

For further information or to register for a class, contact Aaron Ritsig at aaronr@northwestpa.org or 814-677-4800 ext. 123

APRIL

10

POSTING & BONDING OF LOCAL ROADS

Many rural roads and urban streets were not built to carry today's heavy loads. This course reviews laws governing posting and bonding, requirements for developing and implementing a posting and bonding program, and ways to monitor a program. Participants will also examine a sample bonding agreement.

MAY

7

MAY

29

4/10 - Clarion Township Building, 17382 Rt. 322, Strattanville 8 AM - Noon

5/7 - Vernon Township Building, 16678 McMath Ave, Meadville 8 AM - Noon

5/29 - Youngsville Borough Municipal Building, 40 Railroad St., Youngsville 8 AM - Noon

APRIL

10

STOP SIGNS & INTERSECTION TRAFFIC CONTROL

This course focuses on stop signs and other controls that improve safety at unsignalized intersections. This course will cover effective implementation of stop signs, components of stop sign placement, common intersection problems such as unwarranted stop signs and multi-way stop intersections, as well as suggestions for accommodating uncommon challenges. The course will also cover additional safety features used at intersections such as pavement markings and rumble strips.

4/10 - Titusville City Office, 323 N. Franklin St, Titusville 8 AM - Noon

APRIL

11

PAVEMENT MARKINGS

The consistent application and maintenance of pavement markings are paramount to motorists' safety. This course covers all aspects of pavement markings from their purpose and intent to their installation and maintenance on roadways. Content is based on the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD) and the most current Pennsylvania Department of Transportation (PennDOT) practices, regulations and resources. Participants will discuss and learn more about materials, applications, installation, and maintenance of pavement markings.

4/11 - Titusville City Office, 323 N. Franklin St, Titusville 8 AM - Noon

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UNPAVED & GRAVEL ROADS COMMON MAINTENANCE PRACTICES

APRIL

24

This course addresses basic maintenance techniques for unpaved and gravel roads. Topics include the importance of good drainage, surface aggregate and dust control materials, and operational techniques. These techniques include blading, reshaping, regravelling, 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.

4/24 - Northwest Commission Building, 395 Seneca St., Oil City 8 AM - Noon

BRIDGE & CULVERT INSPECTION FOR MUNICIPALITIES

MAY

1

The Federal Highway Administration requires the inspection of structures over 20 feet long. This course discusses why the requirements for inspection were established and ownership responsibilities. Components and terminology required to read inspection reports of different bridges and culverts, including the approach roadway, deck, superstructure, and substructure are discussed. The course also discusses common and uncommon failure mechanisms typically encountered on smaller span structures.

5/1 - Clarion Township Building, 17382 Rt. 322, Strattanville, 8 AM - 3 PM, Lunch Provided

DRAINAGE: THE KEY TO ROADS THAT LAST

MAY

6

This course covers the effect of water on roadways, emphasizing problems caused by poor drainage with discussion on various ways to handle these problems. Basic roadway drainage systems and their usage are reviewed, as are detailed industry standard procedures for replacing cross pipes. 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.

5/6 - Northwest Commission Building, 395 Seneca St., Oil City 8 AM - 3 PM, Lunch Provided

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ROADSIDE VEGETATION CONTROL

MAY

8

JUNE

10

This course provides the knowledge and understanding needed to establish an efficient and effective roadside vegetation control program. It is based on the concept of an Integrated Vegetation Management philosophy that utilizes manual, mechanical, and chemical control methods to manage roadside vegetation. It also reviews laws and regulations regarding required applicator certification. This course has been approved by the Pa. Department of Agriculture for Continuing Education Unit credits for those who have received pesticide applicator certification.

5/8 - Vernon Township Building, 16678 McMath Ave, Meadville 8 AM - 3 PM, Lunch Provided

6/10 - Hermitage City Hall, 800 N Hermitage Rd, 8 AM - 3 PM, Lunch Provided

ASPHALT ROADS: COMMON MAINTENANCE PROBLEMS

MAY

22

This course provides relevant information to individuals who maintain asphalt pavements. The course material reviews the importance of preventive maintenance to the life of an asphalt pavement as well as 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, as well as the basics of treatments such as seal coats, micro surfacing, and overlays. A review of the latest treatments included in PennDOT Publication 447 Approved Products for Lower Volume Local Roads, will be covered.

5/22 - Vernon Township Building, 16678 McMath Ave, Meadville 8 AM - Noon

PRINCIPLES OF PAVING

MAY

27

This course is for employees who are involved in the planning, inspecting, and placement of asphalt paving operations. The course will provide the information needed to properly plan and monitor an asphalt paving project. Basic knowledge of asphalt materials and construction specifications will be provided based on national and state guidelines. The importance of proper roadway preparation to obtain a long-lasting product will be discussed followed by a basic discussion of the delivery, placement, and compaction process in paving operations.

5/27 - Fairview Township Building, 7471 McCray Road, Fairview 8 AM - 3 PM, Lunch Provided