



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

LVTS TECHNICAL COMMITTEE MEETING Wednesday, March 16, 2022 at 9:00 a.m. LVPC Virtual Meeting Agenda

Roll Call

Courtesy of the Floor

1. Welcome New Team Members:
 - Hannah Milagio, Program Associate for Community Engagement

Minutes

1. *ACTION ITEM*: Technical Committee approval of Joint LVTS Technical & Coordinating Committee Meeting Minutes of February 16, 2022.

Old Business

1. *PRESENTATION ITEM*: PennDOT District 5-0 Bridge Projects Status Report (SV)
2. *INFORMATION ITEM*: PennDOT District 5-0 Transportation Improvement Program Modifications (JR)
 - March TIP Administrative Actions
 - Federal Fiscal Year 2022 Infrastructure Investment and Jobs Act Additional Funds Administrative Actions
3. *INFORMATION ITEM*: Draft 2023-2026 Transportation Improvement Program Schedule and Update (PC)
4. *INFORMATION ITEM*: Monthly Traffic Report (BH)

New Business

1. *INFORMATION ITEM*: BuildLV Annual Development Report (BB)
2. *INFORMATION ITEM*: Grant Programs (PC)
 - PA WalkWorks Active Transportation Grants
 - PA Department of Community and Economic Development Multimodal Transportation Fund Grants

Public Engagement and Participation:

1. Media (MA)

- Morning Call Business Cycle Column – Next Publish March 27
 - i. BuildLV Development Report: Housing
- WDIY, 88.1 FM, National Public Radio – New Plan Lehigh Valley Radio Show, aired March 7
 - i. BuildLV Development Report: Housing with Senior Community Planner Jill Seitz. Now streaming at <https://www.wdiy.org/programs/plan-lehigh-valley#stream/0>

2. Education

- **Lehigh Valley Government Academy Classes (HM)**
 - i. Zoning Administration - April 4th, 11th and 18th
 - ii. Subdivision and Land Development - May 3rd, 10th, 17th
 - iii. Community Planning -- Sept 7th, 14th, 21st
 - iv. Zoning -- Oct 6th, 13th, 20th
- **Local Technical Assistance Program Classes (BH)**
 - i. March 17: Roadway Inventories + Pavement Preservation 8 am to Noon
 - ii. March 22: Erosion and Sediment Control, 8 am to Noon
 - iii. March 25: Local Road Safety Plans, 8 am to Noon
 - iv. March 29: Risk management Strategies, 8 am to Noon
 - v. April 5: Traffic Signs Basics, 8 am to Noon
 - vi. April 7: Traffic Signal Permit Drawings, 11 am to Noon

Adjourn

Next Committee Meetings

Meetings will be held virtually

LVTS Joint Technical and Coordinating Committees, April 20, 2022 @ 9:00 AM

LVTS Technical Committee, May 18, 2022 @ 9:00 AM

Meeting participation information can be found here:

<https://www.lvpc.org/transportation-committees.html>



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

Lehigh Valley Transportation Study
Minutes from the Wednesday, February 16, 2022
Joint Technical and Coordinating Committee Meeting
DUE TO THE COVID-19 PANDEMIC THIS MEETING WAS HELD VIA
WEB AND/OR CALL

Prior to the meeting being called to order, Mr. Stewart stated that the agenda and materials for this meeting were posted on the LVPC website. He provided directions on how to participate in the virtual meeting and the protocol to allow the meeting to flow smoothly. The meeting was advertised in the Lehigh Valley Press on Wednesday January 5, 2022.

Mr. Lamont McClure chaired the meeting.

Mr. McClure welcomed the members and the public participants and called the meeting to order.

Mr. Stewart took Roll Call.

Attendees:

LVTS Coordinating Committee

City of Bethlehem	Michael Alkhal (Alt)
City of Easton	David Hopkins (Alt)
LVPC	Becky Bradley
Northampton County	Lamont McClure
PennDOT District 5	Mike Rebert
PennDOT Central Office	Brian Hare
City of Allentown	Craig Messinger (Alt)
Lehigh County	Rick Molchany (Alt)
LANTA	Owen O'Neil
LNAA	Thomas Stoudt

LVTS Technical Committee:

LVPC	Becky Bradley
LANTA	Brendan Cotter
City of Allentown	Irene Woodward (Alt)
City of Easton	David Hopkins (Alt)
PennDOT Central Office	James Mosca
PennDOT District 5	Jen Ruth
LNAA	Ryan Meyer

Members Absent: William Reynolds/Darlene Heller.

Staff Present: Matt Assad, Becky Bradley, Paul Carafides, Brad Stewart and Brian Hite.

Public Present: Steve Glickman, Brian Miller, Jennifer Crobak, Erich Zimmerman, Elliot Fink, Kevin Kalman, Andrew Kleiner, Amanda Leindecker, Kerry Cox, Michael Grantner, Marta Gabriel, Mark Spadea, Max Inkrote, Christine Frey, Josh Ortiz, David Alas, Richard Ames, Michael Dee, Sarah Cassi, Matthew Szuchyt, Scott Vottero, William Laird, Jennifer Walsh, Lee Rackus, Heather Kubic Skapyak, Ken O'Brien.

Courtesy of the Floor

Mr. McClure opened the floor to the public who wish to speak on items not on the agenda. Mr. Kalman inquired about the status of the Traffic Incident Management Committee. Mr. Carafides mentioned LVTs is working towards the formation of the Committee in the future. Mr. McClure asked if anyone else have an item. Hearing none, he moved on to the minutes.

Minutes

Mr. McClure asked for approval of the minutes with Chair of the Technical Committee, Mr. Cotter. Mr. Cotter stated that the Committee held the last Technical Committee meeting on January 19th, 2022. The January 19th, 2022, Coordinating Committee Meeting was held jointly with the Technical Committee. Mr. Stewart noted the actions voted on.

- Minutes from the December 15, 2021, Joint Technical & Technical Committee Meeting
- PM-1 Safety Performance Measures Target Setting
- 2023-2026 Technical Committee Officer Elections
- 2022-2024 Draft Unified Planning Work Program Adoption
- Adjournment.

Mr. Cotter asked for a motion to approve the minutes from the Technical Committee Meeting on January 19th, 2022. Mr. Mosca made the motion for approval of the Technical Committee Meeting minutes, seconded by Ms. Heller. Mr. Cotter asked for any questions or comments from the members and the public. Hearing none, Mr. Cotter asked Ms. Bradley to call for a vote and the motion carried.

Mr. McClure moved on to the approval of the January 19th, 2022, Coordinating Committee Meeting minutes. The January 19th, 2022, Coordinating Committee Meeting was held jointly with the Technical Committee.

- Minutes from the December 15, 2021, Joint Technical & Coordinating Committee Meeting
- PM-1 Safety Performance Measures Target Setting
- 2022-2023 Coordinating Committee Officer Elections
- Eastern Pennsylvania Freight Alliance Partner Agreement
- Adjournment

Mr. McClure asked for a motion to accept the Coordinating Committee Meeting minutes. Mr. Molchany made the motion to accept the Coordinating Committee Meeting minutes, seconded by Mr. Messinger. Mr. McClure asked for any comments or question from the members or the public. Hearing none, Ms. Bradley called for a vote and the motion carried.

Old Business

PRESENTATION: PennDOT District 5-0 Transportation Alternatives Set Aside (TASA) and Multimodal Transportation Fund (MTF) Projects Status Report

Mr. Vottero highlighted the following items; D&L Trail Catasauqua to Canal Park, Broadway and Delaware Ave., Allentown MLK Jr. Dr., Two Rivers Trail Gap 9A. There were no further questions.

INFORMATION AND ACTION ITEM: PennDOT District 5-0 Transportation Improvement Program Modifications (TIP)

Ms. Ruth reviewed the PennDOT TIP Program Administrative Actions. Ms. Ruth and Mr. McClure asked for any questions or comments. There were none.

Mr. McClure then moved on to the PennDOT District 5-0 TIP Amendments. There were for amendments which were discussed by Jen Ruth, PennDOT District 5-0.

Ms. Ruth reviewed the TIP Amendment #1 for Powder Valley Road over Indian Creek. The Amendment seeks to add Federal Fiscal year 2022 Final Design Phase in the amount of \$275,000 and Federal Fiscal Year 2022 Right-of-Way Phase in the amount of \$100,000 to the current TIP.

Ms. Ruth and Mr. McClure asked for any questions or comments. There were none. Mr. Cotter called for a motion from the Technical Committee to adopt the TIP Amendment and forward the recommendation to the Coordinating Committee. Mr. Hopkins made a motion to approve the TIP Amendment. Mr. Meyer seconded the motion. The floor was opened for comments and questions. Then Mr. Cotter, asked for the vote on the motion. Ms. Bradley called for votes and the motion carried with the Technical Committee.

Mr. McClure then asked for a motion from the Coordinating Committee to approve the TIP Amendment for Powder Valley Road over Indian Creek that was forwarded from the Technical Committee. Mr. Stoudt made a motion to accept the TIP Amendment. Mr. Molchany seconded the motion. Mr. McClure asked if any members had any questions or comments, hearing none he asked Ms. Bradley to call for a vote. Ms. Bradley called for the vote and the motion was approved.

Ms. Ruth reviewed the TIP Amendment #2 for US Route 22 from Farmersville Road to State Route 512 which would increase the Construction Phase costs to cover bridge work and anticipated increase in materials costs in the amount of \$2,500,000. Ms. Ruth asked for any questions or comments. There were none. Mr. Cotter called for a motion from the Technical Committee to accept the TIP Amendment and forward the recommendation to the Coordinating Committee. Ms. Bradley made a motion to approve. Mr. Mosca seconded the motion. The floor was opened for comments and questions. Then Mr. Cotter, asked for the vote on the motion. Ms. Bradley called for votes and the motion carried with the Technical Committee.

Mr. McClure then asked for a motion from the Coordinating Committee to accept the TIP Amendment for US Route 22 from Farmersville Road to State Route 512 that was forwarded from the Technical Committee. Mr. Molchany made a motion to accept the TIP Amendment for US Route 22 from Farmersville Road to State Route 512. Mr. Alkhal seconded the motion. Mr. McClure asked if any members had any questions or comments, hearing none he asked Ms. Bradley to call for a vote. Ms. Bradley called for a vote and the motion was approved.

Ms. Ruth reviewed the TIP Amendment #3 State Route 611 Resurface Bucks County Line to Browns Drive which provides for a \$1,685,000 increase for Construction to fully cover current estimate for contracted work previously anticipated to be completed by Maintenance forces. Ms. Ruth asked for any questions or comments. There were none. Mr. Cotter called for a motion from the Technical Committee to adopt the TIP Amendment and forward the recommendation to the Coordinating Committee. Ms. Bradley made a motion to approve the TIP Amendment. Ms. Woodward seconded the motion. The floor was opened for comments and questions. Then Mr. Cotter, asked for the vote on the motion. Ms. Bradley called votes and the motion carried with the Technical Committee.

Mr. McClure then asked for a motion from the Coordinating Committee to approve the TIP Amendment for State Route 611 Resurface Bucks County Line to Browns Drive which was forwarded by the Technical Committee. Mr. Stoudt made a motion to accept the TIP Amendment. Mr. Molchany seconded the motion. Mr. McClure asked if any members had any questions or comments, hearing none he asked Ms. Bradley to call for a vote. Ms. Bradley called for a vote and the motion was approved.

Ms. Ruth reviewed the TIP Amendment #4 for four added projects (Cedar Crest Corridor Improvement Study, LVTS On Demand Systemic Safety Improvements, SR 191 Lower Nazareth Intersection Improvements, and Freemansburg Ave Safety Improvements) to use Highway Safety Improvement Funds which consists of an adjustment of \$1,833,333 in Federal Fiscal Year 2022 of the State Route 29 – Shimersville Hill Safety Improvements construction phase to align with anticipated need and carried on the draft 2023-2026 TIP with an addition of \$1,666,667 to the construction phase in Federal Fiscal Year 2023 and addition of \$166,666 to the construction phase in federal Fiscal year 2024; Release funds from the Route 145 Safety Improvements Construction Phase in the amount of \$1,500,000 in Federal Fiscal Year 2023 and \$150,000 in Federal Fiscal Year 2024 due to the project receiving spike funds and being carried fully on the draft 2023-2026 TIP; Adjust LVTS Highway & Bridge Line Item Reserve for funds in the Construction Phase in the additional amount of \$183,333 in Federal Fiscal Year 2023, Subtract \$166,667 in Federal Fiscal Year 2024 and \$16,666 in Federal Fiscal Year 2024 as a balancing source to maintain fiscal constraint.

Ms. Ruth asked for any questions or comments. Mr. Kalman asked if an emergency vehicle signal at the Freemansburg Avenue/9th Street intersection would be include in the Freemansburg Avenue Safety Improvements project. Ms. Bradley replied to Mr. Kalman by mentioning that the Metropolitan Planning Organization (MPO) will work to coordinate with Bethlehem Township to get more information on the project. Mr. Cotter called for a motion from the Technical Committee to accept the TIP Amendment and forward the recommendation to the

Coordinating Committee. Mr. Meyer made a motion to accept the TIP Amendment. Ms. Woodward seconded the motion. The floor was opened for comments and questions. Then Mr. Cotter, asked for the vote on the motion. Ms. Bradley called votes and the motion carried with the Technical Committee.

Mr. McClure then asked for a motion from the Coordinating Committee to accept the TIP Amendment for the addition of four Highway Safety Improvement Program funded projects. Mr. O'Neil made a motion to accept the TIP Amendment. Mr. Stoudt seconded the motion. Mr. McClure asked if any members had any questions or comments, hearing none he asked Ms. Bradley to call for a vote. Ms. Bradley called for a vote and the motion was approved.

INFORMATION ITEM: PennDOT Infrastructure Investment and Jobs Act Additional Funding - FY22 TIP Administrative Actions

Mr. Rebert explained the breakdown of the 2022 fiscal year from the new Infrastructure Investment and Jobs Act (IIJA). The region will receive \$5,954,000 in National Highway Performance Program (NHPP) funding, \$1,409,000 in Highway Safety Improvement Program (HSIP) funding, \$81,000 in Congestion Mitigation and Air Quality (CMAQ) funding, \$7,848,000 in Bridge Investment Program (BRIP) funding, and \$1,835,000 in Off-System Bridges (BOF) funding. There will be a second phase of IIJA funding in 2022 where the region will receive an additional \$1,100,000. Mr. Rebert mentioned there will be other funding available this year for the region in form of Transportation Alternative Program (TAP) funding at \$900,000 and Surface Transportation (STU) funding at \$976,000. Mr. Molchany asked how the IIJA funding was divvied up by regional Metropolitan Planning Organization's (MPO). Mr. Rebert replied that the Financial Guidance Committee uses a formula to determine how much funding each MPO in the Commonwealth receives. Mr. Molchany asked considering the land use impacts the Lehigh Valley has experienced, if the metrics used for the Lehigh Valley were dated and is that the reason why some MPOs received more funding than the Lehigh Valley. Mr. Rebert replied that metrics are not outdated and that the land area size of a MPO also factors into the formula which is why some MPOs received more funding. Mr. Molchany then asked who approves the funding for the MPOs or is this something simply formula based. Mr. Rebert replied it's all formula-based and the formula is reviewed by representatives from MPOs and PennDOT districts across the Commonwealth. Mr. Hare mentioned that the formula has evolved to more asset-based criteria.

Mr. Rebert highlighted the 2022 projects that will receive IIJA funding. They are:

Bridge Investment Program Funds (BRIP) - \$7,848,000

- \$5,500,000 – Race Street over Lehigh River (108134) - Toll Credit due to not having Capital Budget
- \$1,448,000 – Richmond Bridge (12084) - To match how programmed on draft 2023 TIP
- \$900,000 – PA 33 Bushkill Creek Bridges (96431) – Advance to let off 2021 TIP

Off-System Bridge Funds (BOF) - \$1,835,000

- \$1,835,000 – Country Club Road over US 22 (89616) – Advance to let as design/build off 2021 TIP

National Highway Performance Program (NHPP) Funds - \$5,954,000

- \$3,000,000 – Cementon Bridge (11413) – Advance funds programmed in FFY 23 and 24
- \$330,000 – PA 33 Bushkill Creek Bridges (96431) – Advance to let off 2021 TIP
- \$170,360 – Williams Twp Canal Wall Replacement (79468) – Advance funds programmed in FFY 23
- \$2,453,640 – LVTS Highway & Bridge Line Item (102201) – To be assigned to projects as needed

Congestion Mitigation and Air Quality (CMAQ) Funds - \$81,000

- \$81,000 – Corridor Signal Improvement Line Item (82804) – To be assigned to projects as needed

Highway Safety Improvement Program (HSIP) Funds - \$1,409,000

- \$1,409,000 – Safety Line-Item LVTS (82807) – To be assigned to projects as needed

Mr. Molchany asked do we expect that if there is funding leftover from the 2022 projects, could that be used to accelerate projects from the 2023 TIP? Mr. Rebert and Mr. Mosca replied that will be the case. Mr. Molchany then asked if projects from the Long-Range Transportation Plan would be added if that is the case. Mr. Rebert replied that these were projects the MPO agreed upon and that they would be the first to be explored. However, this hasn't been discussed yet. Mr. Molchany asked if they are waiting until the end of the year to have this discussion. Mr. Rebert replied maybe, but we want to make sure we account for CMAQ projects. Mr. Rebert noted the high cost of reopening the TIP if projects meet the requirement for Travel Demand Modeling and other federal requirements. Mr. McClure asked if there are projects already identified to receive the funding for the LVTS Highway & Bridge Line Item. Ms. Ruth replied that the region has a long list of projects adopted in FutureLV: The Regional Plan and that there are on-going project overruns that will receive the line-item funding. Mr. Emili asked if the 2023 TIP will be discussed amongst an LVTS group once new funds not already discussed are determined. Mr. Rebert replied yes. Mr. McClure asked if there were any further questions. There were none.

INFORMATION ITEM: Monthly Traffic Report

Mr. Hite provided the details of the January traffic count. Route 33 came in at 75,215 vehicles at the end of the month. Interstate 78 East of 309 in Lehigh County came in at 68,833 vehicles and Interstate 78 East of 33 in Northampton County end the month with 70,271 vehicles. Route 309 north of Coopersburg in Lehigh County came in at 35,899 vehicles. Truck traffic on Interstate 78 east of Route 33 in Northampton County had 24,746 at the end of the month and I-78 east of Route 309 in Lehigh County finished at 21,839 trucks.

The freight growth via truck traffic will continue to be monitored to understand that freight movements by truck are not only locally providing goods and services but also keeping America supplied especially as the societal reliance on e-commerce becomes the norm. Mr. McClure asked what does Mr. Hite account for the difference in the truck traffic? Mr. Hite replied that the differences occur at Route 412 corridor and the Route 33 connection from the south. Mr. McClure asked are there any further questions. There were none

New Business

PRESENTATION: Infrastructure Investment and Jobs Act (IIJA) Briefing by Erich Zimmermann, Deputy Director/Director of Transportation Programs, National Association of Regional Councils

Mr. Zimmerman presented Infrastructure Investment and Jobs Act Briefing and how it is different from previous laws, the competitive nature of many of the programs and how different funding buckets have changed. A key difference between the IIJA and previous laws is the prioritization of regional planning through Metropolitan Planning Organizations (MPO) like LVTS. Mr. Zimmerman's full analysis can be found at narc.org. Mr. McClure asked if there were any questions. There were none.

INFORMATION ITEM: American Association of Retired Persons (AARP) Community Challenge Grants

Ms. Bradley summarized how the AARP grant can fund smaller transportation projects like bike racks and crosswalks. LVTS has engaged with Lehigh Valley communities in discussing the benefits of exploring the use of the grant. Ms. Bradley encourages communities to submit data maps that show concentrations of the elderly population when applying for the grant. This information can be found at LVPC.org in the equity mapping tool under DataLV. If communities need a letter of support from the LVTS they can contact Mr. Carafides.

INFORMATION ITEM: Eastern PA Freight Alliance Request for Proposals for the Freight Infrastructure Plan

Ms. Bradley spoke about the alliance which is a coordination between a group of five MPOs that came together to form the Eastern Pennsylvania Freight Alliance - Lackawanna/Luzerne Metropolitan Planning Organization (LLTS), Lebanon County Metropolitan Planning Organization (LEBCO), Lehigh Valley Transportation Study (LVPC/LVTS), Northeast Pennsylvania Alliance (NEPA MPO), and Reading Area Transportation Study (RATS) - (a total of 398 municipalities). The group will look to develop a freight infrastructure plan which addresses the opportunities and challenges posed by this industry, especially as it relates to mobility, safety and infrastructure system maintenance and improvement. The Request for Proposals is now available and a link to the documents are on the LVPC website. Ms. Bradley asks for firms not to contact the LVPC/LVTS office because they cannot legally discuss the RFP. The RFP is going through the PennBID process. If firms are interested, they should visit <http://www.lvpc.org/legalnotices---employment.html> and submit their questions and proposal through the PennBid Portal.

Public Engagement and Participation:

INFORMATION ITEM: Media

Plan Lehigh Valley radio show on WDIY NPR 88.1FM

Mr. Assad summarized the most recent Plan Lehigh Valley 30-minute radio show which involved a discussion on the Draft Transportation Improvement Program, with special guest, Committee Vice Chair Rebert. The discussion was about what's in the TIP, including key projects such as new interchanges on Routes 309, 191, and 22 and the Cementon Bridge project, and how the four-year TIP is the benefit of about \$80 million from the Federal Infrastructure Investment and Job Act. Mr. Assad informed that the 30-minute show is currently streaming at WDIY.org. He stated that the next show was scheduled to air at 6:30 pm, March 7 and will be about annual BuildLV Development report and the busy development year that was 2021.

Lehighvalleylive.com / The Express-Times

Mr. Assad summarized two lehighvalleylive.com/The Express Times detailing transportation issues. The first is an article, starting on page 28 of your packet with some details about the current Draft 2023-2026 Draft TIP, and how it is benefitting from the Federal Infrastructure Law, and the second is a story that essentially talks about the number of bridges in the region that have a poor rating from PennDOT. The story focuses on those bridges, in light of the bridge collapse in Pittsburgh last month.

Business Cycle Column

Mr. Assad stated that the last Business Cycle column was published in the Sunday, February 13 Morning Call. That column detailed the measures that Lehigh Valley municipalities are taking to control development, including the 52 ordinance, official map and zoning code changes they collectively made in 2021 alone. It also makes the case that Comprehensive Planning is more important now than ever because of the development pressures being experienced by the region. Our next column is scheduled to publish March 22, 2022.

INFORMATION ITEM: Public Engagement - Local Technical Assistance Program Virtual Classes

Mr. Hite announced that the Local Technical Assistance Program is ramping up with full schedule of classes in the next month, starting with Winter Maintenance this Friday February 18 from 8 am to noon. February 22 is the popular Safe Driver class focused on municipal employee driving habits. And March 3rd will be the third in a series of stormwater one-hour classes this one focused on Incorporating Stormwater Improvements into PennDOT Projects. A wide range of class topics ranging from one to four hours in length and are all virtual. All are free and anyone can sign up at lvpc.org/lvap or contact Brian Hite.

Adjournment

Mr. McClure asked for any questions or comments. Hearing none, he asked for a motion to adjourn. Mr. Molchany made a motion to adjourn. The meeting was adjourned.

Submitted by:

Becky Bradley, AICP, Executive Director
Paul Carafides, Director of Transportation Planning and Data

LEHIGH VALLEY TRANSPORTATION STUDY

BRIDGE STATUS REPORT

MEETING MARCH 16, 2022

SR 33 Bridge Over Bushkill Creek Bridge Replacement Project (I. Nathaniel)

MPMS 96431 – est. let June 23, 2022

- Project let date moved up to use funds in federal fiscal year 2022
- Final design is ongoing
- Team Meeting with FHWA to discuss foundation report
- Waterway Permit Submitted for DEP review
- Designer to address Transportation Management plan review comments

SR 145 over Jordan Creek Bridge Replacement (C-C. Frey)

MPMS 110076 – est. let April 1, 2026

- Project on temporary hold while the District works with FHWA to resolve how Environmental Clearance can be achieved without advancing US 22 Widening through PE; SR 145 over Jordan Creek had been ruled as not having independent utility from US 22 Widening, because the proposed widening of SR 145 over Jordan Creek was tied to operational requirements for the proposed Diverging Diamond Interchange on SR 145 at US 22

SR 329 over Lehigh River-Cementon Bridge (C-M. McGuire)

MPMS 11413 – est. let June 23, 2022

- Right of Way negotiations are nearly complete; all of the claims are settled and paid except Norfolk Southern
- Utility companies are designing their relocated facilities some agreements with utilities are being drafted as relocations are worked out
- Final structure plans have been approved
- Stormwater management maintenance agreement was determined to be not needed
- Lighting agreement is with Lehigh County
- Railroad coordination with Norfolk Southern is ongoing
- Signing and Pavement Marking plans are nearly complete – Traffic Signal Maintenance Agreement for the Rapid Rectangular Flashing Beacon is with Lehigh County
- Waterway permits are under review by the DEP
- NPDES permit is under review by the LCCD
- Final Plan check is under review by the Department

SR 378 Hill to Hill Bridge Rehabilitation over Lehigh River (C-B. Teles)

MPMS 93630 – est. let February 27, 2025

- Continuing coordination meetings with stakeholders
- Continuing Preliminary Design activities for the selected Southern Widening Option (3B) including Safety Review and Environmental Site Assessments
- Determined that connection to D&L trail from bridge is not feasible, coordinated and gained consensus from City and stakeholders during City meeting
- Coordination with Norfolk Southern to continue once an alternative has been selected
- Initiated Levy discussions with ACOE
- Continued Environmental clearance activities including Section 4(f) and 6(f)

SR 611 (N. Delaware Drive) over Oughoughton Creek (C-M. Mignella)

MPMS 12084 – est. let September 15, 2022

- Final Right of Way plan recorded February 11, 2022; acquisition in progress
- URMS utility conflicts distributed; field meeting to be held in March
- Structure Foundation Report approved January 5, 2022
- GP-11 Permit application submitted for District review February 22, 2022
- Final structure plans in-progress, anticipated submission in April 2022

LEHIGH VALLEY TRANSPORTATION STUDY

BRIDGE STATUS REPORT

MEETING MARCH 16, 2022

SR 611 Culvert Replacement (C-E. Berg)

MPMS 110055 – in Construction

- All Emergency permits and approvals acquired to begin construction
- Currently under Construction via work order into contract 114350
- Anticipate roadway open to traffic by mid-March
- Final paving and revegetation will be completed in Spring 2022

SR 873 over Lehigh River – Gap Bridge Repairs (C-J. Crawford)

MPMS 107552 – est. let February 1, 2024

- Coordination ongoing with Norfolk Southern for access onto their property
- Design Field View approved December 3, 2021
- 30% Constructability Review completed January 5, 2022
- Notice to proceed for Final Design issued February 1, 2022
- Utility coordination ongoing

Race Street (SR 1004) over Lehigh River (C-M. Mignella)

MPMS 108134 – est. let July 28, 2022

- Design Field View submitted is approved
- Final Right-of-Way plan approved January 2, 2022
- Supplemental structure survey complete December 2021
- 30% Constructability Review completed January 18, 2022
- Continuing coordination with SR 1004-03S project
- Utility meeting held February 22, 2022
- 60% Structure Plan review meeting held February 17, 2022
- Meeting scheduled with Whitehall Township, Catasauqua Borough, Lehigh County on March 3, 2022 to advance lighting/sidewalk maintenance agreements
- E39-9999 Permit Application submitted to DEP February 25, 2022

Lower South Main St (SR 1015) over Martins Creek (C-M. Mignella)

MPMS 85930 – est. let July 14, 2022

- Right-of-Way acquisition in progress; 1 parcel settled, Norfolk Southern RR coordination ongoing
- Utility coordination in-progress; coordinating Met-Ed relocation
- GP-11 permit and Final Structure Plan in-development, to be submitted March 2022
- Final Plan Check (includes traffic control plan and sign and pavement markings) and 90% Constructability to be submitted April 2022

Fifth Street (SR 1029) Bridge Replacement (C-C. Frey)

MPMS 94873 – est. let April 25, 2024

- Design team awaiting review/approval of the revised Line, Grade & Typical Section submission for US 22 Widening prior to finalizing Line, Grade & Typical Section submission for Fifth Street Bridge to make sure Fifth Street Bridge can accommodate the ultimate footprint of US 22 and Fullerton interchange ramps

Raubsville Road (SR 2006) over Freys Run (M. Patel)

MPMS 109914– est. let January 25, 2024

- Preliminary Drainage Design and Design Field View are nearly complete
- H&H report submission and associated HEC-RAS file revisions in progress
- Project plans posted for public review comments from January 24, 2022 to February 23, 2022
- Preliminary Engineering nearly complete, working on final design agreement

LEHIGH VALLEY TRANSPORTATION STUDY

BRIDGE STATUS REPORT

MEETING MARCH 16, 2022

Mill Road (SR 2024) over Tributary to Saucon Creek (C-J. Crawford) **MPMS 81664 – est. March 31, 2022**

- Final Structure Plans approved
- Utility clearance received on February 22, 2022
- Project advertised for bid on February 24, 2022
- Construction during Winter 2022-2023 for Bog Turtle avoidance

Powder Valley Road (SR 2025) over Indian Creek (C-J. Crawford) **MPMS 109237 – est. let March 30, 2023**

- 2D H&H modeling and consideration of alternatives to reduce water surface elevations underway
- TS&L will be resubmitted once hydraulic modeling is approved

Hecktown Road (SR 2027) Bridge over Route 22 (C-M. McGuire) **MPMS 89614 – est. let December 12, 2024**

- Environmental studies are underway
- Designing line and grade

Farmersville Road (SR 2029) Bridge over Route 22 (C-M. McGuire) **MPMS 71707 – est. let December 12, 2024**

- Line and grade has been approved by the Department
- TS&L submission has been reviewed by the Department
- Archaeology test pits completed
- Designing preliminary structure plans

Country Club (SR 2031) Bridge over Route 22 (C-M. McGuire) **MPMS 89616- est. let June 23, 2022**

- Line and grade has been approved
- Safety is under review by the Department
- TS&L has been approved
- Lead based paint inspection is complete
- E&S plans are under review by the Department
- Project has been converted to design-build

Indian Trail Road (SR 3016) over Hokendauqua Creek (C-M. Mignella) **MPMS 12310 – est. let May 12, 2022**

- Final signing and pavement marking plans complete
- Right-of-Way acquisition in progress; 3 Parcels settled, remaining 2 to settle upon approval of ROW plan revisions, submitted for signature February 23, 2022
- Utility coordination in-progress; PPL relocation plan complete, awaiting Verizon final relocation
- GP-11 Permit submitted for District review February 7, 2022
- Final Structure Plans submitted February 7, 2022
- Final Traffic submission February 23, 2022
- Final Plan Check completed February 21, 2022
- 90% Constructability Review submitted February 21, 2022

LEHIGH VALLEY TRANSPORTATION STUDY

BRIDGE STATUS REPORT

MEETING MARCH 16, 2022

Howertown Road (SR 3017) Bridge (I. Nathaniel)

MPMS 105371 – est. let December 8, 2022

- Final design is ongoing
- ROW acquisition ongoing
- Revised TCP under review
- Utility coordination ongoing
- Final structure plans submitted for signature

Old Carriage Road (SR 3018) Bridge Replacement over Catasauqua Creek (C-J. Crawford)

MPMS 110058- est. let February 16, 2023

- Final ROW plans submitted February 16, 2022 to begin ROW acquisition for project
- Final design including DEP permit, final bridge plans, final foundation design ongoing

Newburg Road (SR 3020) over Trib Monocacy Creek (C-E. Berg)

MPMS 85940 – est. let April 13, 2023

- Core Borings Completed, foundation report progressing
- Utility coordination ongoing
- Waterway permit pre-application meeting was completed in October 2021
- H&H approved February 18, 2021
- Final ROW plans in progress
- Final roadway, traffic control, signing and pavement marking, and structure plans in-progress

Kernsville Road (SR 4003) Bridge over Jordan Creek (C-J. Crawford)

MPMS 89627- est. let April 13, 2023

- Final ROW plans submitted December 23, 2021, to begin ROW acquisition for project
- Final design including DEP permit, final bridge plans ongoing

Meadows Road (SR 7210) Bridge (C-M. McGuire)

MPMS 12286 – est. let January 11, 2024

- Structure borings were completed in January/February 2022
- Designer is working on preliminary right of way plans, utility correspondence, and design field view plans
- Designer is working on environmental studies

Meadows Road (SR 7210) Bridge Removal (C-M. McGuire)

MPMS 116171 – actual let December 16, 2021

- Contract awarded to Grace Industries, Inc.
- NTP anticipated to be issued on March 14, 2022
- Anticipated completion date is July 29, 2022

South Walnut Street (SR 7408) Bridge over Trout Creek (C-J. Besz)

MPMS 94680 – est. let December 7, 2023

- The draft LOA for Section 106 mitigation alternatives was approved and is being circulated for signatures among multiple agencies
- The Individual Section 4(f) document is under review by CO
- Preparation of the CE is ongoing
- The TS&L was revised and resubmitted
- Preliminary Maintenance and Protection of Traffic plans are in progress
- Development of the Safety Review Submission is ongoing
- H&H Report has been submitted for Department review

**LEHIGH VALLEY TRANSPORTATION STUDY
BRIDGE STATUS REPORT
MEETING MARCH 16, 2022**

ACRONYM REFERENCE

ACM/LBP	ASBESTOS CONTAINING MATERIAL / LEAD BASED PAINT
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
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

LVTS Metropolitan Planning Organization

FISCAL CONSTRAINT TABLE

FFY 2021-2024 TIP Highway and Bridge Element

Technical Committee

TIP Modifications from February 5, 2022 through March 4, 2022

MPO Tech Meeting: March 16, 2022

MPO Coord Meeting: April 20, 2022

Statewide Administrative Action #1				Fund Type		FFY 2021			FFY 2022			FFY 2023			FFY 2024			FFYs 2025-2028 and Beyond			Total	Remarks
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 (\$)		
Broad Street Nazareth RRX	98094	CON	Before	RRX					32,423			350,000			350,000						732,423.00	Cash flow to align with anticipated need.
191 - 04X			Adjust	RRX					270,200						(270,200)						0.00	
Northampton County			After	RRX					302,623			350,000			79,800						732,423.00	
Ruppsville Road	102868	CON	Before	RRX					270,200						0						270,200.00	Cash flow to align with anticipated need.
			Adjust	RRX					(270,200)						270,200						0.00	
Lehigh County			After	RRX					0						270,200						270,200.00	
Statewide Administrative Action #2				Fund Type		FFY 2021			FFY 2022			FFY 2023			FFY 2024			FFYs 2025-2028 and Beyond			Total	Remarks
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 (\$)		
I-78 PM 2 - Lehigh	87646	CON	Before	NHPP					5,300,000			4,621,000			5,000,000						14,921,000.00	Increase to meet low bid.
78 - 16M			Adjust	NHPP					183,000												183,000.00	
Lehigh County			After	NHPP					5,483,000			4,621,000			5,000,000						15,104,000.00	
Interstate Contingency	75891	CON	Before	NHPP					1,320,409			800,000			19,556,031						21,676,440.00	Source.
Line Item			Adjust	NHPP					(183,000)												(183,000.00)	
Central Office			After	NHPP					1,137,409			800,000			19,556,031						21,493,440.00	
Administrative Action #1				Fund Type		FFY 2021			FFY 2022			FFY 2023			FFY 2024			FFYs 2025-2028 and Beyond			Total	Remarks
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 (\$)		
Beth-Bath Pike over Monocacy Creek	85946	PE	Before		185		774,215				38,710										812,925.00	Increase for Railroad agreement.
512 - 04B			Adjust		185						53,975										53,975.00	
Northampton County			After		185		774,215				92,685										866,900.00	
LVTS BR Preserve&Repair 6	109966	CON	Before		185		4,517,593				482,407										5,000,000.00	Release due to low bid savings.
22 - BRM			Adjust		185						(53,975)										(53,975.00)	
Northampton County			After		185		4,517,593				428,432										4,946,025.00	
Before FFY Totals						0	5,291,808	0	6,923,032	521,117	0	5,771,000	0	0	24,906,031	0	0				43,412,988	Actions do not affect the project delivery schedules or air quality conformity.
FFY Adjustment Totals						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
After FFY Totals						0	5,291,808	0	6,923,032	521,117	0	5,771,000	0	0	24,906,031	0	0				43,412,988	

NOTES:

LVTS Metropolitan Planning Organization

FISCAL CONSTRAINT TABLE

FFY 2021-2024 TIP Highway and Bridge Element

Technical Committee

TIP Modifications from February 5, 2022 through March 4, 2022

MPO Tech Meeting: March 16, 2022

MPO Coord Meeting: April 20, 2022

Administrative Action				Fund Type			FFY 2021			FFY 2022			FFY 2023			FFY 2024			FFYs 2025-2028 and Beyond			Total	Remarks
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 (\$)			
Raubsville Road over Frey's Run 2006 - 01B Northampton County	109914	FD	Before	BOF	185		180,080	45,020		0	0										225,100.00	Increase to match current estimate with additional IJA funds (BOF).	
			Adjust	BOF	185				219,920	54,980											274,900.00		
			After	BOF	185	180,080	45,020		219,920	54,980											500,000.00		
LVTS Highway & Bridge	102201	CON	Before	BOF	185				183,296	4,203,119		355,404	2,920,863		106,704	1,448,166		16,483,208	42,149,942		67,850,702.00	185 source and balancing source to maintain fiscal constraint. Remaining IJA funds (BOF) added to the line item.	
			Before	NHPP	581				2,661,715	2,217,818		688,710	128,228		4,041,120	862,419		4,351,713	34,070,352		49,022,075.00		
			Before	STP					985,892			484,619			99,196			23,646,188			25,215,895.00		
Adjust			BOF	185				886,080	(54,980)											831,100.00			
After			BOF	185				1,069,376	4,148,139		355,404	2,920,863		106,704	1,448,166		16,483,208	42,149,942		68,681,802.00			
After			NHPP	581				2,661,715	2,217,818		688,710	128,228		4,041,120	862,419		4,351,713	34,070,352		49,022,075.00			
Lehigh County		After	STP							985,892			484,619			99,196			23,646,188		25,215,895.00		
Administrative Action				Fund Type			FFY 2021			FFY 2022			FFY 2023			FFY 2024			FFYs 2025-2028 and Beyond			Total	Remarks
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 (\$)			
PA 33 Bushkill Creek Bridges 33 - 05B Northampton County	96431	CON	Before	BRIP						900,000												900,000.00	Advance to align with anticipated need using additional IJA funds (STP). Planned to be let in CY 22.
			Before	NHPP	185				330,000	307,500		8,000,000	2,000,000		6,504,880	1,626,220					18,768,600.00		
			Before	STP					0												0.00		
			Adjust	NHPP	185					42,000					(168,000)	(42,000)					(168,000.00)		
			Adjust	STP					168,000												168,000.00		
			After	BRIP					900,000												900,000.00		
LVTS Highway & Bridge	102201	CON	After	NHPP	185				330,000	349,500		8,000,000	2,000,000		6,336,880	1,584,220					18,600,600.00	185 source and balancing source to maintain fiscal constraint.	
			After	STP					168,000											168,000.00			
			Before	BOF	185				1,069,376	4,148,139		355,404	2,920,863		106,704	1,448,166		16,483,208	42,149,942		68,681,802.00		
			Before	NHPP	581				2,661,715	2,217,818		688,710	128,228		4,041,120	862,419		4,351,713	34,070,352		49,022,075.00		
			Before	STP					985,892			484,619			99,196			23,646,188			25,215,895.00		
			Adjust	BOF	185					(42,000)						42,000					0.00		
Lehigh County			Adjust	NHPP	581									168,000						168,000.00			
			After	BOF	185				1,069,376	4,106,139		355,404	2,920,863		106,704	1,490,166		16,483,208	42,149,942		68,681,802.00		
			After	NHPP	581				2,661,715	2,217,818		688,710	128,228		4,209,120	862,419		4,351,713	34,070,352		49,190,075.00		
			After	STP					985,892			484,619			99,196			23,646,188			25,215,895.00		
Administrative Action				Fund Type			FFY 2021			FFY 2022			FFY 2023			FFY 2024			FFYs 2025-2028 and Beyond			Total	Remarks
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 (\$)			
Gordon Street Bridge 7301 - 01B Lehigh County	72773	CON	Before	STU	183	16,000	3,000	1,000	0	0	0											20,000.00	Increase to cover additional inspection services; borrow excavation; and additional Class R-4, R-6, and R-7 Rock. Includes additional IJA funds (STU).
			Adjust	STU	183				204,160	38,280	12,760											255,200.00	
			After	STU	183	16,000	3,000	1,000	204,160	38,280	12,760											275,200.00	
PA 33 Resurface - Chrin to US 22 33 - 09M Northampton County	114351	CON	Before	NHPP		2,411,301																2,411,301.00	Increase for overruns on materials for SR 248 and Hecktown Road ramp work. Includes additional IJA funds (STU).
			Before	STU		7,590,168			1,146,800													8,736,968.00	
			Adjust	STU					505,000													505,000.00	
			After	NHPP		2,411,301																2,411,301.00	
Linden Street 3015 - 01M Northampton County	11981	FD	After	STU		7,590,168			1,651,800													9,241,968.00	Increase to match current estimate. Includes additional IJA funds (STU).
			Before	STU	581				300,000	75,000		127,600	31,900									534,500.00	
			Adjust	STU	581				132,400	33,100												165,500.00	
611 Retaining Wall Rehab - Easton 611 - RWR Northampton County	110179	PE	After	STU	581				432,400	108,100		127,600	31,900									700,000.00	Increase for supplements for preparing alternatives analysis and complete design of selected alternative. Includes additional IJA funds (STU).
			Before	STU		129,692		32,423	8,664		2,166											172,945.00	
			Adjust	STU					393,440		98,360											491,800.00	
LVTS Highway & Bridge Line Item Reserve Lehigh County	102201	CON	After	STU		129,692		32,423	402,104		100,526											664,745.00	185 and 581 source.
			Before	BOF	185				1,069,376	4,106,139		355,404	2,920,863		106,704	1,490,166		16,483,208	42,149,942		68,681,802.00		
			Before	NHPP	581				2,661,715	2,217,818		688,710	128,228		4,209,120	862,419		4,351,713	34,070,352		49,190,075.00		
			Before	STP					985,892			484,619			99,196			23,646,188			25,215,895.00		
			Adjust	BOF	185					(38,280)												(38,280.00)	
			Adjust	NHPP	581					(33,100)												(33,100.00)	
			After	BOF	185				1,069,376	4,067,859		355,404	2,920,863		106,704	1,490,166		16,483,208	42,149,942		68,643,522.00		
			After	NHPP	581				2,661,715	2,184,718		688,710	128,228		4,209,120	862,419		4,351,713	34,070,352		49,156,975.00		
			After	STP					985,892			484,619			99,196			23,646,188			25,215,895.00		

LVTS Metropolitan Planning Organization

FISCAL CONSTRAINT TABLE

FFY 2021-2024 TIP Highway and Bridge Element

Technical Committee

TIP Modifications from February 5, 2022 through March 4, 2022

MPO Tech Meeting: March 16, 2022

MPO Coord Meeting: April 20, 2022

Administrative Action				Fund Type		FFY 2021			FFY 2022			FFY 2023			FFY 2024			FFYs 2025-2028 and Beyond			Total	Remarks
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 (\$)		
Allentown MLK Jr. Drive	116849	CON	Before	TAU					118,831			62,640									181,471.00	Advance to align with anticipated need. Planned to be let in CY 22. Includes additional IJIA funds (TAU).
- MLK			Adjust	TAU					62,640			(62,640)									0.00	
Lehigh County			After	TAU					181,471			0										
Two Rivers Trail Gap 9A	107761	CON	Before	TAU					318,936			335,100									654,036.00	Advance to align with anticipated need. Planned to be let in CY 22. Includes additional IJIA funds (TAU).
- TRT			Adjust	TAU					335,100			(335,100)									0.00	
Northampton County			After	TAU					654,036			0										
TAP Line Item	82806	CON	Before	TAU					0			263,260			661,000						924,260.00	Add balance of IJIA funds (TAU).
			Adjust	TAU					247,260			397,740									645,000.00	
Lehigh County			After	TAU					247,260			661,000			661,000							
Before FFY Totals						10,327,241	48,020	33,423	16,388,100	19,493,351	2,166	13,374,799	11,179,173	0	20,074,940	8,599,975	0	133,443,327	228,660,882		461,625,397	Actions do not affect the project delivery schedules or air quality conformity.
FFY Adjustment Totals						0	0	0	3,154,000	0	111,120	0	0	0	0	0	0	0	0	0	3,265,120	
After FFY Totals						10,327,241	48,020	33,423	19,542,100	19,493,351	113,286	13,374,799	11,179,173	0	20,074,940	8,599,975	0	133,443,327	228,660,882		464,890,517	

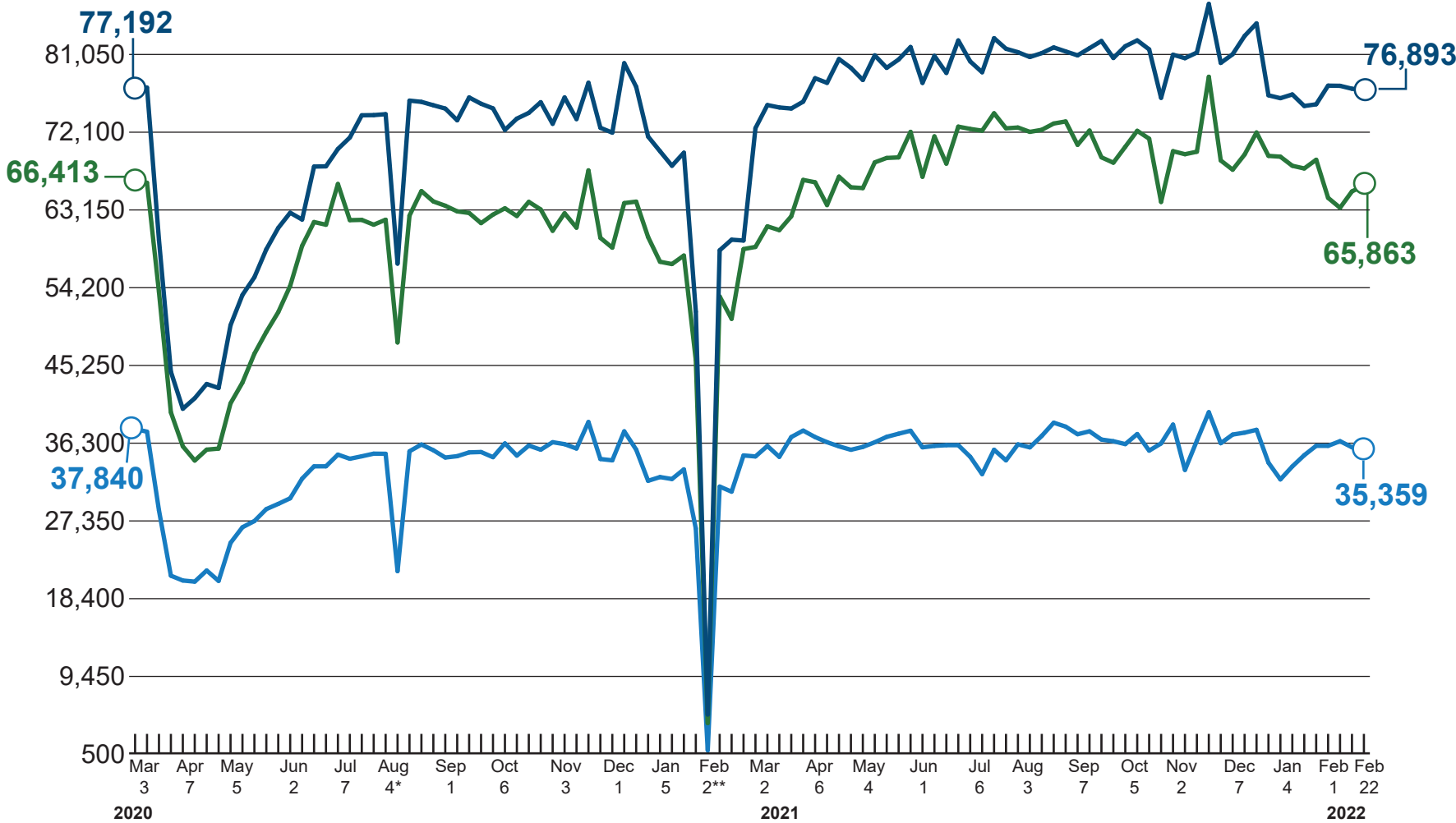
NOTES: Non-zero adjustment totals due to local match.

TOTAL VEHICLE TRAFFIC

State Route 33 between Newburg Road and State Route 248 (Northampton County)

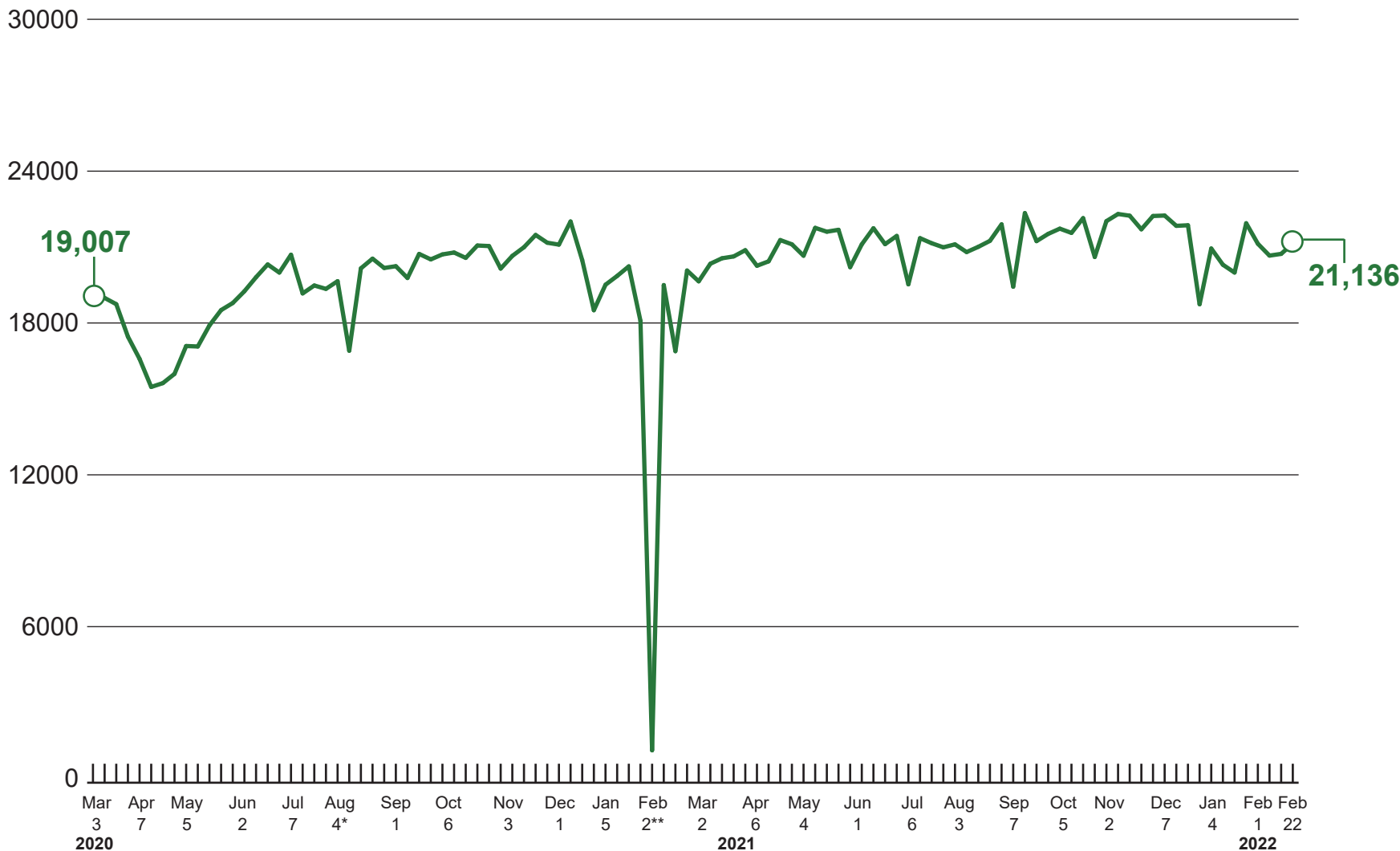
Interstate-78 just east of the State Route 309 exit (Lehigh County)

State Route 309 just south of State Route 378 (Lehigh County)



TOTAL TRUCK TRAFFIC

Interstate-78 just east of the State Route 309 exit (Lehigh County)



* Aug 4 - impacted by Hurricane Isaias
** Feb 2 - impacted by Winter Storm Orlena
*** June '21 - partial data due to PennDOT Maintenance