752	59,938														2017 TIP to allow conversion.
Lehigh County			After	STP	185	239,752	59,938														
			Before	BOF	185	7,672	1,221,213		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		Source.
LVTS Highway & Bridge			Before	NHPP	581	366,098	421,756			542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		
			Before	STP		642,656			399,189			205,988			512,548			2,862,220			
			Adjust	_	185	,	(59,938)		., .,			.,									
Line Item Reserve	102201	CON	Adjust	STP		(239,752)	(,,														
			After	BOF	185	7,672	1,161,275		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		
Lehigh County			After	NHPP	581	366,098	421,756			542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		
. 3 ,			After	STP	00.	402,904	,		399.189	0.2,000		205.988	,		512.548	0-0,01-		2.862.220	0,020,000		
Administrative	Action #	4	1	Fund	Type	,	FFY 2019			FFY 2020			FFY 2021		0.12,0.10	FFY 2022			Ys 2023-2026		
Project Title	MPMS	Phase	Amts	-	Sta.	Fed. (\$)		Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Remarks
Tilghman St o/Lehigh & RR			Before	+	185	1,176,000	294,000		(+)	(+)	(+)	(+)	- Table (4)	(+)	(+)	(+)		(+)	01111 (4)	(+)	Increase for additional structure
1002 - 04B	11565	CON	Adjust	STU	185	1,498,388	374,597														patching repair, removal of gunite
Lehigh County			After	STU	185	2,674,388	668,597														from Spans 3 and 11, and changeable message boards.
Urban Line Item Reserve			Before	STU	.00	2,593,462			121,783			156,990			1,668,726	1 668 726	1,966,546			Federal source.	
	82810	CON	Adjust	_		(1,498,388)			.=.,			,			.,,.			1,000,000			1
Lehigh County			After	STU		1,095,074			121,783			156,990			1,668,726			1,966,546			
zoriigii oodiity			Before	BOF	185	7,672	1,161,275		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		State source.
LVTS Highway & Bridge			Before	_	581	366,098	421,756		00,000	542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		ł
			Before	STP	501	402,904	121,700		399,189	0 12,000		205,988	100,012		512,548	020,012		2,862,220	0,020,000		ł
Line Item Reserve	102201	CON	Adjust	BOF	185	402,304	(374.597)		000,100			200,000			012,040			2,002,220			
Elilo Kolli redolivo	102201	00.1	After	BOF	185	7,672	786,678		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		ł
Lehigh County			After	NHPP	_	366,098	421,756		39,330	542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		
Loringir County			After	STP	301	402,904	421,730		399,189	342,333		205.988	400,012		512,548	323,312		2.862.220	3,320,300		
Administrative	Action #	5	7 titoi	Fund Type		402,504	FFY 2019		000,100	FFY 2020		200,000	FFY 2021	FFY 2021		FFY 2022		FFYs 2023-202		<u> </u>	
Project Title	MPMS	MS Phase Amts Fed. S				Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Fed. (\$)	State (\$)	Loc/Oth (\$)	Remarks
I-78 Restoration, Lehigh			Before	NHPP	581	. 50. (4)	0	, (ψ)	. 50. (4)	J	_30, σ (ψ)	. 50. (4)	3.0.0 (4)	_50, σ (ψ)	. 50. (4)	31010 (4)	_30,0 (ψ)	(4)	σιαισ (ψ)	_ 25, 5 (ψ)	Increase for additional accelerated
78 - 18M	85906	CON	Adjust	NHPP	581	108,000	12,000														concrete pavement patching.
Lehigh County			After	NHPP	581	108,000	12,000														
Lenigh County		<del>                                     </del>	Before	+	185	7,672	786,678		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		Source.
LVTS Highway & Bridge			Before	_	581	366,098	421,756		33,330	542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		
Lv 10 mgmway a bridge			Before	STP	JO 1	402,904	721,730		399,189	0-12,000		205,988	700,012		512,548	523,512		2,862,220	0,020,000		
Line Item Reserve	102201	CON	Adjust	NHPP	581	(108,000)	(12,000)		333,103			200,300			312,340			2,002,220			
Line Rem Neserve	102201	CON	After	BOF	185	7,672	786,678		39,356	341,240		181,068	212,972		97,924	240,232		283,248	9,115,718		
Lehigh County			After	NHPP	185 581	258,098	409,756		39,336	542,555		445,917	466,812		522,869	929,312		1,800,187	3,920,568		
			After	_	581		409,756		200 400	042,055		205,988	400,012		512,548	929,312			3,920,068		
	L	<u> </u>	Aiter	STP	L	402,904	0.404.000	225 000	399,189	E 440 000	240.270	,	2 200 000			E 0.47 700		2,862,220	CE 404 400		Actions do not affect the project
Before FFY Totals						16,543,394	8,434,698	335,809	11,673,854	5,440,093	340,373	5,139,845	3,398,920	0	9,665,157	5,847,720	0	28,661,367	65,181,430	_	delivery schedules or air quality
FFY Adjustment Totals						40.540.00	0.404.000	(,)	44.070.05	E 440 000	240.070	E 400 045	2 202 222	0	0.005.45	E 0.47 700	0	00.004.007	05 404 400	0	conformity.
After	FFY Tota	als			16,543,394	8,434,698	140,109	11,673,854	5,440,093	340,373	5,139,845	3,398,920	0	9,665,157	5,847,720	0	28,661,367	65,181,430			

NOTES: Non-zero adjustment totals due to local match (AA #1).