



STEVEN GLICKMAN  
Chair

CHRISTOPHER AMATO  
Vice Chair

KEVIN SCHMIDT  
Treasurer

BECKY A. BRADLEY, AICP  
Executive Director

## TRANSPORTATION PLANNING COMMITTEE MEETING

Thursday, December 21<sup>st</sup>, 2023 at 9:30 am

### AGENDA

THE MEETING CAN BE ACCESSED AT <https://tinyurl.com/LVPC2023> OR VIA PHONE 610-477-5793 Conf ID: 661 345 854#.

#### Roll Call

#### Courtesy of the Floor

1. *INFORMATION ITEM*: Introducing Susan Myerov, Director of Environmental Planning and Ben Dinkel, Transportation Planner

#### Committee Business for December 2023:

1. *DISCUSSION AND ACTION ITEM*: 2024 Transportation Committee Meeting Calendar (BB & HM)
2. *DISCUSSION ITEM*: Priority Climate Action Plan Goals & Policies Discussion (SM)
3. *INFORMATION ITEM*: LVTS Annual List of Obligated Projects (BH)
4. *INFORMATION ITEM*: Transportation Improvement Program Workshops (PO)
5. *INFORMATION ITEM*: Performance Measure 1 (PM1) Safety Target Setting (PO)
6. *INFORMATION ITEM*: Major Transportation Project Regional Leaders Meeting (BB)
7. *INFORMATION ITEM*: PennDOT District 5 Bridge Project Status Report (BD)
8. *INFORMATION ITEM*: Monthly Traffic Count Report (BH)
9. *INFORMATION ITEM*: Monthly Status Reports:
  - Lehigh Valley Passenger Rail Analysis (BB)
  - Eastern Pennsylvania Freight Alliance Freight Infrastructure Plan (BH)

#### Adjournment

**Next Transportation Committee Meeting:**  
Anticipated January 25, 2024 at 5:30 pm, Virtual

The LVPC/LVTS website, [www.lvpc.org](http://www.lvpc.org), may be translated into multiple languages. Publications and other public documents can be made available in non-English languages and alternative formats, if requested.



## 2024 LVPC MEETINGS

The following is the schedule of regular monthly meetings and all Committee meetings of the Lehigh Valley Planning Commission. All Commission and Committee meetings will be held virtually via Microsoft Teams, unless otherwise noted. If held in person, the location will be: **Lehigh Valley Planning Commission, 961 Marcon Boulevard, Suite 310, Allentown, PA 18109.**

**LVPC** – meets on the 4<sup>th</sup> Thursday of every month at 7:00 PM. Except November & December.

**Comprehensive Planning Committee** – meets on the Tuesday immediately preceding LVPC meeting dates at 12:00 PM.

**Environment Committee** – meets on the Tuesday immediately preceding LVPC meeting dates at 11:00 AM

**Transportation Committee** – meets on the Thursday immediately preceding LVPC meeting dates at 5:30 PM.

### Lehigh Valley Planning Commission Meetings

Meets on the 4<sup>th</sup> Thursday of every month at 7:00 PM. \*Except November and December.

Thursday	January 25, 2024	7:00 PM
Thursday	February 22, 2024	7:00 PM
Thursday	March 28, 2024	7:00 PM
Thursday	April 25, 2024	7:00 PM
Thursday	May 23, 2024	7:00 PM
Thursday	June 27, 2024	7:00 PM
Thursday	July 25, 2024	7:00 PM
Thursday	August 22, 2024	7:00 PM
Thursday	September 26, 2024	7:00 PM
Thursday	October 24, 2024	7:00 PM
*Thursday	November 21, 2024	7:00 PM
*Thursday	December 19, 2024	11:00 AM

### Environment Committee

Meets on the Tuesday immediately preceding LVPC meeting dates at 11:00 AM.

Tuesday	January 23, 2024	11:00 AM
Tuesday	February 20, 2024	11:00 AM
Tuesday	March 26, 2024	11:00 AM
Tuesday	April 23, 2024	11:00 AM
Tuesday	May 21, 2024	11:00 AM
Tuesday	June 25, 2024	11:00 AM
Tuesday	July 23, 2024	11:00 AM
Tuesday	August 20, 2024	11:00 AM
Tuesday	September 24, 2024	11:00 AM
Tuesday	October 22, 2024	11:00 AM
Tuesday	November 19, 2024	11:00 AM
Tuesday	December 17, 2024	11:00 AM

**Comprehensive Planning Committee**

Meets on the Tuesday immediately preceding LVPC meeting dates at 12:00 PM.

Tuesday	January 23, 2024	12:00 PM
Tuesday	February 20, 2024	12:00 PM
Tuesday	March 26, 2024	12:00 PM
Tuesday	April 23, 2024	12:00 PM
Tuesday	May 21, 2024	12:00 PM
Tuesday	June 25, 2024	12:00 PM
Tuesday	July 23, 2024	12:00 PM
Tuesday	August 20, 2024	12:00 PM
Tuesday	September 24, 2024	12:00 PM
Tuesday	October 22, 2024	12:00 PM
Tuesday	November 19, 2024	12:00 PM
Tuesday	December 17, 2024	12:00 PM

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**Transportation Committee**

Meets on the Thursday immediately preceding LVPC meeting dates at 5:30 PM. Except December.

Thursday	January 25, 2024	5:30 PM
Thursday	February 22, 2024	5:30 PM
Thursday	March 28, 2024	5:30 PM
Thursday	April 25, 2024	5:30 PM
Thursday	May 23, 2024	5:30 PM
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# Lehigh Valley Transportation Study

LAMONT G. MCCLURE, JR.  
Chair, Coordinating Committee

BRENDAN COTTER  
Chair, Technical Committee

BECKY A. BRADLEY, AICP  
Secretary,  
Coordinating Committee +  
Technical Committee

**DATE:** December 6, 2023  
**TO:** Lehigh Valley Transportation Study  
Technical and Coordinating Committees  
**FROM:** Brian Hite, Transportation Planner  
**REGARDING:** Federal Fiscal Year 2023 Annual List of Obligated Projects

The enclosed spreadsheets depict the Annual List of Obligated and Deobligated Projects. This is the annual amount of federal funds obligated for transportation projects.

The current U.S. Transportation Bill, the Infrastructure Investment and Jobs Act, or IIJA, legislation signed into law on November 15, 2021, and the previous Fixing America’s Surface Transportation Act, or FAST Act, requires the Lehigh Valley Planning Study (LVTS) Metropolitan Planning Organization (MPO) to publish for public review an annual listing of projects for which federal funds have been obligated ([23 CFR 450.334](#)).

This provision is intended to increase the transparency of government spending on transportation projects and strategies in the MPO area to state and local officials, and to the public at large. It also helps to ensure that the public will have an accurate understanding of how federal funds are being spent on transportation projects.

### What are "project obligations"?

Transportation projects and programs span many years and have funding “programmed” for each year, but funds are only ready to be spent or “obligated” in the current year. The annual List of Obligated Projects is required by the Federal Highway Administration (FHWA) and the Federal transit Administration (FTA) to track the federal funding that was spent in support of the transportation improvement program (TIP) and public transportation providers in each federal fiscal year which runs October through September annually.

In order to begin work on any phase of a transportation project, the funds specified for the project must be obligated. This means that the money is set aside for that particular project and associated phases. Work can then be charged to the project, including design expenses, construction, and payroll costs for local or state employees working on the project. Deobligations also account for monies saved during various phases of projects.

In Highway and Bridge projects during Federal Fiscal Year 2023 the LVTS had obligated \$64,155,137 towards 60 phases of 46 projects. The LVTS also deobligated \$4,677,497 from 18 phases of 14 projects. In Transit projects the LVTS reported 7 obligations in the amount of \$17,459,898. The Interstate Program which is administered by PennDOT Central office Obligated \$11,932,681 on 2 projects and Deobligated \$269,572 from 1 project.

### Transparency of Information

The complete list of obligated, deobligated projects including funding summaries as well as projects completed and under construction are publicly available on the Lehigh Valley Planning Commission website at <https://lvpc.org/2023-tip-obligated-projects.html>

## 2023 Funding Obligations Summary

The following two tables indicate the amount of money spent in each federal category and project phase

### Funds Obligated by Funding Category

Funding Category	Number of Projects	Funds Obligated	Percent of Total Funds
Surface Transportation Program - Urban	12	\$21,025,478	32.8%
National Highway Performance Program	9	\$20,163,335	31.4%
Highway Safety Improvement Program	8	\$7,940,903	12.4%
Congestion Mitigation Air Quality	6	\$7,449,607	11.6%
Bridge Off Network	11	\$2,599,629	4.1%
Carbon Reduction Program - Urban	3	\$2,348,024	3.7%
Surface Transportation Program (STP)	6	\$1,327,946	2.1%
Carbon Reduction Program	1	\$491,000	0.8%
Railroad Highway Safety	1	\$338,986	0.5%
Federal Flood	2	\$289,258	0.5%
Transportation Alternatives - Urban	1	\$181,471	0.3%
<b>TOTAL</b>	<b>60</b>	<b>\$64,155,637</b>	<b>100%</b>

### Funds Obligated by Project Phase of Work

Phase Category	Number of Projects	Funds Obligated	Percent of Total Funds
Construction	29	\$52,004,043	81.1%
Final Design	10	\$4,974,112	7.7%
Preliminary Engineering	6	\$4,873,808	7.6%
Rights-of-Way	7	\$1,426,475	2.2%
Utility	8	\$877,199	1.3%
<b>TOTAL</b>	<b>60</b>	<b>\$64,155,637</b>	<b>100%</b>

## 2023 Funding Deobligations Summary

The following two tables indicate where federal money was programmed for \$4.6 million greater than actual project costs, by funding categories and the project phases that came in under budget.

### Funds Deobligated by Funding Category

Funding Category	Number of Projects	Funds Deobligated	Percent of Total Funds
Surface Transportation Program - Urban (STU)	4	-\$3,055,446	65.3%
National Highway Performance Program - National Highway System (NHS)	2	-\$594,946	12.7%
National Highway Performance Program (NHPP)	2	-\$383,121	8.2%
Congestion Mitigation and Air Quality (CAQ)	2	-\$304,774	6.5%
Transportation Alternatives - Urban (TAU)	1	-\$161,622	3.5%
Transportation Alternatives (TAP)	1	-\$65,173	1.4%
Surface Transportation Program-Bridge On/Off Network (BOO)	1	-\$57,690	1.2%
Bridge Off Network (BOF)	1	-\$31,280	0.7%
Rail & Highway (RRX)	1	-\$23,947	0.5%
Special Funds (SXF)	2	-\$2,308	0%
Surface Transportation Program (STP)	1	-\$190	0%
<b>TOTAL</b>	<b>18</b>	<b>-\$4,677,497</b>	<b>100%</b>

### Funds Deobligated by Project Phase of Work

Phase Category	Number of Projects	Funds Deobligated	Percent of Total Funds
Construction	11	-\$3,741,150	79.9%
Right-of-Way	2	-\$464,057	9.9%
Preliminary Engineering	3	-\$336,054	7.1%
Utility Relocation	1	-\$136,046	2.9%
Final Design	1	-\$190	0.01%
<b>TOTAL</b>	<b>18</b>	<b>-\$4,677,497</b>	<b>100%</b>

# LVTS Federal Fiscal Year 2023 Obligations Report

PROJECT TITLE	PHASE	COUNTY	MUNICIPALITY	OBLIGATION	STATE MATCH	2023	2024	2025	2026	PROGRAM TOTAL	FUND CATEGORY
Martin Luther King Jr. Drive Improvements	Construction	L	City of Allentown	\$181,471	\$0	\$181,471	\$0	\$0	\$0	\$181,471	Transportation Alternatives - Urban
Transportation Alternatives/Multimodal Project Management	Preliminary Engineering	L/N	Various	\$189,804	\$0	\$190,000	\$75,000	\$75,000	\$75,000	\$415,000	Surface Transportation Program - Urban
Urban Intelligent Transportation Systems	Construction	L/N	Various	\$1,500,000	\$0	\$3,515,462	\$1,873,059	\$0	\$0	\$5,388,521	Congestion Mitigation and Air Quality
Urban Intelligent Transportation Systems	Construction	L/N	Various	\$491,000	\$0	\$3,515,462	\$1,873,059	\$0	\$0	\$5,388,521	Carbon Reduction Program
Urban Intelligent Transportation Systems	Construction	L/N	Various	\$1,231,337	\$0	\$3,515,462	\$1,873,059	\$0	\$0	\$5,388,521	Carbon Reduction Program - Urban
Route 29/Cedar Crest Boulevard Signal Upgrades	Construction	L	Salisbury Township	\$843,158	\$0	\$1,149,612	\$98,500	\$0	\$0	\$1,248,112	Congestion Mitigation and Air Quality
Route 29/Cedar Crest Boulevard Signal Upgrades	Construction	L	Salisbury Township	\$306,454	\$0	\$1,149,612	\$98,500	\$0	\$0	\$1,248,112	Carbon Reduction Program - Urban
Route 29/Shimersville Hill Safety Improvements	Final Design	L	Emmaus Borough and Upper Milford Township	\$89,271	\$9,919	\$99,190	\$0	\$0	\$0	\$99,190	Highway Safety Improvement Program
Route 29/Shimersville Hill Safety Improvements	Utility	L	Emmaus Borough and Upper Milford Township	\$135,000	\$15,000	\$203,286	\$22,714	\$0	\$0	\$226,000	Highway Safety Improvement Program
Chestnut Street over Norfolk Southern Railroad Bridge	Utility	L	Upper Milford Township	\$18,436	\$4,609	\$23,045	\$0	\$0	\$0	\$23,045	National Highway Performance Program
Freeway Service Patrol	Construction	L/N	Various	\$361,314	\$0	\$438,096	\$363,496	\$293,462	\$293,462	\$1,388,516	National Highway Performance Program
Low Cost Signal Upgrades	Construction	L/N	Various	\$179,675	\$0	\$179,675	\$71,000	\$0	\$0	\$250,675	Highway Safety Improvement Program
Wire Mill Bridge	Construction	L	City of Allentown	\$749,594	\$0	\$749,594	\$0	\$0	\$0	\$749,594	National Highway Performance Program
Route 145 Safety Improvements	Rights-of-Way	L	City of Allentown	\$785,250	\$87,250	\$872,500	\$0	\$0	\$0	\$872,500	Highway Safety Improvement Program
Route 145 Safety Improvements	Construction	L	City of Allentown	\$2,153,279	\$239,253	\$3,244,620	\$4,932,430	\$0	\$0	\$8,177,050	Highway Safety Improvement Program
MacArthur Road Signal Upgrade	Construction	L	City of Allentown and Whitehall Township	\$2,477,768	\$0	\$2,477,768	\$0	\$0	\$0	\$2,477,768	Congestion Mitigation and Air Quality
Route 222, Shantz Road & Route 863 Improvements	Construction	L	Upper Macungie Township	\$2,794,279	\$0	\$2,794,279	\$0	\$0	\$0	\$2,794,279	National Highway Performance Program
Route 309 & Tilghman Interchange Reconstruction	Final Design	L	South Whitehall Township	\$1,488,412	\$372,103	\$1,860,515	\$0	\$0	\$0	\$1,860,515	Surface Transportation Program - Urban
Route 309 Resurface	Final Design	L	North Whitehall Township and South Whitehall Township	\$440,218	\$110,054	\$586,901	\$0	\$0	\$0	\$586,901	National Highway Performance Program
Route 309 Center Valley Interchange	Preliminary Engineering	L	Upper Saucon Township	\$1,276,452	\$319,113	\$1,595,565	\$0	\$0	\$0	\$1,595,565	Congestion Mitigation and Air Quality

PROJECT TITLE	PHASE	COUNTY	MUNICIPALITY	OBLIGATION	STATE MATCH	2023	2024	2025	2026	PROGRAM TOTAL	FUND CATEGORY
All Weather Pavement Markers 2023	Construction	L/N	Various	\$539,181	\$0	\$539,181	\$0	\$260,819	\$0	\$800,000	Surface Transportation program
Cementon Bridge	Construction	L/N	Northampton Borough and Whitehall Township	\$5,063,941	\$1,265,985	\$7,128,497	\$0	\$0	\$0	\$7,128,497	National Highway Performance Program
Hill-to-Hill Bridge Rehabilitation	Final Design	L/N	City of Bethlehem	\$581,200	\$145,300	\$726,500	\$0	\$0	\$0	\$726,500	Surface Transportation Program - Urban
Hill-to-Hill Bridge Rehabilitation	Rights-of-Way	L/N	City of Bethlehem	\$156,000	\$39,000	\$195,000	\$0	\$0	\$0	\$195,000	Surface Transportation Program - Urban
Tilghman Street Bridge over Lehigh River & Railroad	Construction	L	City of Allentown	\$1,246,000	\$311,500	\$1,557,500	\$0	\$0	\$0	\$1,557,500	Surface Transportation Program - Urban
Lehigh Race Street Intersection	Construction	L	Catasauqua Borough	\$1,461,080	\$365,270	\$1,836,802	\$0	\$0	\$0	\$1,836,802	Surface Transportation Program - Urban
Mauch Chunk Road Signal Upgrade	Preliminary Engineering	L	South Whitehall Township	\$26,176	\$0	\$26,176	\$0	\$0	\$0	\$26,176	Congestion Mitigation and Air Quality
Systemic Safety Improvements	Construction	L/N	Various	\$3,357,074	\$0	\$3,357,074	\$0	\$0	\$0	\$3,357,074	Highway Safety Improvement Program
Hollenbach Road Bridge	Preliminary Engineering	L	Lowhill Township	\$43,216	\$10,804	\$54,020	\$0	\$0	\$0	\$54,020	Bridge Off System
Mosserville Road Bridge over Ontelaunee Creek	Final Design	L	Lynn Township	\$259,912	\$64,978	\$324,890	\$0	\$0	\$0	\$324,890	Bridge Off System
Mosserville Road Bridge over Ontelaunee Creek	Utility	L	Lynn Township	\$12,000	\$3,000	\$15,000	\$0	\$0	\$0	\$15,000	Bridge Off System
Mosserville Road Bridge over Ontelaunee Creek	Rights-of-Way	L	Lynn Township	\$78,480	\$19,620	\$98,100	\$0	\$0	\$0	\$98,100	Bridge Off System
South Walnut Street Bridge	Final Design	L	Slatington Borough	\$48,000	\$9,000	\$60,000	\$0	\$0	\$0	\$60,000	Bridge Off System
Route 22/Route 191 Interchange Improvements	Preliminary Engineering	N	Bethlehem Township	\$2,000,000	\$500,000	\$2,500,000	\$590,000	\$0	\$0	\$3,090,000	Surface Transportation Program - Urban
Route 33 Bridges over Bushkill Creek	Construction	N	Stockertown Borough	\$7,029,348	\$1,757,337	\$18,482,126	\$1,599,098	\$0	\$0	\$20,081,224	National Highway Performance Program
High Friction Surface - 2023	Construction	L/N	Various	\$381,689	\$0	\$381,689	\$0	\$400,000	\$0	\$781,689	Highway Safety Improvement Program
Broad Street Nazareth Railroad Crossing	Construction	N	Nazareth Borough	\$338,986	\$0	\$449,569	\$0	\$0	\$0	\$449,569	Rail and Highway Safety
Nazareth Pike Resurface	Construction	N	Nazareth Borough and Lower Nazareth Township	\$467,968	\$116,992	\$584,960	\$0	\$0	\$0	\$584,960	Surface Transportation Program - Urban
Route 248 Realignment	Utility	N	Bath Borough	\$112,000	\$28,000	\$140,000	\$0	\$0	\$0	\$140,000	National Highway Performance Program
Route 248 Signal Upgrade	Construction	N	Lehigh Township	\$1,006,940	\$0	\$1,817,173	\$0	\$0	\$0	\$1,817,173	Congestion Mitigation and Air Quality
Route 248 Signal Upgrade	Construction	N	Lehigh Township	\$810,233	\$0	\$1,817,173	\$0	\$0	\$0	\$1,817,173	Carbon Reduction Program - Urban

PROJECT TITLE	PHASE	COUNTY	MUNICIPALITY	OBLIGATION	STATE MATCH	2023	2024	2025	2026	PROGRAM TOTAL	FUND CATEGORY
Route 512 over Brush Meadow Creek	Final Design	N	Bangor Borough	\$327,712	\$81,928	\$409,640	\$0	\$0	\$0	\$409,640	Surface Transportation Program
Route 512 over Brush Meadow Creek	Rights-of-Way	N	Bangor Borough	\$30,080	\$7,520	\$37,600	\$0	\$0	\$0	\$37,600	Surface Transportation Program
Route 611 Culvert Replacement	Construction	N	Williams Township	\$211,584	\$52,896	\$264,480	\$0	\$0	\$0	\$264,480	Federal Flood
Williams Township Canal Wall Replacements	Final Design	N	Williams Township	\$342,576	\$85,644	\$428,220	\$0	\$0	\$0	\$428,220	National Highway Performance Program
Lower South Main Street over Martins Creek	Construction	N	Washington Township	\$2,542,374	\$635,593	\$3,300,000	\$0	\$0	\$0	\$3,300,000	Surface Transportation Program - Urban
Raubsville Road over Frey's Run	Rights-of-Way	N	Williams Township	\$7,540	\$1,885	\$9,425	\$0	\$0	\$0	\$9,425	Bridge Off System
Freemansburg Avenue Safety Improvements	Preliminary Engineering	N	Bethlehem Township	\$508,243	\$0	\$508,243	\$0	\$0	\$0	\$508,243	Highway Safety Improvement Program
Hecktown Road Bridge over Route 22	Final Design	N	Bethlehem Township	\$393,120	\$98,280	\$491,400	\$0	\$0	\$0	\$491,400	Bridge Off System
Hecktown Road Bridge over Route 22	Rights-of-Way	N	Bethlehem Township	\$134,880	\$33,720	\$168,600	\$0	\$0	\$0	\$168,600	Bridge Off System
Farmersville Road Bridge over Route 22	Rights-of-Way	N	Bethlehem Township	\$36,200	\$9,050	\$45,250	\$39,750	\$0	\$0	\$85,000	Surface Transportation Program
Tropical Storm Ida Department Force Emergency	Construction	L/N	Various	\$19,882	\$4,896	\$24,780	\$0	\$0	\$0	\$24,780	Federal Flood
Linden Street Resurface	Utility	N	City of Bethlehem and Bethlehem Township	\$49,440	\$12,360	\$61,800	\$0	\$0	\$0	\$61,800	Surface Transportation Program - Urban
Linden Street Resurface	Construction	N	City of Bethlehem and Bethlehem Township	\$5,259,236	\$1,314,809	\$4,494,260	\$2,079,785	\$0	\$0	\$6,574,045	Surface Transportation Program - Urban
Howertown Road Bridge	Construction	N	Allen Township	\$1,771,037	\$0	\$1,771,037	\$0	\$0	\$0	\$1,771,037	Surface Transportation Program - Urban
Old Carriage Road Bridge Replacement	Utility	N	East Allen Township	\$16,000	\$4,000	\$20,000	\$0	\$0	\$0	\$20,000	Bridge Off System
Old Carriage Road Bridge Replacement	Construction	N	East Allen Township	\$930,904	\$232,726	\$1,163,630	\$0	\$0	\$0	\$1,163,630	Bridge Off System
Newburg Road over Tributary to Monocacy Creek	Final Design	N	Lower Nazareth Township and Upper Nazareth Township	\$21,188	\$5,297	\$26,485	\$0	\$0	\$0	\$26,485	Surface Transportation Program
Newburg Road over Tributary to Monocacy Creek	Utility	N	Lower Nazareth Township and Upper Nazareth Township	\$215,832	\$53,958	\$444,790	\$0	\$0	\$0	\$444,790	Surface Transportation Program
Meadows Road Bridge (Northampton County Bridge 15)	Utility	N	Lower Saucon Township	\$197,564	\$0	\$300,000	\$289,990	\$0	\$0	\$589,990	Bridge Off System

# LVTS Federal Fiscal Year 2023 Deobligations

PROJECT TITLE	PHASE	COUNTY	MUNICIPALITY	OBLIGATION	STATE MATCH	2023	2024	2025	2026	PROGRAM TOTAL	FUND CATEGORY
Union Street Railroad Crossing Upgrade	Construction	L	City of Allentown	-\$23,947	\$0	\$0	\$0	\$0	\$0	\$0	Rail & Highway Safety
Delaware & Lehigh Trail, Catasauqua to Canal Park	Construction	L/N	Catasauqua Borough, Hanover Township (LC) and Hanover Township (NC)	-\$65,173	\$0	\$0	\$0	\$0	\$0	\$0	Transportation Alternatives Program
American Parkway	Construction	L	City of Allentown	-\$439	\$0	\$0	\$0	\$0	\$0	\$0	Special Federal Funds
Route 22 Section 400-Phase 2 (Lehigh River Bridge)	Rights-of-Way	L	Hanover Township and Whitehall Township	-\$325,094	-\$81,273	\$0	\$0	\$0	\$0	\$0	National Highway Performance Program National Highway System
Intelligent Transportation System Sign Upgrades - Turnpike	Utility	L/N	Various	-\$136,046	\$0	\$0	\$0	\$0	\$0	\$0	National Highway Performance Program
Intelligent Transportation System Sign Upgrades - Turnpike	Construction	L/N	Various	-\$247,075	\$0	\$0	\$0	\$0	\$0	\$0	National Highway Performance Program
Cold Springs Bridge	Rights-of-Way	L	Whitehall Township	-\$46,152	-\$11,538	\$0	\$0	\$0	\$0	\$0	Bridge On Off Network
Route 3022 from Old 22 to Main Street	Construction	L	Weisenberg Township	-\$321,860	\$0	\$0	\$0	\$0	\$0	\$0	Surface Transportation Program - Urban
Coplay-Northampton Bridge	Construction	L/N	Coplay Borough, Northampton Borough and Whitehall Township	-\$1,869	\$0	\$0	\$0	\$0	\$0	\$0	Special Funds
Coplay-Northampton Bridge	Construction	L/N	Coplay Borough, Northampton Borough and Whitehall Township	-\$1,901,013	-\$356,439	\$0	\$0	\$0	\$0	\$0	Surface Transportation Program - Urban
Hellertown Main Street Pedestrian Improvements	Construction	N	Hellertown Borough	-\$161,622	\$0	\$0	\$0	\$0	\$0	\$0	Transportation Alternatives Program - Urban
Easton Two-Way Street Conversions	Preliminary Engineering	N	City of Easton	-\$206,940	\$0	\$0	\$0	\$0	\$0	\$0	CMAQ
Route 412 Improvement	Final Design	N	City of Bethlehem	-\$152	-\$38	\$0	\$0	\$0	\$0	\$0	Surface Transportation Program
Route 412 Improvement	Construction	N	City of Bethlehem	-\$148,463	-\$37,116	\$0	\$0	\$0	\$0	\$0	National Highway Performance Program National Highway System
Route 412 Improvement	Construction	N	City of Bethlehem	-\$211,169	-\$52,792	\$0	\$0	\$0	\$0	\$0	Surface Transportation Program - Urban
Route 512 Bath Borough Corridor Signal Optimization	Preliminary Engineering	N	Bath Borough	-\$97,834	\$0	\$0	\$0	\$0	\$0	\$0	Congestion Mitigation and Air Quality
Route 512 Resurface, S. Main Street to Route 611	Construction	N	Bangor Borough and Upper Mount Bethel Township	-\$212,173	\$0	\$0	\$0	\$0	\$0	\$0	Surface Transportation Program - Urban
Filetown Road Bridges	Preliminary Engineering	N	Plainfield Township	-\$25,024	-\$6,256	\$0	\$0	\$0	\$0	\$0	Bridge Off System



# Lehigh Valley Transportation Study

**LAMONT G. MCCLURE, JR.**  
Chair, Coordinating Committee

**BRENDAN COTTER**  
Chair, Technical Committee

**BECKY A. BRADLEY, AICP**  
Secretary,  
Coordinating Committee +  
Technical Committee

**DATE:** December 6, 2023  
**TO:** Lehigh Valley Transportation Study  
 Technical and Coordinating Committees  
**FROM:** Brian Hite, Transportation Planner  
**REGARDING:** Federal Fiscal Year 2023 Annual List of Transit Related  
 Obligated Projects

Below is Lehigh Valley Transit organization(s) obligations for reporting to the Lehigh Valley Transportation Study, PennDOT and Federal Highway Administration.

## 2023 TRANSIT LISTING OF OBLIGATED PROJECTS

### 2023-2024 Listing of Obligated Projects

The following table includes federal spending on projects by type for the Lehigh and Northampton Transportation Authority (LANTA), towards investments into public transit.

Funds Projects	Sub Recipient	Federal Fund Category	Federal Funds Awarded	Federal Funds Remaining
Revenue Rolling Stock - Under 30 Foot Buses	Lehigh and Northampton Transportation Authority	5310	\$599,166	\$599,166
Revenue Rolling Stock - Under 30 Foot Accessible Vehicles	Revenue Rolling Stock - Under 30 Foot Accessible Vehicles	5310	\$156,000	\$156,000
Revenue Rolling Stock - Under 30 Foot Accessible Vehicles	Arc of the Lehigh and Northampton Counties	5310	\$52,000	\$52,000
Revenue Rolling Stock - Under 30 Foot Accessible Vehicles	Community Options Inc.	5310	\$144,000	\$144,000
LANTA FFY2022 Section 5339 Program of Projects	Lehigh and Northampton Transportation Authority		\$564,941	\$0
LANTA Section 5307 American Rescue Plan Operating Assistance - FY2024	Lehigh and Northampton Transportation Authority		\$12,544,967	\$0
LANTA FFY 2020 and FFY2022 Safety & Security Improvement Projects (S. 5307/5340)	Lehigh and Northampton Transportation Authority		\$3,398,824	\$0
<b>TOTAL</b>			<b>\$17,459,898</b>	<b>\$951,166</b>

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**SR 145 over Jordan Creek Bridge Replacement (C-C. Frey)  
City of Allentown and Whitehall Township, Lehigh County  
MPMS 110076 – est. let April 1, 2026**

- Coordination continuing with LANta regarding their bus stops and Enhanced Bus Service (EBS) project. Proposed design will not preclude EBS. Existing bus stop on northwest quadrant of the bridge will be eliminated with riders being directed to the existing bus stop on the northwest corner of the Jordan Parkway intersection
- Coordination initiated with the municipalities regarding the Jordan Creek Greenway Trail but on hold until impacts fully established
- Conceptual staging approved for TCP; design team continuing to work on Preliminary TCP submission, including operational analysis of adjacent intersections during each stage
- Design team continuing to work on H&H report, preliminary geotechnical information, and a full TS&L submission to document all alternatives evaluated. Following evaluation of the existing Jordan Creek stream channel conditions, it was determined there will be a need for stream rehabilitation/restoration in conjunction with the bridge replacement. Design team exploring options including adjusting the alignment of the proposed piers

**SR 378 Hill to Hill Bridge Rehabilitation over Lehigh River (C-B. Teles)  
City of Bethlehem, Lehigh and Northampton Counties  
MPMS 93630 – est. let February 27, 2025**

- Approved Preliminary Submissions for Roadway (Design Field View) and Structures (Type, Size and Location)
- ROW being progressed
- Preliminary H&H Submission has been reviewed
- Preliminary Lighting Submission under review
- Coordination with Norfolk Southern continues
- Utility Coordination continues
- Boring Contract #1 ongoing under the bridge
- Completed Value Engineering on project
- Traffic Coordination continues for staging, signals and pedestrian crossings
- Permit related activities have been initiated

**SR 873 over Lehigh River – Gap Bridge Repairs (C-J. Crawford)  
Washington Township, Lehigh County and Lehigh Township, Northampton County  
MPMS 107552 – est. let July 11, 2024**

- Norfolk Southern Railroad 60% plans review received September 7, 2024
- Final structure plans approved August 7, 2023 – awaiting latest bridge inspection report to finalize repair quantities – expected late 2023
- Final ROW negotiations ongoing
- GP-11 Permit submitted to DEP December 4, 2023

**Lower South Main St (SR 1015) over Martins Creek (C-M. Mignella)  
Washington Township, Northampton County  
MPMS 85930 – actual let November 2, 2023**

- D-4232 for construction approved September 5, 2023
- PS&E approved September 27, 2023
- Project advertised on September 27, 2023
- Project let on November 2, 2023
- Awarded to Grace Industries, Inc.
- Anticipated NTP is December 18, 2023

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**Fifth Street (SR 1029) Bridge Replacement (C-C. Frey)  
Whitehall Township, Lehigh County  
MPMS 94873 – est. let April 1, 2027**

- Phase I ESAs approved May 7, 2023; phase II/III ESAs will be supplemented into the scope of work. Supplement being processed
- Design team and DUA have determined the Northampton Borough Municipal Authority (NBMA) waterline will need to be relocated due to proximity to the proposed Fifth Street Bridge abutment foundations. Coordination with NBMA to be initiated early 2024
- Design team has determined retaining walls are no longer needed for the area of cut on the north side of SR 22. Design revised accordingly
- Minor comments on TS&L issued On October 16, 2023
- Safety Review approved on November 29, 2023
- Project will now be let with the SR 22/Fullerton Interchange project (MPMS 117610) due to overlapping work area

**Raubsville Road (SR 2006) over Freys Run (M. Patel)  
Williams Township, Northampton County  
MPMS 109914– est. let September 26, 2024**

- Permit application being prepared, part Approve by DEP; now technical part is being reviewed by DEP (6-5-23).
- Revised Final Structure Plan Submitted for District review (9-26-23).
- Revised Structure Foundation Report submitted for district review (8-30-23) Approved (11-07-23)
- Utility coordination ongoing

**Powder Valley Road (SR 2025) over Indian Creek (C-J. Crawford)  
Upper Milford Township, Lehigh County  
MPMS 109237 – est. let March 13, 2025**

- 2D H&H model complete
- Meeting with DEP to be held after reprioritization of projects from DEP
- TS&L and subsequent preliminary engineering submissions to be submitted after meetings

**Hecktown Road (SR 2027) Bridge over Route 22 (C-R. Himmelwright)  
Bethlehem Township, Northampton County  
MPMS 89614 – est. let August 22, 2024**

- Structure Borings completed November 2023
- CE approved June 2023
- Final ROW plans reviewed in November 2023

**Farmersville Road (SR 2029) Bridge over Route 22 (C-M. McGuire)  
Bethlehem Township, Northampton County  
MPMS 71707 – est. let August 22, 2024**

- Right of Way acquisition is in progress
- Utility re-designs in progress
- Structure Borings completed in October 2023
- Final MPT and Signing and Pavement Markings in progress
- Final Erosion and Sediment Pollution Control plans are in progress

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**Newburg Road (SR 3020) over Trib Monocacy Creek (C-E. Berg)  
Lower and Upper Nazareth Townships, Northampton County  
MPMS 85940 – actual let October 5, 2023**

- Project advertised for construction August 23, 2023
- Let October 5, 2023
- Awarded to contractor October 19, 2023
- Richard E. Pearson Construction Co., Inc. responsible low bidder

**Meadows Road (SR 7210) Bridge (C-M. McGuire)  
Lower Saucon Township, Northampton County  
MPMS 12286 – est. let February 29, 2024**

- Utility clearance issued on 11/13/23
- Right of Way clearance issued on 10/27/23
- GP-11 permit has been submitted to PADEP as of May 2023
- Final Structure Plans are in final review
- Designer is working on preparing a bid package
- Let date changed from January 11, 2024 to allow time for permits

**South Walnut Street (SR 7408) Bridge over Trout Creek (C-J. Besz)  
Slatington Borough, Lehigh County  
MPMS 94680 – est. let December 12, 2024**

- ROW acquisition is ongoing
- The Pre-Final MPT was submitted, reviewed and returned as REVISE AND RESUBMIT; revisions are ongoing
- The Structure Foundation Report was submitted and is under review
- Development of the Final Structure Plans is ongoing
- Utility coordination continues
- Drainage design continues
- The Joint Permit Application was submitted to PADEP on 11/9/23
- Section 106 Consulting Party coordination for development of mitigation measures is ongoing

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<b><u>ACRONYM REFERENCE</u></b>	
ACM/LBP	ASBESTOS CONTAINING MATERIAL / LEAD BASED PAINT
ACOE	ARMY CORPS OF ENGINEERS
ADA	AMERICAN WITH DISABILITIES ACT
BRPA	BRIDGE AND ROADWAY PROGRAMMATIC AGREEMENT
CBR	CONSTANT BIT RATE
CE	CATEGORICAL EXCLUSION
CEE	CATEGORICAL EXCLUSION EVALUATION
CO	CENTRAL OFFICE
CRP	CULTURAL RESOURCES PROFESSIONAL
DCNR	DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DEP	DEPARTMENT OF ENVIRONMENTAL PROTECTION
DFV	DESIGN FIELD VIEW
DO	DISTRICT OFFICE
E&S	EROSION AND SEDIMENTATION
ESA	ENVIRONMENTAL SITE ASSESSMENT
FD	FINAL DESIGN
FHWA	FEDERAL HIGHWAY ADMINISTRATION
GP	GENERAL PERMIT
H&H	HYDROLOGIC AND HYDRAULIC
HOP	HIGHWAY OCCUPANCY PERMIT
HRSF	HISTORIC RESOURCE SURVEY FORM
JD	JURISDICTIONAL DETERMINATION
JPA	JOINT PERMIT AGREEMENT
L&G	LINE AND GRADE
LCCD	LEHIGH COUNTY CONSERVATION DISTRICT
LGTS	LINE, GRADE AND TYPICAL SECTION
MPT	MAINTENANCE AND PROTECTION OF TRAFFIC
NOITE	NOTICE OF INTENT TO ENTER
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTP	NOTICE TO PROCEED
PHMC	PA HISTORICAL AND MUSEUM COMMISSION
PNDI	PENNSYLVANIA NATURAL DIVERSITY INVENTORY
POA	POINT OF ACCESS
PS&E	PLANS, SPECIFICATIONS AND ESTIMATE
ROW	RIGHT OF WAY
RSGER	RECONNAISSANCE SOILS AND GEOLOGICAL ENGINEERING REPORT
SEPS	SUBSURFACE EXPLORATION PLANNING SUBMISSION
SFV	SCOPE AND FIELD VIEW
SHPO	STATE HISTORIC PRESERVATION OFFICE
SPMP	SIGNING AND PAVEMENT MARKING PLAN
SUE	SUBSURFACE UTILITY ENGINEERING
T&E	THREATENED AND ENDANGERED SPECIES COORDINATION
TCP	TRAFFIC CONTROL PLAN
TIF	TECHNICALLY INFEASIBILITY FORM
TS&L	TYPE, SIZE AND LOCATION
USFWS	UNITED STATES FISH AND WILDLIFE SERVICE

# TOTAL VEHICLE TRAFFIC



# TOTAL TRUCK TRAFFIC

