

Local Technical Assistance Program

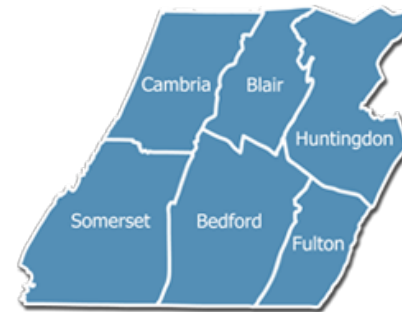
FREE Road Maintenance and Safety Training for Municipal Employees

2021 Fall Course Brochure

With course descriptions



Serving Six West-Central PA Counties



About LTAP

The Pennsylvania Local Technical Assistance Program (LTAP) was created to share transportation knowledge, improve road maintenance and safety skills, and put research and new technology into practice at the local level. The program was established to support city, borough, and township officials and their road crews.

LTAP services are provided at no cost to municipalities!

Training Courses

The Southern Alleghenies Planning and Development Commission, the Blair County Planning Commission, and the Cambria County Planning Commission partner with the PA Department of Transportation and the PA State Association of Township Supervisors every year to bring courses to the area. SAP&DC attempts to schedule courses in locations convenient for all municipalities within the region, and suggestions are always welcome.

LTAP offers a variety of half-day and full-day safety and maintenance courses taught by LTAP technical experts, who are well versed in the latest developments and technologies and have extensive experience in municipal engineering, road maintenance and safety. These courses are an excellent opportunity for local officials to learn from their peers and exchange ideas.

Additionally, classes can be requested at a specific site (such as a municipal building) as a Road Show.

Technical Assistance

In addition to Training Courses, LTAP technical experts are available by phone, email, and in-person to help municipalities troubleshoot specific maintenance and safety problems on their roadways.

Newsletter

LTAP distributes and posts on the LTAP website a quarterly newsletter that covers new programs, practices, technologies, legislation, reminders, and money-saving tips applicable to municipal maintenance and safety issues.

Technical Information Sheets

Tech sheets provide useful information on a variety of maintenance and safety issues. They are distributed to municipalities and posted on the LTAP website frequently.

Website

In addition to the newsletters and tech sheets, the LTAP website provides up-to-date information on workshops, registration, news items, names and locations of all Advisory Committee members, and links to state and federal resources.

<https://gis.penndot.gov/ltap/>



Registration



All training courses are open to municipal officials and employees.

To register for any of these courses visit:

<https://gis.penndot.gov/ltap/>

or contact:

Janice Streightiff
SAP&DC
(814) 949-6523
streightiff@sapdc.org

All registrations must be received at least ten days prior to training. Seating is limited and will be reserved on a first-come, first-served basis.

Please note that lunch will be provided for full-day courses.
Light refreshments will be provided for half-day courses.

Visit the SAP&DC website for maps of all course locations:

www.sapdc.org



1(800) FOR-LTAP
<https://gis.penndot.gov/ltap/>

Transportation Funding Opportunities

There are numerous grant opportunities aimed at improving transportation assets and improving connectivity in local communities and the region. These grant funding opportunities are available to municipalities, local government entities, and other agencies on a yearly basis. Communities in the Southern Alleghenies Region have historically been competitive and successful in receiving funding to enhance and rehabilitate their various transportation assets.



WHAT TYPE OF GRANT FUNDING IS AVAILABLE?

DCED Multimodal Transportation Fund (MTF)

- **Eligible Applicants**— Local Governments, municipalities, school districts, COGs, Businesses, Economic Development Organizations, Public Transportation Agencies, Rail/Freight Ports.
- **Project Eligibility**—Development, enhancement and/or rehabilitation of transportation assets to communities, streetscapes, lighting, sidewalk enhancement, pedestrian safety, connectivity of transportation assets, and transit-oriented development.
- **Funding Range**— \$100,000—\$3,000,000, 30% match that can be waived for municipalities.
- **Open Period**— Annual: April—July

PennDOT Multimodal Transportation Fund (MTF)

- **Eligible Applicants**— Local Governments, municipalities, school districts, COGs, Businesses, Economic Development Organizations, Public Transportation Agencies, Rail/Freight Ports.
- **Project Eligibility**— Development, enhancement and/or rehabilitation of transportation assets to communities, streetscapes, lighting, sidewalk enhancement, pedestrian safety, connectivity of transportation assets, and transit-oriented development.
- **Funding Range**— \$100,000—\$3,000,000, 30% match.
- **Open Period**— Annual: April—July.

PennDOT Transportation Alternative Set-Aside (TASA)

- **Eligible Applicants**— Local Governments, Regional Transportation Authorities, Transit Agencies, Natural Resource or Public Land Agencies, School Districts/Schools.
- **Project Eligibility**— Bike/Ped facilities, rails to trails, historic preservation/rehab of historic transportation facilities, archaeological activities, and stormwater management.
- **Funding Range**— \$50,000—\$1,000,000+
- **Open Period**— Typically every other year: 2021 Pre-applications already due

Southern Alleghenies Regional Greenways Mini-Grants

- **Eligible Applicants**— Municipalities, COGs, Conservation Districts, Land Trusts, Non-Profits, Housing/Redevelopment Authorities, Designated Heritage Areas.
- **Project Eligibility**— Trail and park development, improvements, signage, feasibility studies and master plans; Greenways development and planning.
- **Funding Range**— Up to \$30,000.
- **Open Period**— Annual: January—March.

Fall 2021 Training Courses

SEAL COAT

October 14 - 8:30 AM to 12:30 PM

PENN HIGHLANDS COMMUNITY COLLEGE
881 Hills Plaza, Ebensburg, PA 15931

ACTIVE TRANSPORTATION

October 20 - 8:00 AM to 12:00 PM

HUNTINGDON BOROUGH BUILDING
530 Washington Street, Huntingdon, PA 16652

WINTER MAINTENANCE 101

October 21 - 8:00 AM to 12:00 PM

SAP&DC
3 Sheraton Drive, Altoona, PA 16601

PROJECT OVERSIGHT

October 22 - 8:30 AM to 12:30 PM

PENN HIGHLANDS COMMUNITY COLLEGE
881 Hills Plaza, Ebensburg, PA 15931

STOP SIGNS & INTERSECTION TRAFFIC CONTROL

November 4 - 8:00 AM to 12:00 PM

LOGAN TOWNSHIP MUNICIPAL BUILDING
100 Chief Logan Circle, Altoona, PA 16602

ASPHALT ROADS COMMON MAINTENANCE PROBLEMS

November 10 - 8:00 AM to 12:00 PM

LOGAN TOWNSHIP MUNICIPAL BUILDING
100 Chief Logan Circle, Altoona, PA 16602

DRAINAGE: THE KEY TO ROADS THAT LAST

November 30 - 8:00 AM to 3:00 PM

BERLIN BOROUGH BUILDING
700 North Street, Berlin, PA 15530

ROAD SHOW

2021

Any municipality can register to host an LTAP class
providing 10 personnel register

Course Descriptions

ACTIVE TRANSPORTATION

The Active Transportation training course will discuss the latest research and guidelines for nonmotorized 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.

Intended Audience: This course is intended for local officials responsible for the planning, design, and implementation of bicycle, greenways, trails and related facilities. This includes municipal managers, elected officials, public works directors, roadmasters, and code enforcement officers.

ASPHALT ROADS COMMON MAINTENANCE PROBLEMS

This course provides relevant information to individuals who have to maintain asphalt pavements. The course material reviews the importance of preventive maintenance to the life of an asphalt pavement. The material will help the student identify common asphalt distress, the cause of the distress, and the appropriate treatments. The latest techniques, materials, and equipment will be reviewed with an emphasis on repairing the asphalt distress properly the first time. Current industry standards to properly repair problems such as cracking and potholes will be presented in detail. The basics of treatments such as seal coats, micro surfacing, and overlays will be presented. A review of the latest treatments included in Penn DOT Publication 447 Approved Products for Lower Volume Local Roads, will be covered.

Intended Audience: Individuals who are involved in the planning and execution of maintenance work on asphalt pavements, including: street superintendents, roadmasters, public works directors, foreman, and select crew members.

DRAINAGE: THEY KEY TO ROADS THAT'S LAST

This course covers the affect water has on roadways. Emphasis is on problems caused by poor drainage with discussion on various ways to handle these problems. Basic roadway drainage systems and their usage are reviewed. Industry standard procedures for replacing cross pipes are presented in detail. Regulatory agency policies and permit requirements are presented. The importance of performing routine inspection of drainage system assets is discussed with emphasis on the relationship to planning and Federal Aid reimbursement in the case of a disaster.

Intended Audience: Individuals who are involved in the planning and execution of maintenance work on asphalt pavements, including: street superintendents, roadmasters, public works directors, crew foremen, and select crew members .

PROJECT OVERSIGHT

This half-day course will provide training to help ensure local government maintenance projects are done in a manner to achieve maximum quality and longevity by providing the participants with the information needed to monitor these projects. Projects such as Liquid Bituminous Seal Coat, Asphalt Paving, Micro-Surfacing and Nova Chip require attention to detail to ensure a successful project. This course is intended to provide the participants the critical elements of these operations that need monitored so the life expectancy is achieved.

Intended Audience: Individuals responsible for performing roadway inventory and condition surveys as well as planning and programming functions such as: public works directors, street supervisors, roadmasters and crew foremen .

Course Descriptions

SEAL COAT

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.

Intended Audience: This course is intended for local government officials responsible for asset management, project planning, and inspection of seal coat projects, as well as the crews performing this work. This includes Public Works Directors, Supervisors, Road Masters, Foremen and Equipment Operators.

STOP SIGNS & INTERSECTION TRAFFIC CONTROL

Part of the LTAP's new series of courses on signing and safety, this course focuses on STOP signs and other controls that improve safety at unsignalized intersections. Beginning with reasons for effectively implementing STOP sign placement, course content will examine the components of STOP sign placement, as well as offering suggestions for accommodating uncommon challenges. In addition to STOP signs, the course will present content on other safety features often used at intersections along with signs such as pavement markings and rumble strips. The course will also offer content on common STOP intersection problems such as unwarranted STOP signs and multi-way STOP intersections. The methodology for studying an intersection to warrant STOP signs is included, along with a workshop, during which participants will be challenged with an example problem and given an opportunity to work through a study to determine the best tools for intersection safety.

WINTER MAINTENANCE 101

This course covers the basics of an effective and efficient winter maintenance program. Best Practices for winter maintenance operations will be emphasized. Topics will include an overview of the various materials available for treating the roadways, as well as the latest techniques in pre-wetting and anti-icing practices. Other topics will include spreader calibration, material application rates, basic plowing techniques and environmental awareness.

Intended Audience: All public works employees engaged in winter maintenance operations including: Street supervisors, public works directors, roadmasters, crew foremen and equipment operators.

