

Williamsport Area Transportation Study Metropolitan Planning Organization

ANNUAL REPORT, STATE FISCAL
YEAR 2021-2022

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Introduction – About WATS

A Metropolitan Planning Organization (MPO) is a planning body composed of elected and appointed officials representing local, state and federal governments or other agencies having an interest or responsibility in the local transportation system. The MPO is responsible for creating a Long-Range Transportation Plan (LRTP), a Transportation Improvement Program (TIP), and a Unified Planning Work Program (UPWP). An MPO can be a regional, multicounty organization or a single county. The Williamsport Area Transportation Study (WATS) is the single county MPO covering Lycoming County. The role of the WATS MPO is to develop transportation policies, programs and projects, which move people and goods in a safe, efficient manner, promote economic development, protect the environment, and preserve Lycoming County's outstanding quality of life amenities.

Committee Structure

The WATS Coordinating Committee is the policy-making body of the MPO. The Coordinating Committee consists of 11 voting representatives as follows:

- PennDOT District 3-0 Executive, Chair
- PennDOT Deputy Secretary for Planning
- Lycoming County Commissioner
- Lycoming County Commissioner
- Mayor of Williamsport
- Williamsport City Council Member
- River Valley Transit General Manager
- SEDA-COG Joint Rail Authority Executive Director
- Williamsport Regional Airport Executive Director
- Lycoming County Association of Township Officials Representative
- Lycoming County Borough Representative

Non-voting members consist of:

- Federal Highway Administration
- Federal Transit Administration
- US Department of Housing and Urban Development
- PA Department of Community and Economic Development

The WATS Technical Committee reviews all relevant transportation issues, programs and projects in Lycoming County and formulates recommendations to the Coordinating Committee.

The Technical Committee consists of seven voting members as follows:

- PennDOT Program Center Representative, Chair
- PennDOT Engineering District 3-0 Representative
- Lycoming County Planning and Community Development Director
- Lycoming County Planning Commission Member
- River Valley Transit General Manager
- City of Williamsport Engineer
- Williamsport Regional Airport Director

Non-voting members consist of:

- Federal Highway Administration
- Federal Transit Administration
- PA Department of Community and Economic Development
- Fullington Trailways

Additionally, WATS has advisory committees for transit planning and bicycle/pedestrian planning.

Committee Meeting Dates and Times

WATS MPO committees met 8 times between July 1, 2021 and June 30, 2022. Due to the challenges posed by the COVID-19 pandemic, all meetings starting with the October 25, 2021 WATS Technical Committee meeting were held as virtual meetings. The May 23, 2022 Technical Committee meeting and June 13, 2022 Coordinating Committee meeting was held both in person and virtual. The July 12 Technical Committee and July 26, 2021 Coordinating Committee meetings were cancelled due to no actionable items being on the agenda.

Committee	Date	Time	Action Items
Technical Committee	Monday, October 25, 2021	10:00 AM	<ul style="list-style-type: none"> • Technical Committee Meeting Dates • 2022-2024 WATS Unified Planning Work Program (UPWP) • WATS Public Participation Plan (PPP) Update, • WATS 2021 Annual Report • CSVT Impact Special Study
Coordinating Committee	Monday, November 8, 2021	1:00 PM	<ul style="list-style-type: none"> • 2022 Coordinating Committee Meeting Dates • 2022-2024 WATS Unified Planning Work Program (UPWP) • WATS Public Participation Plan (PPP) Update • WATS 2021 Annual Report • CSVT Impact Special Study
Transit Advisory Committee	Thursday, November 18, 2021	2:00 PM	<ul style="list-style-type: none"> • Introductions/ Meeting Purpose • 2022 Transit Advisory Meeting Dates • River Valley Transit Service Update and other Informational Items • PennDOT Act 44 Report • Step Service Updates and other Informational Items
Technical Committee	Monday, February 28, 2022	2:00 PM	<ul style="list-style-type: none"> • TIP Amendment (re-affirm e-ballot) • TIP Amendment STP and BOF Funding Increases • 2022 Technical Committee Meeting Dates (Re-affirm E-ballot) • WATS Draft 2023-2026 Transportation Improvement Program (TIP)
Coordinating Committee	Monday, March 14, 2022	10:00 AM	<ul style="list-style-type: none"> • TIP Amendment (Reaffirm E-ballot) • STP and BOF Funding Increases Administrative Action • TIP Amendment 2022 IIJA-BIL Additional Funding • 2022 Meeting Dates (Re-affirmed) • WATS Draft 2023-2026 Transportation Improvement Program (TIP)

Committee	Date	Time	Action Items
Transit Advisory Committee	Thursday, May 12, 2022	2:00 PM	<ul style="list-style-type: none"> River Valley Transit Service Update and other Informational Items Step Service Updates and other Informational Items
Technical Committee	Monday, May 23, 2022	10:00 AM	<ul style="list-style-type: none"> 2022-2024 UPWP CSV T Implementation Amendment (Reaffirm e-ballot) WATS Draft 2023-2026 Transportation Improvement Program (TIP) WATS MPO recommendation letter designating River Valley Transit Authority (RVTA)
Coordinating Committee	Monday, June 13, 2022	1:00 PM	<ul style="list-style-type: none"> 2022-2024 UPWP CSV T Implementation Amendment (Reaffirm E-Ballot) WATS MPO Recommendation Letter Designating River Valley Transit Authority (RVTA) (Re-affirm E-ballot) WATS 2023-2026 Transportation Improvement Program (TIP)

WATS Committee Membership Meeting Participation

WATS Coordinating Committee Meeting Participation July 1, 2021-June 30, 2022

Meeting Date		7/26/2021	11/8/2021	3/14/2022	6/13/2022
Attendance					
Voting Membership	PennDOT District 3 Executive [Chair]	Cancelled	Present	Present	Present
	PennDOT Deputy Secretary for Planning	Cancelled	Present	Present	Present
	Lycoming County Commissioner	Cancelled	Present	Present	Present
	Lycoming County Commissioner	Cancelled	Present	Present	Present
	City of Williamsport, Mayor	Cancelled	Absent	Absent	Present
	City of Williamsport, Council	Cancelled	Present	Present	Absent
	River Valley Transit	Cancelled	Present	Present	Present
	SEDA-COG Joint Rail Authority	Cancelled	Present	Present	Present
	Williamsport Regional Airport	Cancelled	Present	Present	Present
	Lycoming-Sullivan Boroughs Association	Cancelled	Absent	Absent	Absent
	Lycoming County Association of Township Officials	Cancelled	Present	Present	Absent
Non-voting Membership	Federal Highways Administration (USDOT FHWA)	Cancelled	Present	Present	Present
	Federal Transit Administration (USDOT FTA)	Cancelled	Absent	Absent	Absent
Number of Other Attendees		0	10	10	9

WATS Technical Committee Meeting Participation, July 1, 2021-June 30, 2022

Meeting Date		7/12/2021	10/25/2021	2/28/2022	5/23/2022
Attendance					
Voting Membership	PennDOT Program Center [Chair]	Cancelled	Present	Present	Present
	PennDOT Engineering District 3-0	Cancelled	Present	Present	Present
	Lycoming County Planning and Community Development, Director	Cancelled	Present	Present	Present
	Lycoming County Planning Commission	Cancelled	Absent	Present	Present
	River Valley Transit	Cancelled	Present	Present	Present
	City of Williamsport, Engineer	Cancelled	Absent	Present	Present
	Williamsport Regional Airport	Cancelled	Absent	Present	Present
Non-voting Membership	Federal Highways Administration (USDOT FHWA)	Cancelled	Present	Present	Present
	Federal Transit Administration (USDOT FTA)	Cancelled	Present	Absent	Absent
	PA Department of Community and Economic Development (DCED)	Cancelled	Absent	Absent	Absent
	Fullington Trailways	Cancelled	Absent	Absent	Absent
Number of Other Attendees		0	6	8	8

Staffing

Administrative duties of the WATS MPO are conducted by staff of the Lycoming County Planning and Community Development Department. The primary staff contact for the Department on WATS MPO administrative matters shall be the Lycoming County Transportation Supervisor who will act as WATS Secretary. The Lycoming County Planning and Community Development Department shall be responsible for the following primary WATS MPO administrative duties:

1. Develop and conduct all transportation planning work tasks contained in the WATS MPO approved Unified Planning Work Program (UPWP) contract that is executed between the County of Lycoming and PennDOT. The County of Lycoming may subcontract with the City of Williamsport to perform the Federal Transit Administration (FTA) funded UPWP transit planning work tasks undertaken by River Valley Transit.
2. Schedule, publicly advertise, and convene all WATS MPO public meetings, as needed, in accordance with the PA Open Records Law and WATS MPO approved Public Participation Plan. All official business of the WATS MPO will take place at publicly advertised meetings to ensure opportunity for public comment. Prepare and distribute meeting agendas and related materials for review by WATS MPO members no later than 5 calendar days prior to the public meeting. Prepare meeting minutes for distribution to WATS MPO members for review no later than 15 calendar days following the public meeting. WATS MPO will generally convene public meetings on a quarterly basis (once every three months) at the Lycoming County Commissioners Board Room, Lycoming County Executive Plaza, 330 Pine Street, Williamsport, PA 17701. Exceptions as to meeting dates, times and locations may be considered in order to provide timely response to actions related to WATS MPO duties and responsibilities. In the event that an in-person meeting is not feasible (public health emergency, etc.) the WATS MPO will provide detailed information on a virtual meeting option to include: date, time, dial-in number, conference code, and link to the virtual meeting software (Microsoft Teams, Skype,

- etc.) for the public meeting, and meeting links will be advertised and posted on the [WATS MPO Committees website](#)
3. Ensure that all WATS MPO adopted plans, programs, and policies are implemented.

Lycoming County Department of Planning and Community Development Contacts:

- Shannon Rossman, AICP, Director
 - Telephone: (570) 320-2132
 - Email: srossman@lyco.org
- John Lavelle, AICP, Deputy Director
 - Telephone: (570) 320-2139
 - Email: jlavelle@lyco.org
- Scott R. Williams, Transportation Supervisor & WATS MPO Secretary
 - Telephone: (570) 320-2138
 - Email: swilliams@lyco.org
- Austin Daily, Transportation Planner
 - Telephone: (570) 320-2141
 - Email: adaily@lyco.org
- Mark Murawski, Assistant Transportation Planner
 - Telephone: (570) 320-8117
 - Email: mmurawski@lyco.org
- Salvatore Vitko, Transportation Planner
 - Telephone: (570) 320-2140
 - Email: svitko@lyco.org
- Michele Hazel, Administration Support
 - Telephone: (570) 320-2134
 - Email: mhazel@lyco.org
- WATS information is accessible on the Lycoming County website: <http://www.lyco.org/wats-mpo>
- The mailing address for the Lycoming County Department of Planning & Community Development: **48 West 3rd St. Williamsport, PA 17701**

Public Participation and Outreach

Public Participation Plan

The WATS MPO Public Participation Plan, adopted by Williamsport MPO on December 19, 2013 and amended on January 27, 2020, is designed to establish a process that provides timely information to the public, timely public notice of meetings, advisory committee appointments, and workshops, public access to key decisions, and early and continuing involvement of the public in developing transportation plans and transportation improvement programs. Engaging communities within Lycoming County is critical for all MPO efforts. WATS MPO has taken initiatives to improve and provide more opportunities for public participation and feedback, rather than only holding public meetings for projects. The following describes the WATS MPO's goals, public outreach, and engagement for the 2020-2021 Fiscal Year.

Goal

The purpose of this section is to describe the public participation process for the WATS MPO. The Public Participation Plan consists of methods that facilitate and encourage citizen participation in the WATS MPO transportation planning process. Public involvement is a right of all residents of Lycoming County. Public participation is essential to good planning. Without meaningful public participation, there is a risk of making poor decisions, or decisions that have unintended negative consequences. The fundamental objective of public participation programs is to make certain that everyone with an interest in transportation decisions has an opportunity to provide input in the development of policies, programs and projects that are proposed in Lycoming County.

Who is “the Public”?

The public is comprised of all the diverse communities living in and around the WATS MPO area. The public includes those individuals who choose to participate, those individuals who choose not to participate, people who are interested and want their views to be heard but for multiple reasons cannot participate, and individuals who are not comfortable with either of those roles but are still affected by transportation decisions.

Public Meetings:

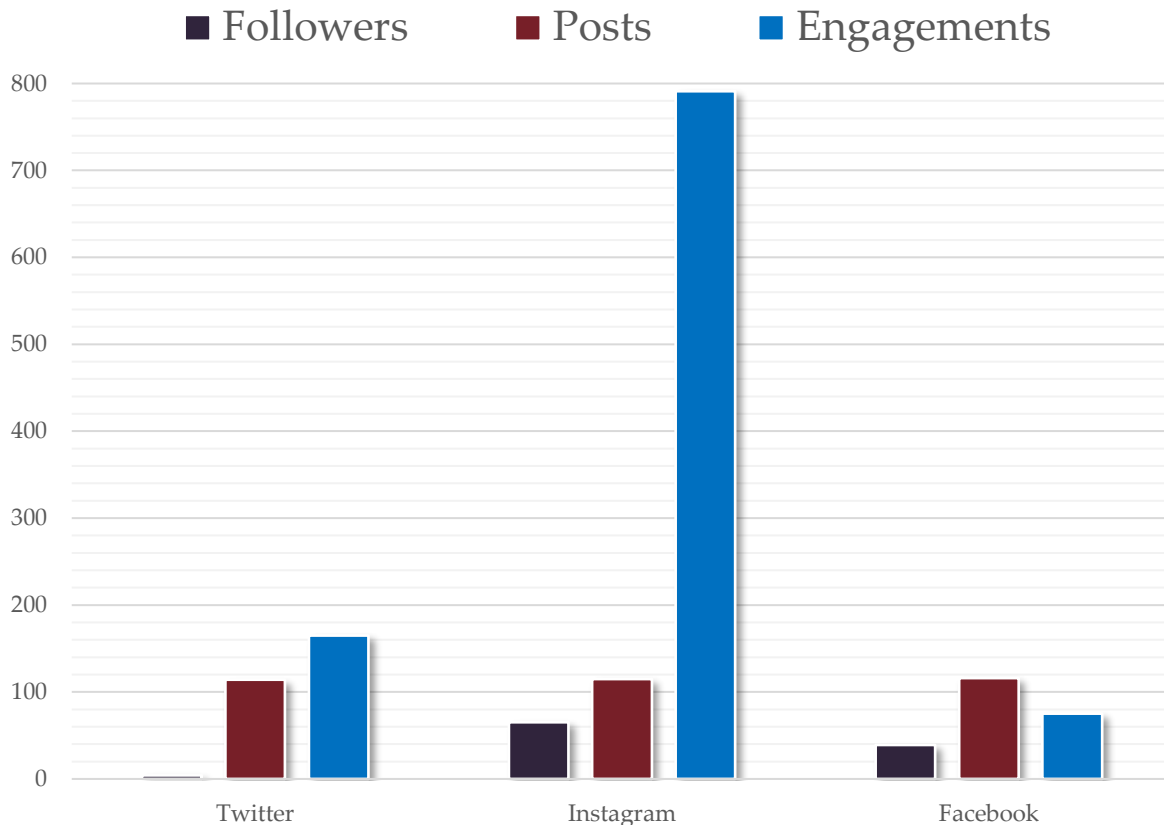
As previously discussed, WATS committees held eight (8) public meetings in FY 2021-2022. They were held virtually via Skype and Microsoft Teams until the June 13, 2022 meeting which was held both in person and via Microsoft Teams. The MPO advertised the dial-in information, meeting date and time, and meeting agendas and materials in the Williamsport Sun-Gazette, the [WATS MPO website](#), and multiple posts on the MPO social media sites.

Social Media:

As part of updating the WATS MPO Public Participation Plan and improving public outreach and participation efforts, WATS MPO has created several social media platforms including Facebook, Twitter, Instagram, YouTube, and LinkedIn. The implementation of active social media accounts is crucial for improving and expanding the ability to communicate and receive feedback from the public, as well as for the public to participate in all transportation related activities.

<u>Platform</u>	<u>Link</u>
<u>Facebook</u>	https://www.facebook.com/WATS-MPO-100877818070672/
<u>Twitter</u>	https://twitter.com/watsmpo
<u>Instagram</u>	https://www.instagram.com/wats_mpo/
<u>LinkedIn</u>	https://www.linkedin.com/company/wats-mpo/
<u>Website</u>	http://www.lyco.org/wats-mpo

WATS Social Media Reach



Work Program

The Unified Planning Work Program (UPWP) describes the transportation-related work activities that the Lycoming County Department of Planning and Community Development (PCD) and River Valley Transit (RVT) (with the aid of planning consultants, as necessary) perform within Lycoming County.

Summary of Work Tasks

Following are descriptions of the work tasks that WATS developed as part of the FY 2020-2022 Unified Planning Work program. FY 2021-2022 represented the completion of this 2-year work program.

Coordination and Economic Development

1-A. Transportation Partnerships for Economic Stimulus (PCD)

Continue to foster transportation partnership arrangements, including public and private sectors, to accelerate funding of transportation projects that command high local priority for economic development purposes.

1-B. Transit Privatization (Private Enterprising Planning) (RVT)

Coordinate activities between the public and private transportation providers to reduce overall operating expenses, meet RVT's established maintenance goal for private sector utilization, and promote public/private partnerships with developers.

1-C. Coordination (PCD)

Coordinate regional transportation issues and needs with SEDA-COG MPO, Northern Tier RPO, Williamsport-Lycoming Chamber of Commerce, local municipalities, and other key partners and stakeholders in the transportation planning process.

1-D. Marketing and Economic Development (RVT)

- Develop a marketing plan for the fixed route system, the ADA complementary paratransit service and the Williamsport Historic Trolleys to encourage additional ridership, improve the public awareness of the mass transportation, and enhance travel and tourism in Lycoming County.
- Promote the Peter Herdic Transportation Museum to preserve and promote the social and technological history of surface transportation in Lycoming County.
- Expand the use of social media outlets in all marketing activities as an avenue for outreach and public participation.

1-E. Financial Capacity Planning (RVT)

Utilize RVT's accounting/financial management system and non-financial (operating) management information system to monitor RVT's financial capacity and develop an ongoing financial plan.

1-F. Project Needs Studies (PCD)

The purpose of this task was to participate in Project Needs Studies for major transportation projects, assist PennDOT with environmental analysis, identify and implement innovative financing mechanisms for major capital projects and participate in agency coordination meetings as appropriate.

Transportation Infrastructure

2-A. Transit Programming (RVT)

Maintain and preserve RVT's existing transit facilities and services consistent with WATS Long Range Plan policies and economic development efforts.

2-B. Highway Programming (PCD)

Assist PennDOT in the implementation of the FFY 2019 WATS Transportation Improvement Program, (TIP) as needed in accordance with the PennDOT General Procedural and Financial Guidance documents.

2-C. Air Quality-Monitoring (PCD)

Lycoming County is currently designated as an Air Quality Attainment Area. In the event Lycoming County is designated as a non-attainment area due to changes in the Federal Clean Air Act standards or changes in Lycoming County's air quality, it may be appropriate for the WATS MPO transportation planning program priorities to be adjusted.

2-D. Public Transit Data (Short-Range Planning) (RVT)

Update RVT's time series data, ADA paratransit service data, operating data for each individual route and complete the annual National Transit Database Report.

2-E. HPMS (PCD)

The purpose of these tasks will be to verify and update Highway Performance Monitoring System (HPMS) data.

Long Range Planning

3-A. Long Range Plan Update (PCD)

Update and implement the WATS Long Range Transportation Plan

3-B. ADA Planning (RVT)

Maintain full compliance with the Americans with Disabilities Act of 1990 and DOT regulations and assure that the ADA paratransit service is responsive to the needs of its intended clients.

3-C. Transportation Development Plan Update (Long-Range Planning) (RVT)

Monitor and update River Valley Transit's (RVT's) 2019 and 2020 Performance Report and Plan Updates in terms of the overall system performance, capital improvements, service regionalization plan and the maintenance program.

3-D. Highway Designations (PCD)

Review and update highway designations. Initiated a comprehensive update of WATS functional classification mapping and WATS submitted data and mapping to establish Critical Urban and Rural Freight corridors and Scenic Byways designations when appropriate.

Program Management

4-A. Administration (PCD)

The purpose of this task will be to ensure timely and effective administration of the WATS transportation-planning program. PCD and RVT Staff prepared the FT 2022-2024 WATS Unified Planning Work Program (UPWP). PCD prepared and submitted 8 quarterly progress reports and invoices to PennDOT detailing progress on transportation planning activities. Additionally, PCD ensured compliance with the MPO adopted public involvement procedures and environmental justice requirements.

4-B. Safety and Drug Control Planning (RVT)

Maintain compliance with the Omnibus Employee Testing Act of 1991; provide on-going safety training for all employees especially in light of RVT's compressed natural gas equipment and facility. Also, continue to manage transportation safety and security issues on a daily basis and on all RVT construction projects.

Supplemental Tasks

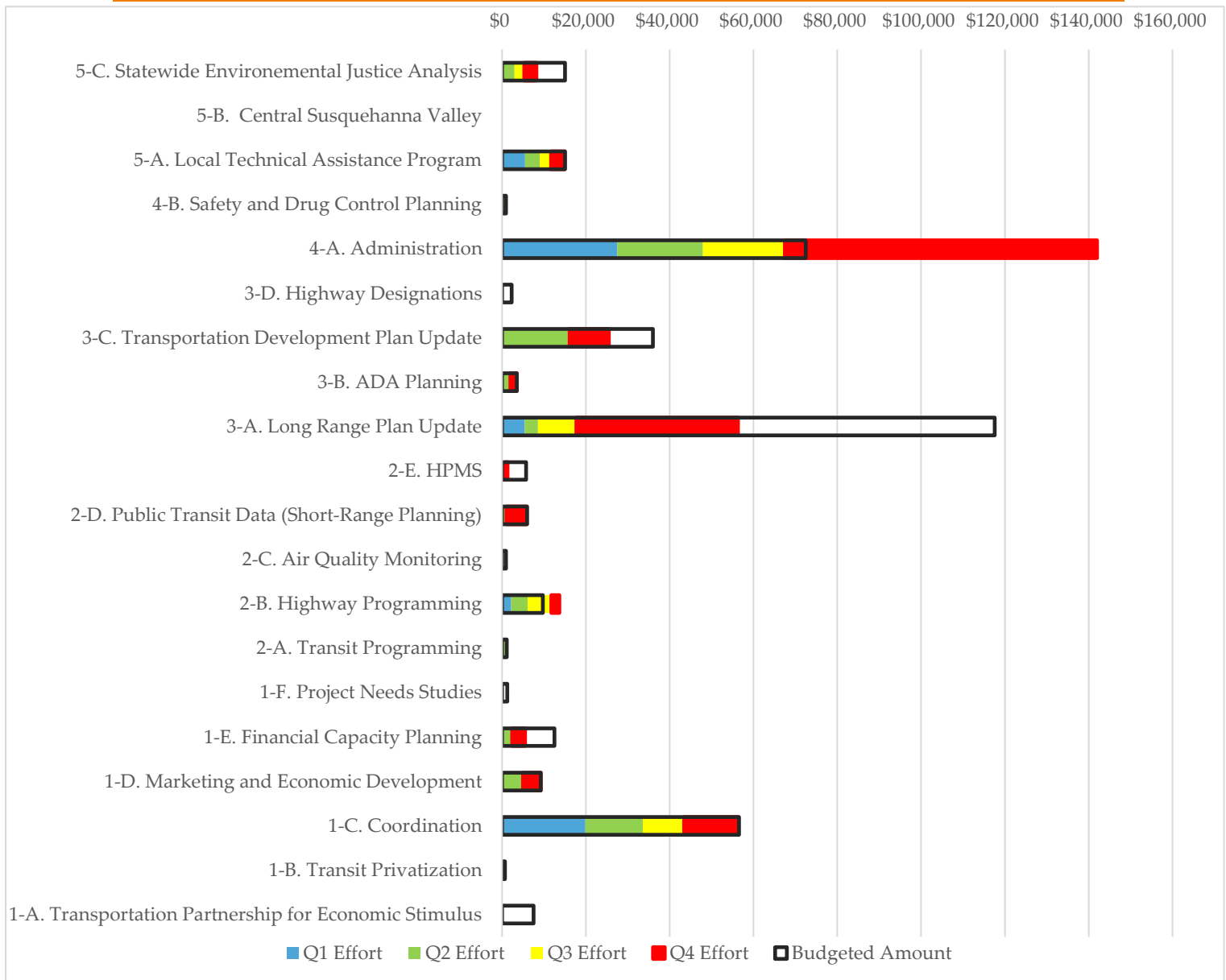
5-A. Local Technical Assistance Program (LTAP) Assistance (PCD)

The PennDOT Local Technical Assistance Program, PennDOT LTAP, is part of a national initiative to transfer transportation technology through training, technical assistance, and other customer services to municipal elected officials and their staff. In an effort to expand and promote LTAP services to the 52 municipalities within the one county region, WATS proposed to assist PennDOT with facilitating LTAP training during FY 2020-2022.

5-B. Central Susquehanna Valley Transportation (CSVT) Land Use – Transportation Impact Special Study (PCD)

The Central Susquehanna Valley Transportation (CSVT) Project special study will evaluate the overall land use and transportation system impacts resulting from the completion of the CSVT project on growth areas within Lycoming County, PA. The study places emphasis on the Instate I-180 corridor, from the Lycoming/Northumberland County line, to its connection with US-15. As well as the US-15 corridor between the Lycoming/Union County line and its connection with Interstate I-180, and to develop an action plan that will ensure orderly land development patterns, smart growth, and a safe and efficient multi-modal transportation system that is responsive to increased traffic demand.

Summary of Work Performed During Fiscal Year 2021-2022



Summary of WATS MPO Work Activity – Q1 (July 1, 2021 – September 30, 2021)

Coordination and Economic Development

1-A. Transportation Partnerships

No significant activity to report

1-C. Coordination

LCPC Staff in coordination with PennDOT, FHWA, and other Planning Partners developed a process for conducting statewide Environmental Justice analysis related to the upcoming 2023-

2026 program update. To develop a single consistent EJ analysis that can be applied statewide, the South Central MPOs in PennDOT District 8 generated a proposed methodology to evaluate the potential impacts of transportation plans and programs on EJ populations. The South Central PAMPO EJ Study, referred to as the Unified EJ Guide, includes several noteworthy practices adopted from MPOs around the country. As part of the 2021 TIP Environmental Justice Committee After Action Review (AAR), some aspects of the Unified EJ Guide will be modified and will be updated by November 2021. FHWA PA Division and FTA Region III reviewed the MPO Unified Guide, and identified Core E1 Elements of an effective approach to meet the intent of Executive Order 12898, Environmental Order 5610.2(a), FHWA Order 6640.23A, and FTA's Environmental Justice Circular 4703.1. As part of the 2021 STIP/TIP update, PennDOT and many MPOs/RPOs incorporated this approach into their EJ analysis. For the TIP EJ Analysis, MPOs/RPOs should conduct the following steps:

- Identify low-income and minority populations
- Assess conditions and identify needs
- Develop the draft Program
- Evaluate benefits and burdens of the Program
- Identify and avoid, minimize, or mitigate any disproportionate and adverse impacts

July 20, August 10, August 17, September 1, September 9, September 16, September 23, and September 28, 2021, LCPC Staff conducted training and coordination meetings, and presented the methodology to PennDOT and other Planning Partners.

July 7, 2021, LCPC Staff attended the Infrastructure & Local Road State Highway Safety Program Steering Committee meeting.

July 15, 2021, LCPC Staff attended the Post-Pandemic TAC Study Task Force kick-off meeting.

July 15, 2021, LCPC Staff attended the Transportation Advisory Committee quarterly meeting.

July 22, August 12, August 26, September 2, September 16, and September 23, 2021, LCPC Staff attended the Aviation Advisory Committee Hangar subcommittee virtual meetings.

July 12, 2021, LCPC Staff coordinated with PennDOT District 3-0 and Center for Program Development and Management to hold the WATS MPO 30-month out Long Range Transportation Plan update meeting.

July 22, 2021, LCPC Staff attended the Montour Street Airport Connector Stakeholder meeting.

August 18, 2021, LCPC Staff attended the Middle Susquehanna Active Transportation Committee (MSATC) work group virtual meeting.

September 9, 2021, LCPC Staff attended the PA Aviation Advisory Committee virtual meeting.

September 14, 2021, LCPC Staff attended the Pine Creek Rail Trail Advisory Committee meeting.

September 17, 2021, LCPC Staff attended the SEDA COG MPO meeting.

LCPC Staff coordinated with Jersey Shore Borough and area stakeholders for preparation and submission of the U.S. Department of Transportation Rebuilding Americas Infrastructure with Sustainability and Equity (RAISE) grant.

1-F. Project Needs Study

No significant activity to report.

Transportation Infrastructure

2-B. Highway Programming

LCPC Staff completed tasks related to implementing the WATS 2021-2024 TIP.

LCPC Staff began coordinating with PennDOT District 3-0, Center for Program Development and Management, and FHWA on the 2023-2026 TIP update.

2-C. Air Quality Monitoring

No significant activity to report.

2-E. HPMS – Samples

July 27 and July 28, 2021, LCPC Staff attended the HPMS Workshop.

LCPC Staff met with PennDOT Bureau of Planning & Research Transportation Planning Division for a Q/A review of the 2021 Lycoming County HPMS samples.

LCPC Staff coordinated with PennDOT on the 2021 HPMS data collection. LCPC Staff began performing the 2021 HPMS data collection throughout August and September 2021 throughout Lycoming County. LCPC Staff worked with PennDOT to ensure the accuracy of collected HPM samples.

Long Range Planning

3-A. Long Range Plan Update

LCPC Staff developed strategies for implementation of the 2018-2038 Long Range Transportation Plan.

LCPC Staff collected and analyzed US Census demographics data to support implementation of Long Range Transportation Plan.

LCPC Staff met virtually with the CSVT engineer (Michael Baker, Intl.), SEDA-COG MPO staff, and PennDOT on July 7, August 4, and August 18, 2021 to review the final CSVT Impact Study Report and prepare for the public officials briefing and general public meeting.

LCPC Staff arranged and convened the CSVT Impact Study fourth Steering Committee meeting on July 21, 2021.

LCPC Staff arranged and held a public official meeting to review the CSVT Impact Study findings on September 13, 2021.

LCPC Staff held a public meeting to present the outcomes from the CSVT Impact Study on September 13, 2021.

3-D. Highway Designations

No significant activity to report

Program Management

4-A. Administration

LCPC Staff continued general administrative activities (website maintenance, equipment purchases, exploring possible funding sources, staff training and coordinating with our transit partners) in support of the overall WATS program.

LCPC Staff prepared the draft FFY 2022-2024 WATS MPO UPWP document for review and approval by the WATS Technical and Coordinating Committees.

LCPC Staff prepared and submitted the FFY 2020-2021 4th Quarter progress report and invoice to PennDOT for cost reimbursement of WATS UPWP activities.

August 26, 2021 LCPC Staff attended the PennDOT District 3-O Interstate steering committee meeting.

July 1, 2021 LCPC Staff attended the Work Zone State Highway Safety Program Steering committee meeting.

LCPC Staff made all arrangements to purchase two Dell laptops and accessory components for \$10,635.22 for data analysis and other transportation planning actions.

Local Technical Assistance Program

5-A. Local Technical Assistance Program (LTAP)

LCPC Staff performed numerous LTAP administrative actions throughout the billing period, including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, fall 2021 LTAP in person courses, and webinars.

August 10, 2021 LCPC Staff held the LTAP Bridge & Culvert Maintenance for Municipalities course at the Old Lycoming Twp. Volunteer Fire Hall.

July 15, 2021 LCPC Staff coordinated and attended a Technical Assistance visit in Lewis Twp. on for a proposed new municipal salt storage shed. LTAP Engineer, Lewis Twp. supervisors, MPO and Planning Department staff attended.

July 16, 2021 LCPC Staff coordinated and attended a Technical Assistance visit in Picture Rocks Borough for a proposed road repair/bank stabilization project. LTAP Engineer, Picture Rocks Borough manager, MPO and Planning Department staff attended.

September 1, 2021 LCPC Staff coordinated and attended a Technical Assistance visit in Clinton Twp. for a proposed bridge removal project. LTAP Engineer, Clinton Twp. supervisors, MPO and Planning Department staff attended.

September 23, 2021 LCPC Staff attended the LTAP Planning Partners virtual meeting.

LCPC Staff coordinated with Old Lycoming Volunteer Fire Department to hold the fall 2021 in person courses.

Summary of WATS MPO Work Tasks – Q2 (October 1, 2021 – December 31, 2021)

Coordination and Economic Development

1-A. Transportation Partnerships

No significant activity to report

1-C. Coordination

October 21, 2021 LCPC Staff conducted Environmental Justice training and coordination meetings, and presented the methodology to FHWA.

October 6, October 21, and November 4, 2021. LCPC Staff attended fall Planning Partners meetings. October 7 and December 2, 2021 LCPC Staff attended the TAC Post-Pandemic Mobility and Rural Disparities Study Task Force meeting.

October 7, 2021 LCPC Staff attended the Transportation Advisory Committee quarterly meeting.

October 14, October 21, and October 28, 2021 LCPC Staff chaired and attended the Aviation Advisory Committee Hangar subcommittee virtual meetings.

October 27, 2021 LCPC Staff attended the PA Aviation Conference as a speaker/presenter.

November 4, and December 2, 2021 LCPC Staff attended a TAC meeting.

November 10, 2021 LCPC Staff attended the Middle Susquehanna Active Transportation Committee (MSATC) work group virtual meeting.

November 18, 2021 LCPC Staff attended the TAC Transportation Impact Fee virtual meeting.

November 18, 2021 LCPC Staff attended the Aviation Advisory Council & Aviation Council of Pennsylvania joint funding committee meeting.

November 18, 2021 LCPC Staff made all preparations and convened a WATS Transit Advisory Committee public teleconference meeting held. The PCD Director also attended the meeting.

November 24, 2021 LCPC Staff attended the Montour Street Airport Connector Stakeholder meeting.

November 30, 2021 LCPC Staff attended the BAMS PAMS Overview meeting with PennDOT District's 1, 2, and 3.

December 9, 2021 LCPC Staff chaired and attended the Aviation Advisory Committee meeting.

December 7, 2021 LCPC Staff attended the I-80 Alternative Fuel Corridor workshop.

December 15, 2021 LCPC Staff attended the State Transportation Commission meeting.

1-F. Project Needs Studies

No significant activity to report.

Transportation Infrastructure

2-B. Highway Programming

LCPC Staff completed tasks related to implementing the WATS 2021-2024 TIP.

LCPC Staff began review of current 2021-2024 WATS MPO TIP and drafting the 2023-2026 WATS MPO TIP update document.

LCPC Staff conducted an e-ballot for a 2021-2024 TIP Amendment to add additional funding to FFY 2022 of the 2021-2024 TIP.

LCPC Staff coordinated with PennDOT District 3-0, Center for Program Development and Management, and FHWA on the 2023-2026 TIP update.

2-C. Air Quality Monitoring

No significant activity to report.

2-E. HPMS- Samples

LCPC Staff finalized the 2021 HPMS data collection results and submitted information to PennDOT Bureau of Planning & Research Transportation Planning Division.

Long Range Planning

3-A. Long Range Plan Update

LCPC Staff developed strategies for implementation of the 2018-2038 Long Range Transportation Plan.

LCPC Staff collected and analyzed US Census demographics data to support implementation of Long-Range Transportation Plan.

LCPC Staff began review of 2018-2038 LRTP and other plans/documents in preparation for the upcoming LRTP update.

3-D. Highway Designations

No significant activity to report.

Program Management

4-A. Administration

October 25, 2021 LCPC staff held a WATS Technical Committee meeting via teleconference.

November 8, 2021 LCPC staff held a WATS Coordinating Committee meeting via teleconference.

November 18, 2021 LCPC staff held a WATS Transit Advisory Committee meeting via teleconference.

Local Technical Assistance Program

5-A. Local Technical Assistance Program (LTAP)

LCPC Staff performed numerous LTAP administrative actions throughout the billing period, including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, fall 2021 LTAP in person courses, and webinars.

LCPC Staff held the LTAP Winter Maintenance 101 course on October 18, 2021 at the Old Lycoming Twp. Volunteer Fire Hall.

LCPC Staff held the LTAP Pavement Preventative Maintenance course on November 9, 2021 at the Old Lycoming Twp. Volunteer Fire Hall.

LCPC Staff coordinated and attended a Technical Assistance visit in Watson Twp. for a proposed multi-phased bank stabilization project on West Side Road. LTAP Engineer, Watson Twp. supervisor/road master, MPO and Planning Department staff attended.

LCPC Staff coordinated and attended a Technical Assistance visit in Old Lycoming Township on November 17, 2021 for a proposed road repair/bank stabilization project on Huling Road. LTAP Engineer, Old Lycoming Twp. streets department staff, MPO and Planning Department staff attended.

LCPC Staff prepared and submitted the 1st Quarter FY 2021-2022 LTAP report to PennDOT.

LCPC Staff coordinated with PSATS to begin scoping/scheduling the spring 2022 LTAP courses.

5-B. CSVT Land Use/Transportation Study

No significant activity to report.

5-C. Statewide Environmental Justice Analysis

LCPC Staff assisted with the statewide EJ analysis approach started with the 2021 TIP. LCPC staff completed the first two steps (Identification of Low-Income and Minority Populations and assessment of conditions and identification of needs for bridges, pavements and crashes) for all areas of the State for the 2023 TIP update, and assisted other MPO/RPO Planning Partners in them data analysis.

Summary of WATS MPO Work Activity – Q3 (January 1, 2022 – March 30, 2022)

Coordination and Economic Development

1-A. Transportation Partnerships

No significant activity to report.

1-C. Coordination

January 4, February 1, March 1, 2022 LCPC Staff attended the Aviation Council of Pennsylvania roundtable virtual meetings as a guest presenter held.

January 6, 2022 LCPC Staff attended the PennDOT Connects meeting.

January 25 and February 16, 2022 LCPC Staff attended the PennDOT Planning Partners call.

January 20, February 17, 2022 March 17 2022 LCPC Staff Chaired the virtual joint Aviation Council of Pennsylvania and PA Aviation Advisory Joint Funding Committee meeting.

January 26, February 17, 2022 LCPC Staff chaired and attended the PennDOT Montoursville Montour Street connector project meeting.

February 2, 2022 LCPC Staff attended the virtual Post Pandemic Mobility & Rural Disparities Study Task Force meeting.

February 7, 2022 LCPC Staff attended a virtual TAC meeting.

February 16, 2022 LCPC Staff attended the Middle Susquehanna Active Transportation Committee (MSATC) work group virtual meeting.

February 24, 2022 LCPC Staff attended the PennDOT Connects Municipal Outreach/Peer Exchange test run.

March 10, 2022 LCPC Staff attended the PA Aviation Advisory Committee virtual meeting.

March 24, 2022 LCPC Staff attended the PennDOT Connects Steering Committee meeting.

March 30, 2022 LCPC chaired the virtual TAC PA Aviation Strategic Plan Task Force Kick-off meeting.

1-F. Project Needs Study

No significant activity to report.

Transportation Infrastructure

2-B. Highway Programming

LCPC Staff completed tasks related to implementing the WATS 2021-2024 TIP.

LCPC Staff continued work on the draft 2023-2026 WATS MPO TIP, preparing the draft TIP for WATS Technical and Coordinating Committee reviews and to send out for the April – May 2022 public comment period.

LCPC Staff coordinated with PennDOT District 3-0, Center for Program Development and Management, and FHWA on the 2023-2026 TIP update.

2-C. Air Quality Monitoring

No significant activity to report.

2-E HPMS - Samples

LCPC Staff worked with PennDOT Bureau of Planning & Research Transportation Planning Division to prepare for the upcoming HPMS sample gathering in summer/fall 2022.

Long Range Planning

3-A. Long Range Plan Update

LCPC Staff developed strategies for implementation of the 2018-2038 Long Range Transportation Plan.

LCPC Staff coordinated with PennDOT District 3, PennDOT Center for Program Development, and FHWA on the 2023 LRTP Update.

LCPC Staff began reviewing other recently adopted LRTP's in preparation for the WATS MPO 2023 LRTP update.

LCPC Staff began reviewing updated State and Federal guidance and plans (Comprehensive Freight Movement Plan, HSIP, etc.) in preparation for 2023 LRTP update.

3-D. Highway Designations

No significant activity to report.

Program Management

4-A. Administration

LCPC Staff continued general administrative activities (website maintenance, equipment purchases, exploring possible funding sources, staff training and coordinating with our transit partners) in support of the overall WATS program.

February 28, 2022 LCPC Staff made all preparations and convened a WATS Technical Committee public teleconference meeting held. The PCD Director also attended the meeting.

March 14, 2022 LCPC Staff made all preparations and convened a WATS Coordinating Committee public teleconference meeting held. The PCD Director also attended the meeting.

LCPC Staff prepared and submitted the FFY 2021-2022 2nd Quarter progress report and invoice to PennDOT for cost reimbursement of WATS UPWP activities.

LCPC Staff conducted an e-ballot to amend the 2022-2024 UPWP by adding Task 5-B CSVT Implementation work task.

Local Technical Assistance Program

5-A. Local Technical Assistance Program (LTAP)

LCPC Staff performed numerous LTAP administrative actions throughout the billing period, including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, spring 2022 LTAP in-person courses, and webinars.

March 22, 2022 LCPC Staff held the LTAP Drainage Key to Roads that Last course at the Old Lycoming Twp. Volunteer Fire Hall.

January 25, 2022 LCPC Staff coordinated and attended a Technical Assistance visit in Old Lycoming Township for a proposed road repair/bank stabilization project on Huling Road. LTAP Engineer, Old Lycoming Twp. streets department staff, MPO and Planning Department staff attended.

LCPC Staff coordinated and attended a Technical Assistance visit in Lewis Twp. on February 18, 2022 for a proposed bridge project on Upper Poweys Road. LTAP Engineer, Lewis Twp. supervisor/road master, MPO and Planning Department staff attended.

LCPC Staff prepared and submitted the 2nd Quarter FY 2021-2022 LTAP quarterly report to PennDOT.

LCPC Staff coordinated with PSATS to begin scoping/scheduling the fall 2022 LTAP courses.

5-B. CSVT Land Use/Transportation Study

No significant activity to report.

5-C. Statewide Environmental Justice Analysis

January 20, 2022 LCPC Staff held a statewide EJ analysis assistance session with multiple MPO's.

February 3, 2022 LCPC Staff held a statewide EJ analysis assistance session with Centre MPO.

LCPC began reviewing draft 2023-2026 TIP projects to prepare for draft TIP project EJ analysis and review.

Summary of WATS MPO Work Activity – Q4 (April 1, 2022 – June 30, 2022)

Coordination and Economic Development

1-A. Transportation Partnerships

No significant activity to report.

1-C. Coordination

LCPC Staff attended the Aviation Council of Pennsylvania roundtable virtual meetings as a guest presenter held on April 5, May 3, and June 7, 2022.

LCPC Staff attended the PennDOT Connects PennDOT District 3-0 Media Event on April 22, 2022.

LCPC Staff attended the PennDOT Planning Partners call on May 18, 2022.

LCPC Staff Chaired the virtual joint Aviation Council of Pennsylvania and PA Aviation Advisory Joint Funding Committee meeting on April 21, May 19, and June 16, 2022.

LCPC chaired the virtual TAC PA Aviation Assessment Task Force Kick-off meeting April 27, 2022.
LCPC Staff attended a virtual TAC meeting on May 26, 2022.
LCPC Staff attended the Middle Susquehanna Active Transportation Committee (MSATC) work group virtual meeting on May 18, 2022.
LCPC Staff attended the PennDOT Connects Steering Committee meeting on June 16, 2022.
LCPC Staff attended the TAC Airport Regional Listening Session on June 20, 2022.

1-F. Project Needs Studies

No significant activity to report.

Transportation Infrastructure

2-B. Highway Programming

LCPC Staff completed tasks related to implementing the WATS 2021-2024 TIP.
LCPC Staff made all preparations and held the 2023 Williamsport MPO draft 2023-26 TIP public meeting on April 25, 2022.
LCPC Staff worked with PennDOT District 3-0, Center for Program Development and Management, and FHWA to finalize the 2023-2026 TIP update. The WATS Technical Committee recommended the draft 2023-26 TIP for adoption on May 23, 2022. The WATS Coordinating Committee adopted the 2023-26 TIP at their June 13, 2022 meeting.

2-C. Air Quality Monitoring

No significant activity to report.

2-E. HPMS – Samples

LCPC Staff worked with PennDOT Bureau of Planning & Research Transportation Planning Division to prepare for the upcoming HPMS sample gathering in summer/fall 2022.
LCPC staff began preparations for the fall 2022 HPMS data collection (logistics for sample collection, scheduling, etc.).

Long Range Planning

3-A. Long Range Plan Update

LCPC Staff continued strategies for implementation of the 2018-2038 Long Range Transportation Plan.
LCPC Staff continued to assist PennDOT with asset management activities.
LCPC Staff continued to advance recommendations for the Susquehanna Greenways Trail project.
LCPC Staff attended the PA Aviation Advisory Committee virtual meeting on June 9, 2022.
LCPC Staff attended a PA PUC – SEDA COG final inspection on May 20, 2022.
LCPC Staff coordinated with Susquehanna Greenway Partnership on regional greenway initiatives.
LCPC Staff began transportation system equity analysis for the 2023-2045 LRTP.
LCPC Staff reviewed WATS MPO Public Participation Plan and began to revise the WATS PPP.
LCPC Staff reviewed current LRTP and incorporated State and Federal guidance/plans into the draft 2023-2045 LRTP and presented the first sections of the draft 2023-2045 LRTP to the WATS MPO Technical and Coordinating Committees.

3-D. Highway Designations

No Significant Activity to report.

Program Management

4-A. Administration

LCPC Staff continued general administrative activities (website maintenance, equipment purchases, exploring possible funding sources, staff training and coordinating with our transit partners) in support of the overall WATS program.

LCPC Staff made all preparations and convened a WATS Transit Advisory Committee public teleconference meeting held on May 12, 2022. The PCD Director also attended the meeting.

LCPC Staff made all preparations and convened a WATS Technical Committee public teleconference meeting held on May 23, 2022. The PCD Director also attended the meeting.

LCPC Staff made all preparations and convened a WATS Coordinating Committee public teleconference meeting held on June 13, 2022. The PCD Director also attended the meeting.

LCPC Staff prepared and submitted the FFY 2021-2022 3rd Quarter progress report and invoice to PennDOT for cost reimbursement of WATS UPWP activities.

LCPC Staff received approval to purchase an MPO vehicle to assist the MPO in completing of a number of UPWP work tasks (Task 1-C, Task 2-B, Task 2-E, etc.).

LCPC Staff received approval to purchase a StreetLight Data subscription to assist the MPO in completing a number of UPWP work tasks (Task 3-A LRPT update, etc.).

Local Technical Assistance Program

5-A. Local Technical Assistance Program (LTAP)

LCPC Staff performed numerous LTAP administrative actions throughout the billing period, including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, spring 2022 LTAP in-person courses, and webinars.

LCPC Staff held the LTAP Asphalt Roads Common Maintenance Problems course on April 5, 2022 at the Old Lycoming Twp. Volunteer Fire Hall.

LCPC Staff held the LTAP Equipment and Worker Safety course on May 24, 2022 at the Old Lycoming Twp. Volunteer Fire Hall.

LCPC Staff coordinated and attended a Technical Assistance visit in Old Lycoming Township on May 24, 2022 for a proposed road repair/bank stabilization project on Huling Road. LTAP Engineer, Old Lycoming Twp. streets department staff, MPO and Planning Department staff PennDOT District 3-0 Municipal Services staff, and DEP staff attended.

LCPC Staff attended the 2022 West Branch COG show and coordinated with PSATS to host two LTAP courses, Local Safe Road Plan and Pavement Markings during the event.

LCPC Staff received approval to purchase LTAP promotional items to be distributed to LTAP course attendees in the upcoming fall/winter 2022 LTAP courses. LCPC coordinated with the vendor for the creation and purchase of the LTAP promotional items.

LCPC Staff prepared and submitted the 3rd Quarter FY 2021-2022 LTAP quarterly report to PennDOT.

LCPC Staff coordinated with PSATS to schedule the fall 2022 LTAP courses.

5-B. CSVT Land Use/Transportation Study

No significant activity to report

5-C. Statewide Environmental Justice Analysis

LCPC Staff held a numerous statewide EJ analysis assistance session with other Planning Partner MPO's/RPO's to review and assist with the EJ data analysis to be included in the various 2023 TIP updates.

LCPC Staff finished EJ analysis for the draft 2023-2026 TIP projects and incorporated the analysis/data into the draft 2023-2026 TIP.

Summary of WATS Supplemental Task Work Activity FY 2021-2022

Local Technical Assistance Program

Program Overview

A Metropolitan Planning Organization (MPO) is a group of elected and appointed officials representing local, state, and federal governments along with other agencies, that have an interest or responsibility in local transportation systems. The MPO is responsible for creating a Long-Range Transportation Plan (LRTP) lyco.org/WATS-MPO/LRTP, a Transportation Improvement Program (TIP) lyco.org/WATS-MPO/TIP, and a Unified Planning Work Program (UPWP) lyco.org/WATS-MPO/UPWP. The Williamsport Area Transportation Study (WATS) is the MPO covering Lycoming County. The role of the WATS MPO is to develop transportation policies, programs, and projects that move people and goods in a safe, efficient manner. It also will promote economic development, protect the environment, and preserve Lycoming County's quality of life.

The Lycoming County Department of Planning & Community Development agreed to become involved in the LTAP Program, since we have established strong relationships with our municipal officials. MPO's are tasked with development of a LRTP and the TIP. We work closely with municipalities for identification and prioritization of transportation improvement projects needed, within Lycoming County.

This is the 17th year the Williamsport MPO has teamed up with PennDOT to assist in the LTAP program. The contracting mechanism for MPO involvement was inclusion of Task 5-A in the FY 2020-2022 WATS UPWP. We have found numerous ways to integrate LTAP with our other local transportation planning initiatives and have verified that municipal officials are aware of LTAP services and benefits. We have received very positive feedback on the usefulness and value of the program to address their transportation training needs.

Since these documents must be fiscally constrained as per federal requirements, it is important that preventative maintenance measures be employed to extend the life of roads and bridges to avoid the high capital expenditures on larger scale projects that become unaffordable for our MPO to program. The LTAP Program provides municipal officials with a wealth of educational materials targeted at preventative maintenance, in order to stretch limited transportation dollars to perform cost-effective transportation asset management.

On December 17, 2018 the Williamsport MPO adopted their 20-year Long Range Transportation Plan Update (LRTP) in fulfillment of Federal Fixing America's Surface Transportation (FAST) Act compliance requirements. We have worked with municipalities and other stakeholder organizations to develop the FFY 2023-2026 Transportation Improvement Program (TIP), which was adopted by the MPO on June 5, 2022. 99 highway and bridge transportation projects valued at an estimated \$106 million are now programmed on the TIP. The LRTP and TIP emphasize system preservation with a focus on correcting poor condition bridges. LTAP courses and technical assistance can help us implement the MPO LRTP and TIP projects with our local municipalities. This has provided guidance, education and technical assistance regarding sound system preservation practices, which also is a high priority for PennDOT. Now that PA Act 89 is in place, it will provide significant additional funding to local municipalities for roads and bridges. It is important that municipal officials receive the proper training to begin to quickly implement the backlog

of municipal road and bridge projects. In 2017, the Lycoming County Commissioners adopted an ordinance to authorize PennDOT to collect an additional \$5 vehicle registration fee. As this was authorized in Act 89, to assist municipalities in undertaking additional municipal transportation improvement needs, such as reducing the backlog of poor condition local bridges.

Program Accomplishments

Below is a list of what we believe to be our most significant accomplishments:

1. The Lycoming County Department of Planning & Community Development staff is now more highly educated on the services offered through LTAP, which will allow us to more effectively market the program with our municipal officials. Effective marketing begins with a thorough understanding of the product or service you are offering.
2. In 2016, Lycoming County, utilizing LTAP supplemental funding completed the Lycoming County Small Bridge Inventory Pilot program. The pilot program demonstrated the general lack of awareness regarding the condition of smaller, local bridges less than 20 feet long. Federal inspections are not required on these structures. With follow-up NBIS level inspections, completed by Lycoming County, has identified 104 such structures.

In 2021, Lycoming County utilized Liquid Fuels funds to restart the Small Bridge Inspection program, based in large part, on the success of the Small Bridge Inventory pilot program. To date the Small Bridge Inspection program has discovered seven (7) under 20 feet long, locally owned bridges that required closure due to safety concerns. This only highlights the critical role the Small Bridge Inspection program plays in informing Lycoming County municipalities of their locally owned bridge infrastructure, and the need for preventative maintenance.

3. Using the data obtained through the Small Bridge Inventory Pilot program, the County, working with PennDOT Engineering District 3-0 and local municipal bridge owners has developed a local bridge bundling program to begin to repair or replace 17 poor condition locally owned bridges (a \$7 million local investment). The Lycoming County Bridge Bundling RFP was issued in January 2020. PCD staff received nine (9) proposals from engineering firms for the Bridge Bundling project. After interviewing a number of the firms, the PCD staff extended an offer to Bassett Engineering, Inc. for the bridge bundling project. The Lycoming County Commissioners approved the contract with Bassett Engineering on June 13, 2020. Preliminary design and engineering work began on the Lycoming County Bridge Bundling project in July 2020.

Construction of the first “bundle” of four (4) bridges located in Eldred, Hepburn, Limestone, and Muncy Townships began in June 2021 with Bundle 1 construction completed in late 2021. Construction on Bundle 2 and Bundle 3 began in spring 2022 with construction estimated to be completed by October 2022. Bridge Bundle 2 includes five (5) bridges located in Gamble, Mifflin, Penn, and Wolf Townships, and Montgomery Borough. Bundle 3 includes five (5) bridges located in Franklin, Loyalsock, Moreland, and Susquehanna Townships and Jersey Shore Borough.

The Bridge Bundling program will have a significant impact on addressing Lycoming County’s poor-condition locally owned bridge backlog. It is critical to note that this project would not have been possible without the assistance of LTAP supplemental funds.

4. The LTAP classes offered in Lycoming County are consistent with the most frequent courses requested by our municipalities through our survey results, which help to contribute to good course attendance and feedback by municipal officials.
5. The Williamsport MPO LTAP program has been analyzed in terms of number of courses offered, registrants and attendees (see table below).

<i>Program Year</i>	<i>Number of Courses Held</i>	<i>Number of Registrants</i>	<i>Number of Attendees</i>	<i>Average Number of Attendees Per Course</i>
2005-2006	7	137	102	15
2006-2007	8	145	113	14
2007-2008	9	313	240	26
2008-2009	16	327	252	16
2009-2010	7	84	66	10
2010-2011	5	70	52	10
2011-2012	9	176	143	16
2012-2013	5	114	93	19
2013-2014	8	153	128	16
2014-2015	8	139	107	13
2015-2016	4	96	76	19
2016-2017	4	70	50	13
2017-2018	4	71	54	13
2018-2019	5	142	115	23
2019-2020	3	82	82	27
2020-2021	80	45	28	2.8
16 Year Total	182	2,181	1,713	15.8

The PCD staff worked with PennDOT to offer online courses, webinars, and other remote training opportunities.

FY 2021-2022 Program Highlights

This section of the annual report provides a summary of the key outreach activities the PCD undertook to better market the LTAP Program to our municipalities in Lycoming County. Specifically, information on the survey, courses offered, communication and marketing tools and techniques as well as budgetary figures to administer the program are provided herewith.

LTAP Municipal Training Needs Survey

For the 2021-2022 LTAP program year, PCD Staff continued issuance of a two-page simplified course survey in October 2021. The MPO staff works with PSATS to schedule courses based on the municipal requests from the survey.

LTAP Course Offerings

This section of the report provides summary information regarding the 2021-2022 LTAP courses that were offered and held within Lycoming County. PCD staff promoted the scheduled in-person courses as well as all virtual courses, Drop-In sessions, and webinar offerings through multiple emails as well as posting the course offerings with date/time information, brief course descriptions, and links to the PennDOT LTAP website on the [WATS MPO LTAP website](https://www.lyco.org/wats-mpo).

The MPO uses the Old Lycoming Twp. Volunteer Fire Dept. Social Hall as the host facility. This location is centrally located and easily accessible to most municipalities and houses ideal training facilities at a reasonable cost.

Course Name	Date Held	Attendees
Pavement Markings: Applications & Maintenance (Virtual)	January 6, 2021	6
Erosion & Sediment Control (Virtual)	March 12, 2021	0
Bridge & Culvert Inspection for Municipalities	August 10, 2021	9
Seal Coat (Virtual)	October 18, 2021	0
Winter Maintenance 101	October 18, 2021	10
Asphalt Roads Common Maintenance Problems (Virtual)	October 19, 2021	0
Pavement Preventative Maintenance	November 9, 2021	10

Communication / Marketing

Traditionally, the PCD staff would use three primary means of communication with municipalities to promote the LTAP courses (hardcopy mailers, mass e-mails, and the [WATS MPO LTAP webpage](#)). PCD staff utilized monthly emails to all municipal partners, highlighting that month's LTAP virtual courses and Drop-In session webinar offerings and links to the LTAP registration website. Additionally, the PCD staff updated the WATS MPO LTAP website monthly with LTAP training information and links to the registration website. The PCD staff made follow-up reminder telephone calls and emails to municipalities as needed, and assisted with registering participants.

The Lycoming County Planning Commission staff partnered with SEDA-COG MPO by jointly staffing a display booth and provided marketing materials at the West Branch Council of Governments Equipment Show held on May 18, 2022. Additionally, WAT MPO coordinated with PSATS to hold two LTAP courses at the Equipment Show;

- Local Safe Road Plan
- Pavement Markings

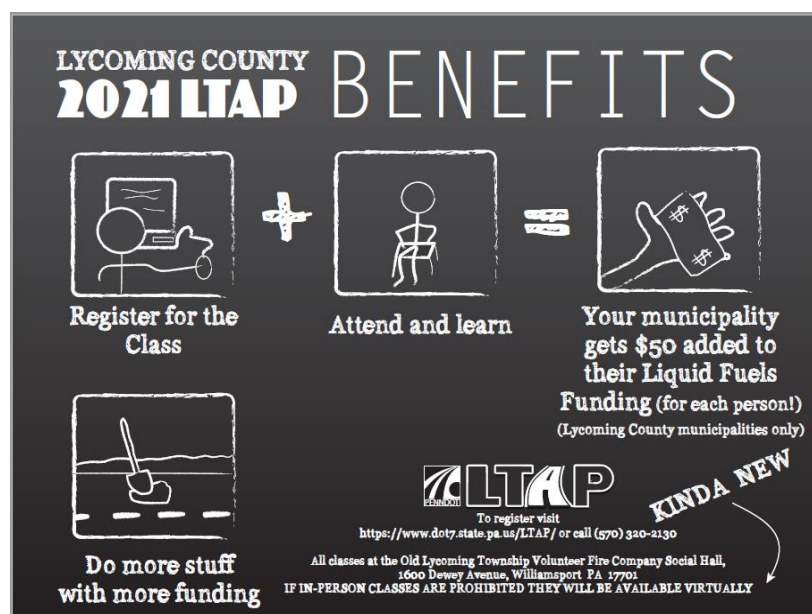
We were able to connect with approximately 375-400 municipal attendees throughout the region at this single day event. This forum provided an excellent opportunity to promote LTAP and network with municipal officials and area-wide design firms and highway equipment vendors.

The Lycoming County Department of Planning & Community Development continued working partnerships with many organizations to market the LTAP Program in 2021-2022 including:

- The Pennsylvania Department of Transportation Central Office & Engineering District 3-0 Bureau of Municipal Services
- SEDA-Council of Governments
- West Branch Council of Governments
- Lycoming County Association of Township Officials
- Old Lycoming Township Volunteer Fire Company
- Lycoming County municipalities

- Local News Media

In 2021, PCD continued the incentive program. Any municipality that had an individual register and attend an LTAP course offering, would receive an additional \$50 on their municipal liquid fuels allocation in 2022. In the hopes that this will further incentivize municipalities to send representatives to LTAP course offerings. This following graphic was emailed to municipalities, emailed to municipal officials, and incorporated into the LTAP section of the [WATS MPO website](http://www.lyco.org/wats-mpo).



While the 2021-2022 LTAP attendance does show promise the incentive program is working, further LTAP programs are needed to determine if this incentive program will become successful. Below are the 2022 liquid fuel allotment bonuses based on this new incentive program.

Municipality	2021 TOTAL LTAP COURSE ATTENDEES	Total Benefit Earned
City of Williamsport	1	\$50
Clinton Twp.	10	\$500
Duboistown Borough	1	\$50
Jackson Twp.	2	\$100
Lewis Twp.	3	\$150
Limestone Twp.	1	\$50
Montoursville Borough	6	\$300
Muncy Borough	10	\$500
Watson Twp.	1	\$50
2021-2022 Totals	35	\$1,750

The total amount of additional liquid fuels funds received by Lycoming County municipalities participating in the incentive program in 2021-2022 was \$1,750.00.

Budget Expenditures

This section of the annual report provides a summary of budgetary expenditures for various work tasks by quarterly reporting period in support of Lycoming County Department of Planning & Community Development efforts to promote the LTAP Program in Lycoming County based on authorized work activities contained in Task 5-A of the Williamsport MPO approved FY 2020-2022 Unified Planning Work Program.

Quarterly Budget Expenditures for LTAP Task (5-A)

Task 5-A First Quarter Expenditures (July 1, 2021-September 30, 2021) \$5,492.38

- Conducted numerous LTAP administrative actions including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, fall 2021 LTAP in-person courses, and webinars.
- Held the LTAP Bridge & Culvert Maintenance for Municipalities course on August 10, 2021 at the Old Lycoming Twp. Volunteer Fire Hall.
- Coordinated and attended a Technical Assistance visit in Lewis Twp. on July 15, 2021 for a proposed new municipal salt storage shed. LTAP Engineer, Lewis Twp. supervisors, MPO and Planning Department staff attended.
- Coordinated and attended a Technical Assistance visit in Picture Rocks Borough on July 16, 2021 for a proposed road repair/bank stabilization project. LTAP Engineer, Picture Rocks Borough manager, MPO and Planning Department staff attended.
- Coordinated and attended a Technical Assistance visit in Clinton Twp. on September 1, 2021 for a proposed bridge removal project. LTAP Engineer, Clinton Twp. supervisors, MPO and Planning Department staff attended.
- Attended the LTAP Planning Partners virtual meeting on September 23, 2021.
- Coordinated with Old Lycoming Volunteer Fire Department to hold the fall 2021 in-person courses.

Task 5-A Second Quarter Expenditures (October 1, 2021 - December 31, 2021) \$ 3,520.44

- Conducted numerous LTAP administrative actions throughout the billing period, including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, fall 2021 LTAP in-person courses, and webinars.
- Held the LTAP Winter Maintenance 101 course on October 18, 2021 at the Old Lycoming Twp. Volunteer Fire Hall.
- Held the LTAP Pavement Preventative Maintenance course on November 9, 2021 at the Old Lycoming Twp. Volunteer Fire Hall.
- Coordinated and attended a Technical Assistance visit in Watson Twp. for a proposed multi-phased bank stabilization project on West Side Road. LTAP Engineer, Watson Twp. supervisor/road master, MPO and Planning Department staff attended.
- Coordinated and attended a Technical Assistance visit in Old Lycoming Township on November 17, 2021 for a proposed road repair/bank stabilization project on Huling Road. LTAP Engineer, Old Lycoming Twp. streets department staff, MPO and Planning Department staff attended.
- Prepared and submitted the 1st Quarter FY 2021-2022 LTAP report to PennDOT.
- Coordinated with PSATS to begin scoping/scheduling the spring 2022 LTAP courses.

Task 5-A Third Quarter Expenditures (January 1, 2022- March 31, 2022) \$2,659.26

- Conducted numerous LTAP administrative actions throughout the billing period, including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, spring 2022 LTAP in-person courses, and webinars.
- Held the LTAP Drainage Key to Roads that Last course on March 22, 2022 at the Old Lycoming Twp. Volunteer Fire Hall.
- Coordinated and attended a Technical Assistance visit in Old Lycoming Township on January 25, 2022 for a proposed road repair/bank stabilization project on Huling Road. LTAP Engineer, Old Lycoming Twp. streets department staff, MPO and Planning Department staff attended.
- Coordinated and attended a Technical Assistance visit in Lewis Twp. on February 18, 2022 for a proposed bridge project on Upper Poweys Road. LTAP Engineer, Lewis Twp. supervisor/road master, MPO and Planning Department staff attended.
- Prepared and submitted the 2nd Quarter FY 2021-2022 LTAP quarterly report to PennDOT.
- LCPC Staff coordinated with PSATS to begin scoping/scheduling the fall 2022 LTAP courses.

Task 5-A Fourth Quarter Expenditures (April 1, 2022 – June 30, 2022) \$3,310.27

- LCPC Staff performed numerous LTAP administrative actions throughout the billing period, including promotion of all LTAP virtual courses, Virtual Drop-In Sessions, spring 2022 LTAP in-person courses, and webinars.
- LCPC Staff held the LTAP Asphalt Roads Common Maintenance Problems course on April 5, 2022 at the Old Lycoming Twp. Volunteer Fire Hall.
- LCPC Staff held the LTAP Equipment and Worker Safety course on May 24, 2022 at the Old Lycoming Twp. Volunteer Fire Hall.
- LCPC Staff coordinated and attended a Technical Assistance visit in Old Lycoming Township on May 24, 2022 for a proposed road repair/bank stabilization project on Huling Road. LTAP Engineer, Old Lycoming Twp. streets department staff, MPO and Planning Department staff PennDOT District 3-0 Municipal Services staff, and DEP staff attended.
- LCPC Staff attended the 2022 West Branch COG show and coordinated with PSATS to host two LTAP courses, Local Safe Road Plan and Pavement Markings during the event.
- LCPC Staff received approval to purchase LTAP promotional items to be distributed to LTAP course attendees in the upcoming fall/winter 2022 LTAP courses. LCPC coordinated with the vendor for the creation and purchase of the LTAP promotional items.
- LCPC Staff prepared and submitted the 3rd Quarter FY 2021-2022 LTAP quarterly report to PennDOT.

LCPC Staff coordinated with PSATS to schedule the fall 2022 LTAP courses.

FY 2021-2022 WATS MPO LTAP Task Budget Summary

Total FY 2021-2022 Task 5-A Expenditures	\$14,982.35
Total FY 2021-2022 UPWP Task 5-A Budget	\$15,000.00
Budget Savings FY 2021-2022	\$17.65
Program Cost Per LTAP Course Attendee, FY 2021-2022	\$428.06

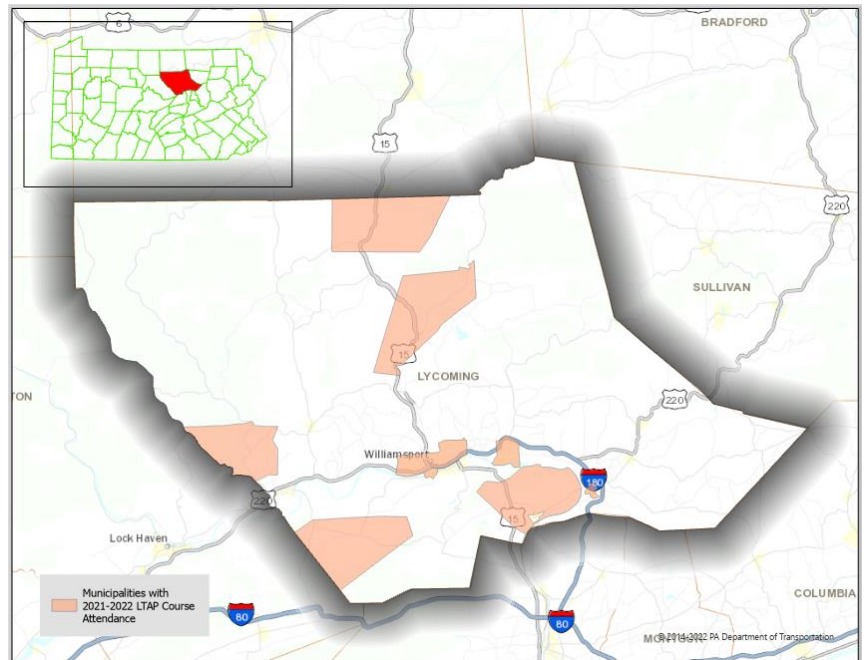
Program Success Stories

Diversity of Course Offerings

Since the PCD began its partnership with PennDOT in 2005 to market LTAP courses in Lycoming County, we have offered 109 courses with 1,710 municipal officials in attendance. These courses yielded an average of 15.94 attendees per course. (Numbers do not reflect the virtual course offered 2020-2021) Considering our MPO represents a single county (Lycoming) with a small municipal catchment base and large geographic area (largest land area of any PA County) involving long travel times for some of our municipal attendees these numbers are strong.

High Participation across Municipalities

51 of the 52 Lycoming County municipalities (98%) have attended LTAP courses or have used LTAP services since 2005. About 17.3% or 9 Lycoming County municipalities attended LTAP classes this year (meaning at least one person from the municipality attended at least one of the LTAP courses offered). In contrast, approximately 16%, or 8 Lycoming County municipalities attend LTAP courses in 2017-2018.



Major Marketing Opportunities 2022 & Beyond

At their November 8, 2021 public meeting, the Williamsport MPO approved the continuation of the Lycoming County Department of Planning & Community Development participation as a partner with PennDOT in the LTAP program by including a separate task once again in the FY 2022-2024 WATS MPO Unified Planning Work Program. The PCD will continue to pursue a marketing plan that will identify strategies to maintain consistent levels of attendance at LTAP trainings and expand participation in technical assistance in Lycoming County.

In an effort to make the LTAP courses more accessible to municipal partners, the Williamsport MPO will retain the host facility location for the 2021-2022 LTAP program, at the Old Lycoming Township Volunteer Fire Department Social Hall, since in-person LTAP courses have resumed. This location is easily accessible to most municipalities (quick access to Route 15), houses ideal training facilities, and is reasonably priced. In addition, the PCD will continue to offer free lunches for the full-day training sessions in addition to providing morning refreshments that have previously been offered.

Achieve Full LTAP Participation by Lycoming Co. Municipalities & Neighboring RPO's

PCD staff will continue to target the one remaining non-responding municipality (Bastress Township) through special outreach efforts to educate these particular local officials about the value of utilizing LTAP services. Also, we continue to be successfully partnering with the SEDA-COG MPO and Northern Tier RPO to promote LTAP on a more region-wide basis by cross-promoting classes and attending regional events that draw municipal officials such as the equipment shows and we are seeing non-Lycoming County municipalities from these neighboring planning regions attending our courses and equipment shows. We will continue to make efforts to offer either new LTAP courses (that have not been previously offered in Lycoming County) or updated classes with new material to ensure we are providing an up to date and diverse training program in a variety of disciplines attractive to our local municipalities.

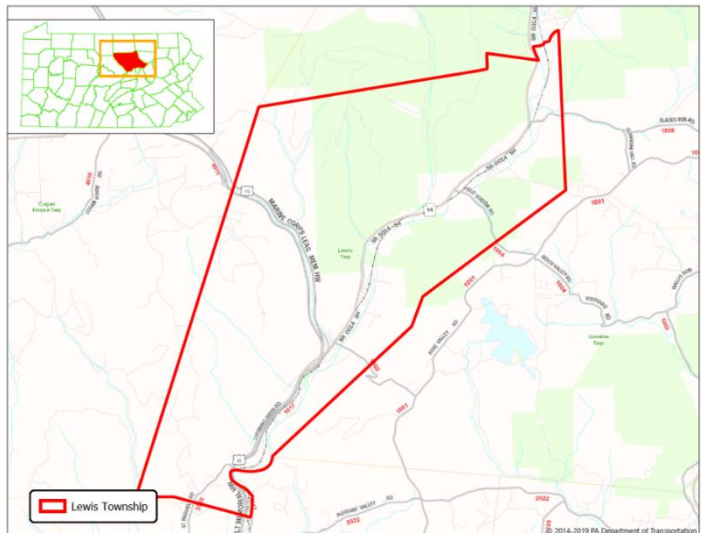
Technical Assistance

Another focus of future opportunities is the LTAP Technical Assistance visits. Municipal requests for technical assistance in Lycoming County are generally low. This is primarily due to the fine efforts of PennDOT District 3-0's ongoing routine municipal outreach activities and numerous county sponsored programs. These programs provide free services to municipalities such as local bridge inspections, liquid fuels funding assistance and ongoing technical assistance from the Planning Department.

PCD Staff will continue to monitor Technical Assistance requests via the LTAP website and informational flyers targeted at Lycoming County's 52 municipalities. The PCD staff received four (4) requests for Technical Assistance visits during the 2021-2022 LTAP year.

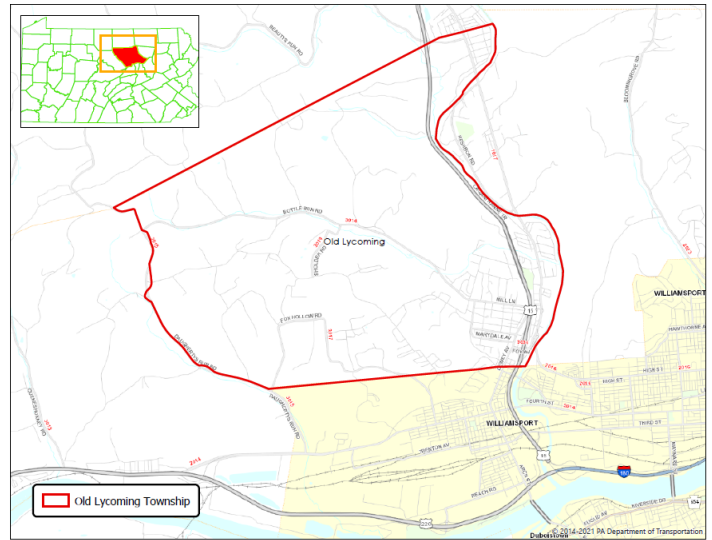
Lewis Township:

Lewis Twp. Salt Shed Technical Assistance, PCD staff coordinated a LTAP Technical Assistance visit in February 2022 with Lewis Township. PCD staff and a LTAP engineer met with the Lewis Twp. Supervisors and Township streets staff to review the proposed purchasing of a PennDOT "uneconomic remnant" to be used as the location for a new Township salt shed and vehicle storage area. The LTAP engineer coordinated with PennDOT District 3-0 and Lewis Township on the next steps for the process. While at the Technical Assistance visit the Township supervisors also asked for guidance on a proposed bridge repair project on Upper Poweys Rd.



Old Lycoming Township:

Huling Road Technical Assistance, PCD staff coordinated a LTAP Technical Assistance visit in Old Lycoming Township in May 2022 to address erosion and drainage issues on Daugherty's Run Rd. PCD staff and a LTAP engineer met with the Old Lycoming Township Streets Department staff to review issues with Huling Road, specifically bank erosion along Daugherty Run. The LTAP engineer is finalizing the Technical Assistance Memo for Old Lycoming Township with suggested bank stabilization repairs.



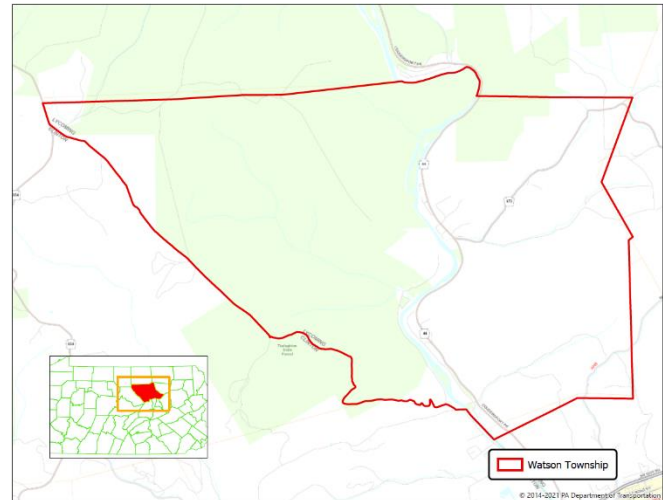
Picture Rocks Borough:

Water Street Technical Assistance, PCD staff coordinated a LTAP Technical Assistance visit in July 2021 with Picture Rocks Borough. PCD staff and a LTAP engineer met with the Picture Rocks Borough Manager and Borough Council member to review issues with Water Street, specifically bank along Muncy Creek. The LTAP engineer provided Picture Rocks Borough with a Technical Assistance Memo with suggested bank stabilization repairs. Picture Rocks Borough is pursuing funding opportunities to begin work on the project.



Watson Township:

West Side Road Technical Assistance, PCD staff coordinated a LTAP Technical Assistance visit in November 2021 with Watson Township. PCD staff and a LTAP engineer met with the Watson Township Supervisor and Road Master to review slide issues with West Side Road. The LTAP engineer provided Watson Township with a Technical Assistance Memo with suggested bank stabilization repairs. Watson Township is pursuing funding opportunities to begin work on the project.



These technical assistance visits are extremely helpful to Lycoming County municipalities, providing them with the necessary information and best practices to correct a number of maintenance issues. The Williamsport MPO staff continues to promote the Technical Assistance program and field visits at all LTAP training sessions, upcoming township and county conventions, and other events.

Performance Measures

Performance based planning and programming

Performance-based planning and programming is a system-level, data-driven method for strategically identifying potential projects to best meet the quantifiable needs present in the multimodal transportation system. Trends and analysis of various metrics inform long range planning and identify goals and objectives. Connecting performance measures to goals and objectives through the setting of targets based on measurable indices provides a basis for better understanding and sharing information with stakeholders and the public.

In 2012, a new transportation reauthorization bill was signed into law entitled Moving Ahead for Progress in the 21st Century (MAP-21). Along with consolidating a number of federal transportation funding programs and promoting accelerated project delivery, environmental sustainability, more efficient freight movement, increased safety, congestion reduction and system reliability this legislation continues metropolitan and statewide transportation planning processes and incorporates performance goals, measures, and targets into the process of identifying needed transportation improvements and project selection.

For the first time, the statewide and metropolitan long-range transportation plan must describe the performance measures and targets used in assessing system performance and progress in achieving the performance targets. It is important to note that the US Department of Transportation Secretary is required to establish criteria for the evaluation of the new performance-based planning processes. This process is to consider whether States developed appropriate performance targets and made progress toward achieving the targets. The legislation requires the Secretary to provide reports to Congress evaluating the overall effectiveness of performance based planning and the effectiveness of the process in each State and for each MPO. MAP-21 established seven national performance goals:

1. To achieve a significant reduction in traffic fatalities and serious injuries on all public roads

2. To maintain the highway infrastructure asset system in a state of good repair
3. To achieve a significant reduction in congestion on the National Highway System
4. To improve the efficiency of the surface transportation system
5. To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development
6. To enhance the performance of the transportation system while protecting and enhancing the natural environment
7. To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices

On December 4, 2015, President Obama signed the current transportation reauthorization bill the Fixing America's Surface Transportation (FAST) Act. This bill continued the outcome-based performance measures of MAP-21 and clarified the nature of how the goals would be assessed. As a Metropolitan Planning Organization, the Williamsport Area Transportation Study has the option either to accept and support the statewide targets established by PennDOT or to set our own performance targets. The Williamsport Area Transportation Study Metropolitan Planning Organization will opt to accept and support the statewide performance targets developed by PennDOT.

There are three categories of performance measures, which are collectively referred to as the PM1, PM2, and PM3 measures:

- PM1 – measures of safety performance
- PM2 – measures for the condition of NHS pavements, Interstate pavements, and bridges carrying the National Highway System
- PM3 – measures for the performance of the NHS, freight movement on the Interstate, and the Congestion Mitigation and Air Quality Program.

Measures of safety performance

There are five performance measures established to track highway safety:

1. Number of fatalities
2. Rate of fatalities per 100 Million Vehicle Miles Traveled (VMT)
3. Number of serious injuries
4. Rate of serious injuries per 100 Million VMT
5. Number of combined non-motorized fatalities and non-motorized serious injuries

The most recently available baseline values and proposed targets for these performance measures statewide and for WATS are given below:

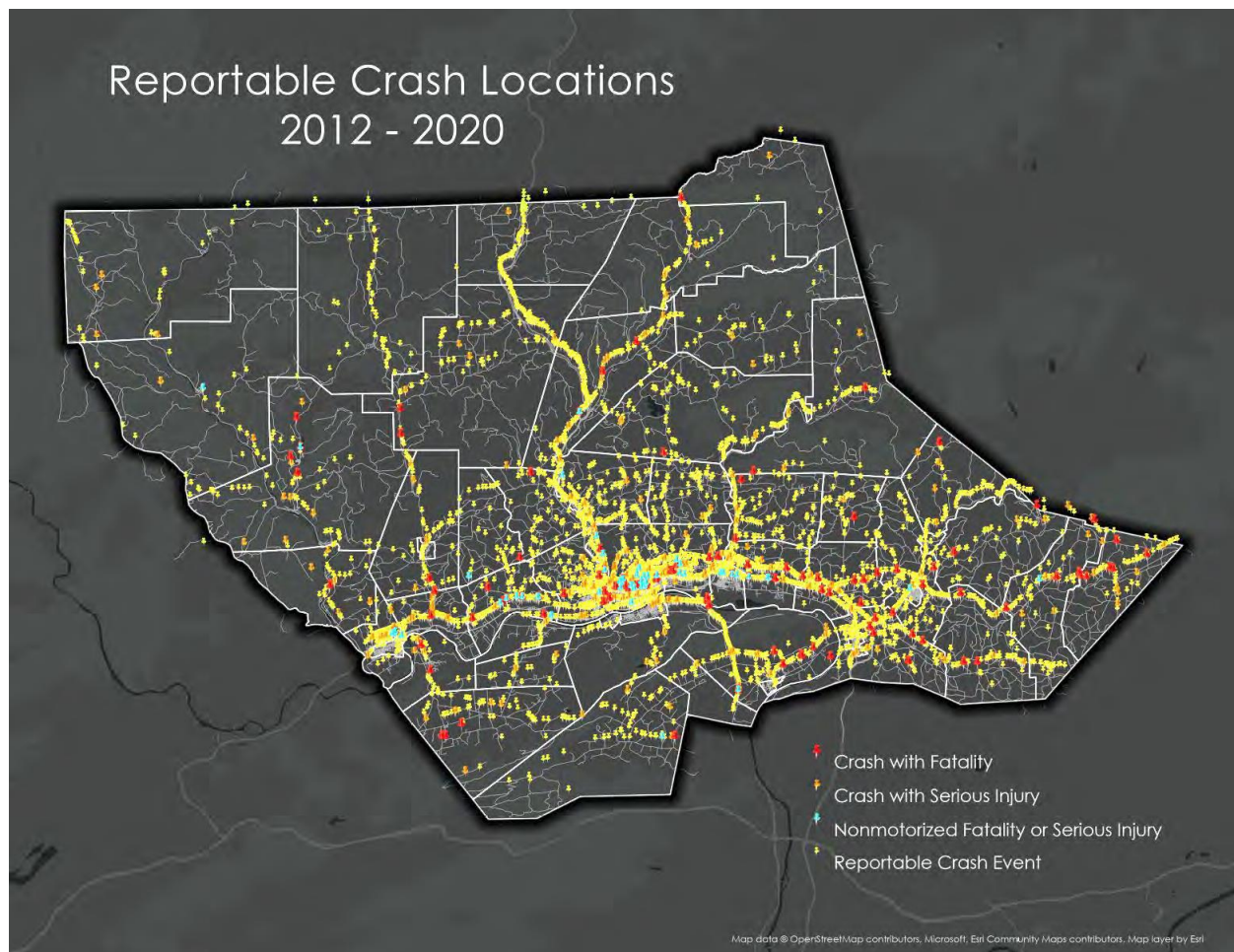
PM-1 Performance Measures	Statewide Target, 2018-2022	WATS Target, 2018-2022	Statewide Baseline, 2016-2020	WATS Baseline, 2016-2020
Number of Fatalities	1,113.7	11.1	1,140.6	11.2
Fatality Rate (per 100 Million Miles Traveled)	1.205	1.19	1.157	1.11
Number of Serious Injuries	4,490.8	33.4	4,445.6	40.0
Serious Injury Rate (per 100 Million Miles Traveled)	4.860	3.584	4.510	3.964
Number of Non-motorized Fatalities and Serious Injuries	730.1	7.2	761.2	7.4

WATS Highway Safety 2012-2022

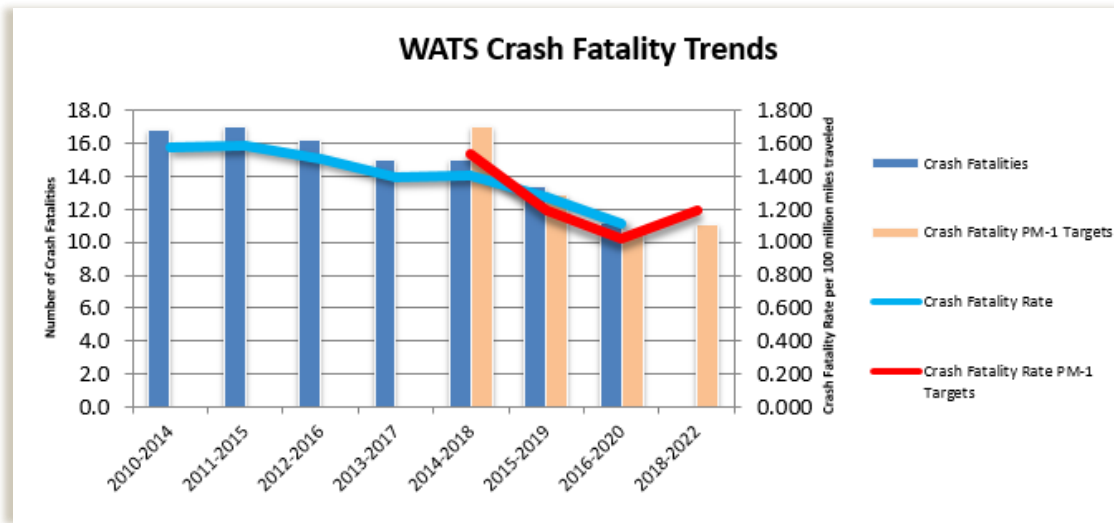
A key component of effective performance-based planning is tracking the measures through time and analyzing available data to identify patterns or trends. This tells us how the decisions we make are impacting the transportation system of Lycoming County and provides a more informed approach when making decisions and prioritizing projects.

It is also important to note that all information below is derived from data on “reportable” crashes only. Reportable crashes are defined as those that result in “injury to or death of any person and/or result in damage to any vehicle to the extent that it cannot be driven under its own power in its customary manner without further damage or hazard to the vehicle, other traffic elements, or the roadway, and therefore requires towing.”

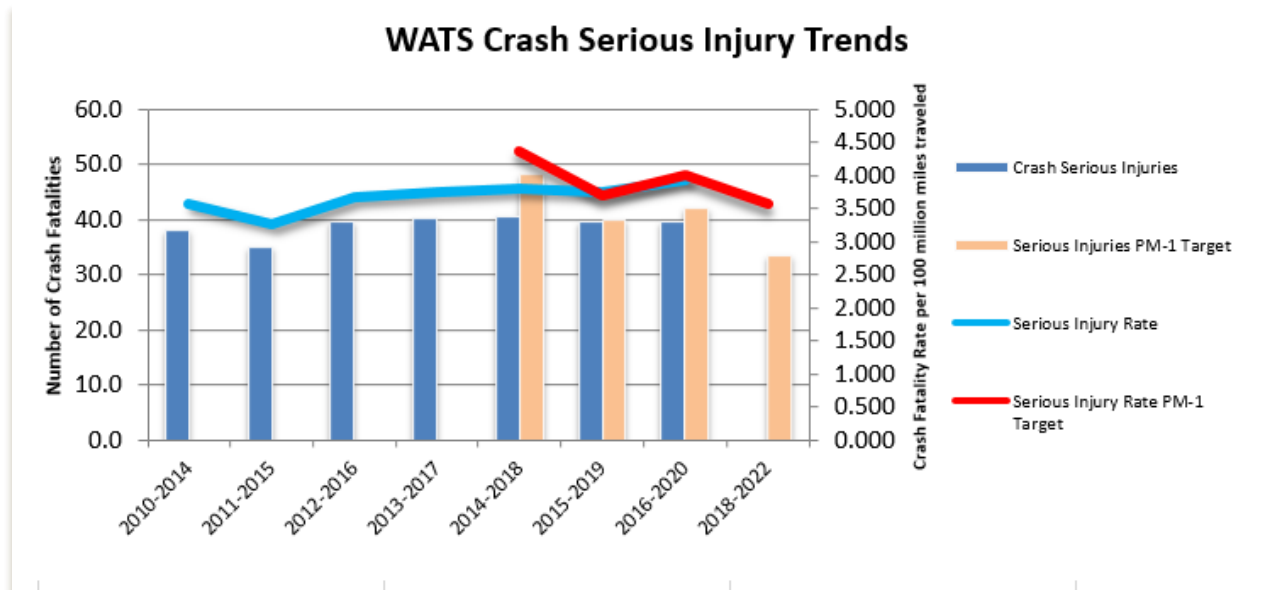
Reportable Crash Locations, 2012-2022



Crash Fatality Trends 2012-2022

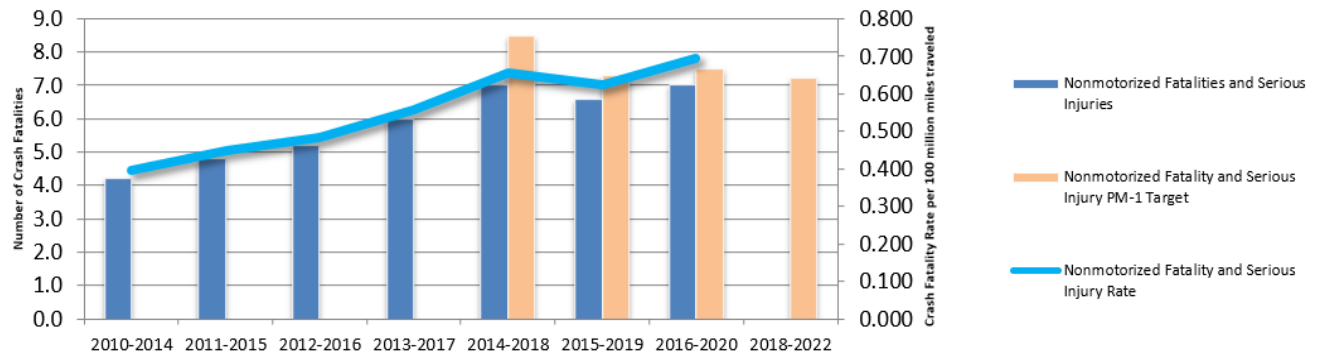


Crash Serious Injury Trends 2010-2022



Non-motorized Fatality and Serious Injuries 2010-2022

WATS Non-motorized Fatality and Serious Injuries Trends



Measures of asset condition

There are six PM-2 performance measures to track asset conditions.

1. Percentage of pavements on the Interstate System in Good condition
2. Percentage of pavements on the Interstate System in Poor condition
3. Percentage of pavements on the National Highway System (excluding Interstate) in Good condition
4. Percentage of pavements on the National Highway System (excluding Interstate) in Poor condition
5. Percentage of National Highway System bridge deck area classified as in Good condition
6. Percentage of National Highway System bridge deck area classified as in Poor condition

Definitions of good and poor condition

Pavement condition is determined from four distress components:

1. International Roughness index (IRI), a measure of how rough pavement surface is reported as inches of rough pavement per mile. An IRI less than 95 is considered Good condition and an IRI greater than 170 is considered Poor condition
2. Cracking, reported as a percentage of pavement surface that is cracked. Less than 5% cracking is considered Good condition. Poor condition cracking depends on pavement material and ranges from greater than 10% to greater than 20%.
3. Rutting, reported as a measurement of the depth of ruts in bituminous pavements in inches. Rutting less than 0.2 inches is considered Good condition while rutting greater than 0.4 inches is considered Poor condition.
4. Faulting, a measurement of difference in elevation between concrete pavement joints in inches. Faults of less than 0.1 inches are considered Good condition and faults greater than 0.15 inches are considered Poor condition.

A pavement section is considered to be in overall good condition if all applicable distress components are rated Good. Overall poor condition for a pavement section results from at least two distress components rated as Poor.

Bridge condition is derived from the component condition scores (0-10) from National Bridge Inventory Standards (NBIS). Culvert structures receive one unitary rating score while all other bridge structures receive a composite rating score based on inspections of the deck, superstructure, and substructure. A bridge or culvert is considered in Good condition if *all* component scores are at least 7. A bridge or culvert is considered in Poor condition if *any* component score is 4 or lower. In other words, the overall bridge condition rating is determined by the lowest scoring component.

Baselines and targets

The most recently available baseline values and proposed targets for these performance measures statewide are given below:

	2020 baseline	2022 two-year target	2024 four-year target
Percentage Interstate pavement in Good condition	85.15%	N/A	89%
Percentage Interstate pavement in Poor condition	0.0%	N/A	1.0%
Percentage NHS non-Interstate pavement in Good condition	63.12%	50.0%	44.0%
Percentage NHS non-Interstate pavement in Poor condition	0.1%	2.0%	1.0%
Percentage NHS bridge deck area in Good condition	25.6%	25.8%	26.0%
Percentage NHS bridge deck area in Poor condition	5.5%	5.6%	6.0%



Asset conditions within WATS are as follows:

Performance Measure	2022	2024
Percentage Interstate pavement Good condition IRI	85.1%	89%
Percentage Interstate pavement Good condition OPI	89.0%	100.0%
Percentage Interstate pavement Poor condition IRI	0.0%	0.0%
Percentage Interstate pavement Poor condition OPI	0.0%	0.0%
Percentage NHS non-Interstate pavement Good condition IRI	94.7%	95.3%
Percentage NHS non-Interstate pavement Good condition OPI	96.3%	96.7%
Percentage NHS non-Interstate pavement Poor condition IRI	2.3%	2.5%
Percentage NHS non-Interstate pavement Poor condition OPI	1.5%	1.8%

Percentage NHS bridge deck area in Good condition	44.9%	47.5%
Percentage NHS bridge deck area in Poor condition	0.0%	0.0%

OPI is a measurement developed by PennDOT to quantify overall pavement condition. It consists of a system of deductions for the presence of various distress and extent conditions such as cracking, rutting, and faulting. Based on a 0-100-point scale where 100 represents an undamaged pavement with no distress and 0 represents the complete failure of the pavement.

Measures of system performance

There are six PM-3 performance measures, although only three currently apply to WATS:

- Percent of person-miles traveled on the Interstate System that are reliable
- Percent of Person-miles Traveled on the Non-Interstate National Highway System that are reliable
- Interstate system truck travel time reliability index (the ratio of travel times at peak traffic volumes to travel times at the overall average traffic volume)

Baselines and targets

Measure	2017 statewide baseline	2019 two year target	2021 four year target	2019 WATS baseline
Interstate reliability	89.80%	89.9%	89.50%	100%
NHS Reliability	87.40%	N/A	87.40%	97.40%
Truck reliability index	1.34	1.40	1.40	1.19

Major Accomplishments

Below is a list of what we believe to be our most significant accomplishments in FY 2021-2022

Lycoming County Bridge Bundling Program

In April 2020, the Lycoming County Commissioners approved the application for a Pennsylvania Infrastructure Bank (PIB) loan for \$7 million. The County will utilize the \$5 fee funds to repay the PIB loan over the next 10 years.

In May 2021, the MPO staff received Lycoming County Commissioner approval to contract with McTish, Kunkel & Associates to perform the construction inspection services and Wolyniec Construction Inc. to perform the general construction for Bundle 1 of the Bridge Bundling Program. In total, four bridges were replaced in 2021 as part of the Bridge Bundling program. The bridges replaced were located on Mill Road in Limestone Township, Calebs Creek Road in Eldred Township, Auchmuty Road in Muncy Township, and Klump Road in Hepburn Township.



All four bridges in Bundle 1 were replaced with Aluminum Box Culverts, an innovative and cost-effective solution for municipalities to replace aging infrastructure. These structures also provide ample environmental benefits, namely the natural stream bottom which was used in all four of the bridges replaced in 2021 as part of the first bundle.



By December 2021, all four bridges in Bundle 1 were completed. Construction on Bundle 2 and Bundle 3 began in spring 2022 with construction estimated to be completed by November 2022. Bridge Bundle 2 includes five (5) bridges located in Gamble, Mifflin, Penn, and Wolf Townships, and Montgomery Borough. Bundle 3 includes five (5) bridges located in Franklin, Loyalsock, Moreland, and Susquehanna Townships and Jersey Shore Borough.

MPO staff is finalizing the proposal and bidding processes for Bridge Bundles 4 anticipates having construction inspection and general

construction firms under contract by the mid-March 2023.

Lycoming County Small Bridge Inspection Program

In January 2021, the Lycoming County Commissioners awarded Larson Design Group (LDG) the Small Bridge Inspection contract to inspect the one hundred and ten (110) locally owned small bridges with span lengths between 8 – 20 feet. LDG began inspecting and inventorying the eleven (11) high-risk bridges in April 2021. The 2021 small bridge inspections noted that eight (8) of the high-risk bridges had high priority repairs and LDG informed the municipalities of the issues.



In 2022, LDG will continue the small bridge inspection program by inspecting an additional seventy-two (72) locally owned bridges with span lengths between 8 – 20 feet. In addition, LDG will begin preparations to create the Small Local Bridge Asset Management Plan.

PCD Staff Leadership Roles on State Transportation Committees

In 2021, Mark Murawski, PCD Assistant Transportation Planner continued to be actively involved performing a leadership role representing the County on two significant state transportation committees as per his appointment by Governor Wolf. Mark is currently Vice Chairman of the [Pennsylvania](#)

[Transportation Advisory Committee, \(TAC\)](#) and Secretary of the Pennsylvania Aviation Advisory Committee, (AAC). This past year, Mark chaired a special TAC Task Force that evaluated the use of Transportation Impact Fees as originally authorized under Act 209 of 1990 and amended by Act 68 of 2000. Although imposition of impact fees is allowed to address transportation impacts created by specific land development, many requirements must be met by local municipalities to institute the fees. This study examines the history and use of impact fees in Pennsylvania and identifies the opportunities and challenges that local municipalities and developers face when using the program. The study recommends various reforms to improve the process, which, in part, include amending the PA Municipalities Planning Code to allow Counties and Metropolitan Planning Organizations to be more meaningfully involved in this process to ensure that it is a balanced approach that can work to address local issues and needs related to transportation impacts from major land development. To review the final report please visit [\(link\)](#).



(click picture to view study)

Another significant initiative Mark proposed in 2021 is the development of a first ever Pennsylvania Aviation Strategic Plan that has just been approved for PennDOT funding by the TAC. Both state committees (TAC & AAC) will work cooperatively in the development of this landmark plan and Mark has been appointed to Co-Chair the Task Force along with Dr. Larry Nulton, a state aviation expert from Cambria County and fellow TAC member. This plan will develop a strategic approach toward aviation capital investments needed at commercial service and general aviation airports, identify and address aviation funding gaps, evaluate PA commercial air service needs on a macro level with emphasis on improved communication between the airlines, Commonwealth and airport operators especially when major changes are proposed. The study should be completed by the end of 2022. Baker International and Gannett Fleming has been hired by PennDOT as the study consultants.

WATS MPO Annual Report

In 2020, the MPO staff created a new document for both the WATS Technical Committee and WATS Coordinating Committee, as well as the public to highlight the activities, programs, and projects that the WATS MPO undertook in 2020. The WATS MPO Technical Committee approved the WATS MPO State Fiscal Year 2019-2020 Annual Report in October 2020 and the WATS Coordinating Committee approved the Annual Report in November 2020.

The new Annual Report provides a summary of MPO work performed in FY 2019-2020 and breaks down the work activity by fiscal quarter. The Report also highlights the actual amount of work performed and the budgeted amount to show where MPO staff efforts are focused.

Upcoming Work, FY 2022-2023

Central Susquehanna Valley Transportation (CSVT) Implementation Committee

In March 2022, WATS staff sought supplemental funding to further the work of the CSVT Special Impact Study. WATS staff requested \$150,000.00 for the addition of Task 5-B CSVT Impact Study Implementation on

the 2022-2024 UPWP from PennDOT to retain the consultant services used in the CSVT Special Impact Study. Additionally, WATS staff proposed using the existing CSVT Special Impact Study management team, and transitioning the team into the CSVT Implementation Committee. The CSVT Implementation Committee will be comprised of WATS MPO staff, SEDA-COG MPO staff, the CSVT Steering Committee, and other local and regional stakeholders.

PennDOT approved the supplemental funding request in April 2022. The WATS Technical Committee approved the addition of Task 5-B to the 2022-2024 UPWP at their May 23, 2022 meeting and the Coordinating Committee approved the addition of Task 5-B at their June 13, 2022 meeting.

WATS staff began working with the consultant firm, Michael Baker Int'l. in July 2022. The CSVT Implementation Committee held a number of meetings throughout the summer of 2022 to prioritize the implementation projects contained in the CSVT Special Impact Study. The CSVT Implementation Committee will be meeting with PennDOT District 3-0 in the fall of 2022 to determine which projects are able to be implemented in the near term.

2023-2026 WATS MPO Transportation Improvement Program (TIP)

Throughout 2021-2022, WATS staff, in coordination with River Valley Transit (RVT) and PennDOT, developed the 2023-2026 WATS MPO TIP. The draft 2023 – 2026 WATS MPO TIP went out for public comment in February 2022 and received approximately 20 comments from partner agencies, the general public and other stakeholders.

The final draft of the 2023 – 2026 WATS MPO TIP was approved by the WATS Technical Committee at their May 23, 2022 meeting. The WATS Coordinating Committee approved the 2023 – 2026 TIP at their June 13, 2022 meeting. PennDOT reviewed the 2023 -2026 WATS MPO TIP in June 2022 and the WATS TIP was included in the Statewide Transportation Improvement Program (STIP). Currently the PA STIP is being reviewed by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) with approval anticipated in October 2022.

2022 Public Participation Plan (PPP) and Title VI Program Update

In fall 2021 the WATS staff began working on updating the WATS MPO PPP. The draft 2022 Public Participation Plan was sent out for public comment in November 2021. After the public comment period, the WATS staff received comments from FHWA and FTA that altered the draft 2022 PPP.

Because of this, the WATS staff revised the draft PPP and updated the WATS Title VI Program. During the summer of 2022 WATS staff held coordination meetings with PennDOT Bureau of Equal Opportunity, Federal Highway Administration (FHWA), and Federal Transit Administration (FTA) to ensure the PPP and Title VI Program meet all state and federal requirements. WATS staff intends to put the PPP and Title VI Program out for public comment in November of 2022. The WATS staff intends for the PPP and Title VI Program to be adopted at the February 2023 MPO Coordinating Committee meeting.