

Williamsport Area Transportation Study Metropolitan Planning Organization

WILLIAMSPORT AREA
TRANSPORTATION STUDY MPO

2021-2022 LOCAL TECHNICAL
ASSISTANCE PROGRAM ANNUAL
REPORT

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Williamsport MPO 2021-2022 LTAP Annual Report

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MISSION STATEMENT

The Lycoming County Department of Planning & Community Development (PCD) proposes to collaborate with PennDOT during 2021-2022 to work with all 52 municipalities in Lycoming County to identify their training needs and arrange for delivery of this training in a strategic and cost-effective manner to properly maintain and upgrade Lycoming County's local transportation network.

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 controlled as per federal requirements, it is important that preventative maintenance measures be employed to extend the life of roads and bridges. This allows us to avoid the high capital expenditures on larger scale projects, that could become unaffordable for our MPO to program. The LTAP Program provides municipal officials with a wealth of educational materials targeted at preventative maintenance. This allows the ability 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 educated on the services offered through LTAP. This 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.

<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	All courses	Held	Virtual	Only
2021-2022	7	47	37	5
17 Year Total	109	2,166	1,710	15.94

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

FY 2021-2022 PROGRAM HIGHLIGHTS

This provides a summary of 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.

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](#).

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](#).

LYCOMING COUNTY 2021 LTAP BENEFITS

Register for the Class + Attend and learn = Your municipality gets \$50 added to their Liquid Fuels Funding (for each person!) (Lycoming County municipalities only)

Do more stuff with more funding

LTAP
ESTABLISHED
 To register visit
<https://www.dot7.state.pa.us/LTAP/> or call (570) 320-2130

KINDA NEW

All classes at the Old Lycoming Township Volunteer Fire Company Social Hall,
 1600 Dewey Avenue, Williamsport PA 17701
 IF IN-PERSON CLASSES ARE PROHIBITED THEY WILL BE AVAILABLE VIRTUALLY

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

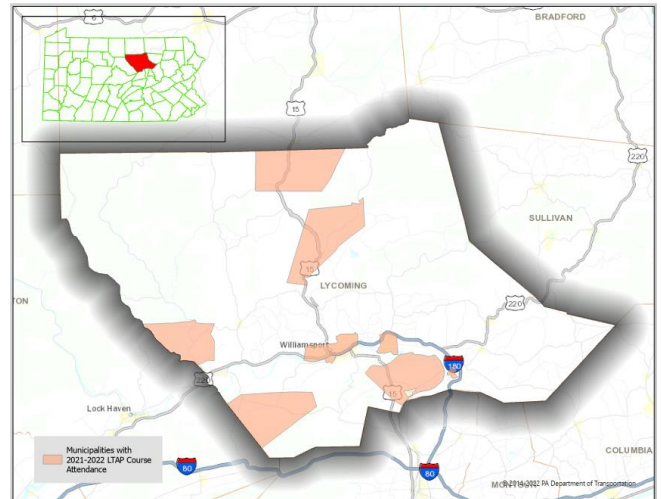
PROGRAM SUCCESS STORIES

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 1710 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.

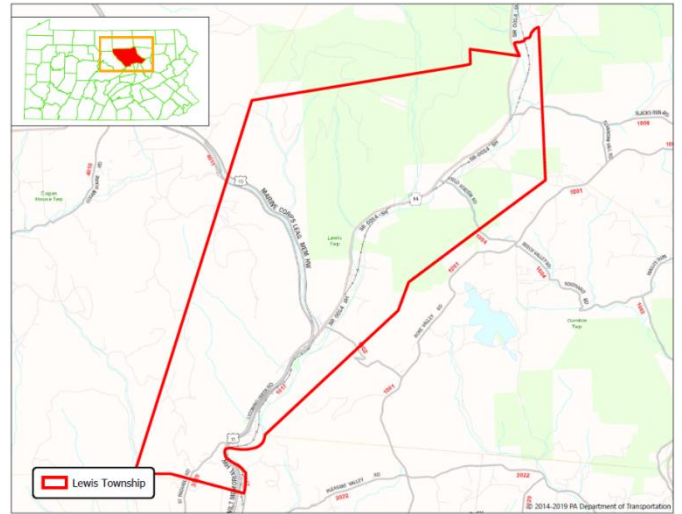
Technical Assistance

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.

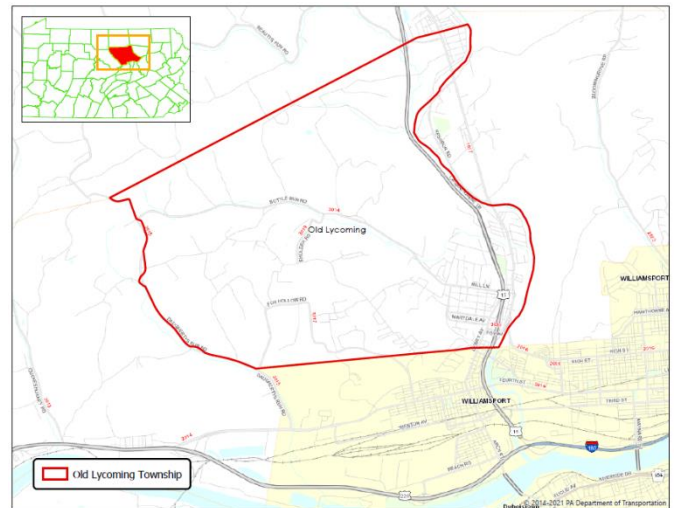
Lewis Township:

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.



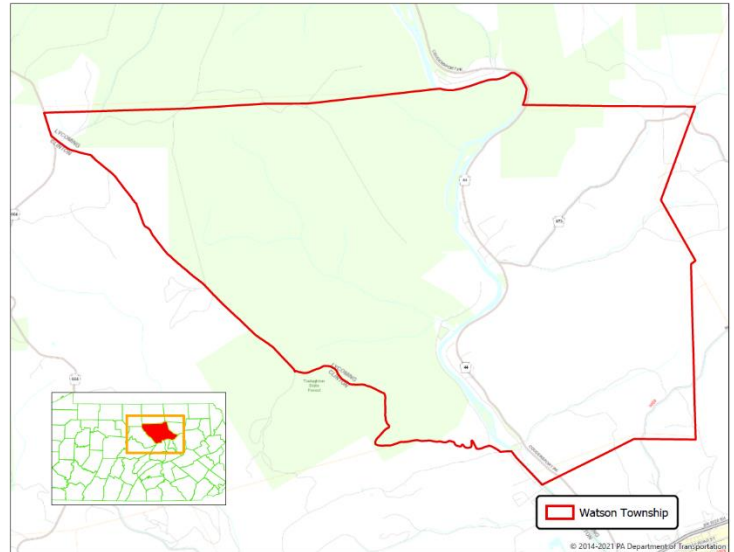
Picture Rocks Borough:

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.



pennsylvania
DEPARTMENT OF TRANSPORTATION
LOCAL TECHNICAL ASSISTANCE PROGRAM

ATTACHMENT A LTAP COURSES MUNICIPAL EMAIL

Dear Municipal Officials, Road Masters, and Streets Department Staffs,	
I hope you are all doing well. Below is the list of upcoming LTAP courses and drop-in sessions. If you have any questions on the Half-Day Virtual courses, LTAP Drop-In Sessions, or need assistance with registering, please feel free to contact me. For more information and to keep up-to-date with future training opportunities please visit the WATS MPO website .	
There are still a couple of seats available for the Pennsylvania College of Technology Equipment Operator Training course on Tuesday, October 20, 2020 . If you are interested in attending please let me know.	
I had some questions on group participation in the classes, and received the following information from LTAP: Group Participation in LTAP Virtual Class: A municipality may have a few staff participate in a virtual class together if they are meeting their municipal requirements for COVID. After the class, everyone needs to use the link to fill out the quiz and evaluation forms. The class can also be viewed through a smart phone and the forms may also be completed on a smart phone. Please have everyone register on the website that is planning on attending and completing the quiz.	
Finally, the 2020 Roadway Management Conference will be held in a virtual format instead of the on-site conference originally planned for October in Charlottesville, VA. In consideration of our lessened costs to host the conference, and the strained training budgets due to COVID-19, Registration is open and free for this year. Details, including the agenda and registration are on the RMC website , so save October 26 and 27, 2020 on your calendars.	
<u>Road Safety Audit (New 2018)</u>	Tuesday, October 13, 2020 8:00 a.m. – Noon – Register Here
Municipal officials who want to improve the overall safety of their roads will find the Road Safety Audit (RSA) is a good tool for meeting their goals. Conducted through a formal process, an RSA ends with a report and plan to improve safety for all road users. These audits can be completed quickly in the hopes of identifying potential safety issues before crashes occur. Municipalities may conduct road safety audits on existing roads and intersections or during any phase of project development, from planning and preliminary engineering through design and construction.	
<u>Traffic Calming</u>	Thursday, October 15, 2020, 8:00 a.m. – Noon – Register Here
This course introduces an engineering tool whose purpose is to address excessive traffic speed and/or cut-through traffic on residential streets. The course provides information that can help municipalities establish a rational traffic calming program for their roadways. Detailing information in PennDOT's Publication 383, Pennsylvania's Traffic Calming Handbook, the course defines traffic calming devices, outlines potential positive and negative impacts on a neighborhood, and reviews a sample traffic calming program. It also investigates related issues, such as impacts of traffic calming devices on liability, roadway maintenance, and emergency service. Participants perform case studies, applying traffic calming measures to address traffic concerns.	
<u>Managing Utility Cuts</u>	Friday, October 16, 2020, 8:00 a.m. – Noon – Register Here
This course covers the management of roadway excavations by contractors and utilities through local ordinances, permits, fees, specifications and inspection. It compares local ordinances with state procedures for state roads. It also discusses PA One Call, trenching and shoring, work zone traffic control, and liability.	
<u>Seal Coat (New 2020)</u>	Tuesday, October 20, 2020, 8:00 a.m. – Noon – Register Here
Individuals attending this course will be presented with the information necessary for the proper planning and execution of a seal coat operation. This pavement preservation technique is often used by local government agencies to extend the useful life of their roadways. The various types of seal coat operations will be included. The participants will be able to identify typical roadway distress that can be addressed by the use of a liquid bituminous seal coat. The latest materials, equipment, and techniques available for performing this operation will be presented. The process to ensure the correct aggregate and liquid bituminous material selection is achieved will be reviewed. Equipment calibration requirements and the operational sequence will be presented to assist the participants in ensuring a quality product is obtained.	
<u>Active Transportation (New 2019)</u>	Thursday, October 22, 2020, 8:00 a.m. – Noon – Register Here
The Active Transportation training course will discuss the latest research and guidelines for no motorized transportation modes. Many communities in Pennsylvania are encouraging more active transportation (walking, cycling, etc.) to enhance their community and foster healthy lifestyles. Corresponding to this encouragement of active transportation, communities are looking to develop active transportation plans to help create more facilities such as bicycle paths, sidewalks, trails, greenways, etc. This course will examine the safety and standards for these facilities, as well as how to develop an active transportation plan. The course will also highlight successful examples of local plans, practices, and policies in Pennsylvania.	
<u>Pedestrians and Crosswalks</u>	Tuesday, October 27, 2020, 8:00 a.m. – Noon – Register Here
This course is to review and understand the needs of pedestrians in the modern transportation environment. The course will review national and Pennsylvania pedestrian safety data, pedestrian mobility characteristics, and pedestrian behaviors. It will also examine federal and state guidelines for pedestrian facilities, including sidewalks, crosswalks, and other features. Finally, the course will review Federal Highway Administration and PennDOT programs to improve pedestrian safety and discuss how to implement those elements locally. Workshop activities will encourage participants to improve pedestrian safety, support walking activities in communities, determine when and how to mark crosswalks, improve the visibility of pedestrian facilities, and make physical road improvements for pedestrian safety.	
<u>Conducting Sign Retro-reflectivity</u>	Friday, October 30, 2020, 8:00 a.m. – Noon – Register Here
This course will instruct municipal staff on these requirements, reinforce the value of a useful traffic sign asset management system, and demonstrate the tools and techniques available for measuring traffic sign retroreflectivity. Further, the course will present the concepts of luminance and retroreflectivity, providing a foundation for understanding the value of certain testing and measuring methods.	
<u>Stormwater Facilities Operations and Maintenance</u>	Tuesday, November 3, 2020, 8:00 a.m. – Noon – Register Here
This course covers a variety of topics associated with the management and control of storm runoff as it relates to the establishment of local policies and ordinances, and the operation and maintenance of stormwater management facilities. The course provides an overview of the storm runoff process; a discussion of current regulatory requirements for new development as well as municipal storm sewer systems (MSS's); identifies elements of sustainable stormwater management systems and how existing municipal regulations may create barriers to responsible stormwater management; and discusses operation and maintenance of stormwater facilities.	
<u>Curves on Local Roads: Issues and Safety Tools</u>	Friday, November 6, 2020, 8:00 a.m. – Noon – Register Here
This course will provide students with information about curve safety and the application of horizontal alignment signs for curved segments of local roads. Based upon national and state standards, the course will cover: Curve Warning sign details and applications, curve warning sign placement and installation criteria, curve study components and safety. The course will focus on studies for determining the application of curve warning signs and other safety features for curves. The course will also examine other features germane to curve safety, including pavement quality, superelevation, shoulder edge drop-offs, clear zones, and fixed object hazards.	
<u>Asset Management (new course)</u>	Tuesday, November 10, 2020, 8:00 a.m. – Noon – Register Here
This course will explore the variety of asset management systems and approaches used throughout Pennsylvania and help municipal officials determine the right level of asset management for their needs. Participants will enhance their knowledge of asset management systems and their benefits to municipalities. Students will be able to understand the applications of asset management and how it can benefit your community. Examine the components of an asset management system, including inventories, assessment, and programming. Discuss which assets should be managed, including roads, bridges, signs, guide rail, drainage facilities, and others. Review examples of asset management systems from other municipalities, including the use of the latest technologies.	
<u>Unpaved Gravel Roads Common Maintenance Practices</u>	Friday, November 13, 2020, 8:00 a.m. – Noon – Register Here
Topics include the importance of good drainage, surface aggregate and dust control materials, and operational techniques. These techniques include blading, reshaping, re-graveling and dust control. Driving Surface Aggregate (DSA) specifications and use are reviewed. Factors used to determine when to upgrade a gravel road by paving or seal coating the roadway are discussed. This class does not qualify a municipality to obtain dirt and gravel road funds, but rather teaches them how to better use such funds.	