Tribal Technical Assistance Program

Vancouver, WA
Instructor: Scott Johnson

Cost: **FREE**

Western Federal Lands Highway Division 610 E 5th St, Vancouver, WA 98661

TTAP Maintenance & Operations Training - May 7-10, 2019

☐ MAY 7 | 8:30 - 12:00 "WORK ZONE SAFETY"

Each year thousands of people will die in work zone related accidents. This 3.5-hour Work Zone Safety class will teach students how to enhance safety and operational efficiency in highway work zones to make our roads a safer place. Students will gain knowledge about best practices on ways to design and maintain highway work zones that improve safety for workers and drivers. The training will also include the proper application of devices and practical exercises to plan, set up, operate, and remove work zone safety devices. This highly interactive class combines lecture with group discussions, case studies, and group activities.

☐ MAY 7 | 1:00 - 4:30 "TEMPORARY TRAFFIC CONTROL"

Working next to traffic is dangerous and errors can cause accidents, so it is important for personnel installing temporary traffic control measures to possess a solid understanding of their roles and how they can help prevent accidents. In this 3.5-hour Temporary Traffic Control class students will learn the key elements required for temporary traffic control. We will review fundamental principles of temporary traffic control, the importance of safety, and traffic control setup plans. We also review some of the guidelines stated in the Manual on Uniform Traffic Control Devices (MUTCD) using more simplified, easy to understand terminology. This interactive class combines lecture with group discussions, case studies, and group activities.

☐ MAY 8 | 8:30 - 12:00 "GRAVEL ROAD MAINTENANCE AND DESIGN"

There are approximately over 1.6 million miles of unpaved roads in the United States. Cities, counties and tribal nations share a common goal and that is the desire to design safe, long-lasting roads. In this 3.5-hour Gravel Road Maintenance and Design class, supervisors and operators will gain a better understanding of the materials, techniques, and equipment needed for maintaining gravel roads. Participants will learn details about road design from construction to reshaping as well as recognizing the necessity of proper drainage. We will also describe many aspects of road maintenance from the grading process to material replacement. This highly interactive class combines lecture with group discussions, case studies, and group activities.

☐ MAY 8 | 1:00 - 4:30 "SOIL STABILIZATION AND DUST ABATEMENT"

Unpaved roads released approximately 11 million tons of particulate matter into the atmosphere in the United States in 2014 (EPA). This 3.5-hour Stabilization and Dust Abatement class provides attendees with an overview of dust control requirements and current strategies for preventing, mitigating and controlling dust on roads. Students will learn the effects that vegetation removal, wind and mechanical movement of soil has on roads. Learners will get a general understanding of soil modification methods for improving construction operations and the characteristics, advantages and limitations of soil stabilization methods. This interactive class combines lecture with group discussions, case studies, and group activities.

www.ttap-center.org
scott.ttap@virginia.edu
903-574-8329

Turn for more classes and registration information

☐ MAY 9 | 8:30 - 12:00 "INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES"

This 3.5-hour class will review the installation and maintenance of erosion and sediment control devices. Participants will become familiar with temporary erosion and sediment control devices and basic procedures for proper installation. The proper purpose and function of each device, including the required material, maintenance and typical problems, will be reviewed. Participants will gain a general understanding of storm water pollution problems and the components of a storm water pollution prevention plan. This highly interactive class combines lecture with group discussion, case studies, and group exercise.

☐ MAY 9 | 1:00 - 4:30 "PIPE INSTALLATION AND MAINTENANCE"

As budgets for drainage structure replacements are decreased, the importance of proper culvert installation and maintenance increases. Any organization capable of properly installing and maintaining storm drainage pipe provides a valuable service to the citizens they support. In this 3.5-hour Pipe Installation and Maintenance class we will review the proper installation and maintenance practices of storm drainage pipe. Students will review current industry standards for both flexible and rigid pipe options. Students will discuss effective practices that prevent damaging culverts during installation. This interactive class combines lecture with group discussion, group exercises and case studies.

☐ MAY 10 | 8:30 - 12:00 "PAVEMENT PRESERVATION STRATEGIES"

This 3.5-hour class provides students basic pavement preservation concepts. The training will guide and assist maintenance personnel in making better and more informed decisions in selecting and applying various maintenance treatments. We will review materials, micro surfacing, slurry seals, and seal coats. Students will also learn techniques for applying and compacting Ultra-Thin Friction Course. Learners will gain overall knowledge on a full range of preventive maintenance techniques and strategies to preserve their roads.

☐ MAY 10 | 1:00 - 4:30 "ROADSIDE MAINTENANCE"

In this 3.5-hour Roadside Maintenance class participants will gain the fundamentals of roadside maintenance. Class topics include the importance of vegetation management, types of roadside slopes, ditch hazards, objects in clear zones, how to select roadside barrier systems, and best practices for properly maintaining your roadsides. Students will learn how to identify safety concerns when maintaining roadside signage. This interactive class combines lecture with group discussions, case studies, and group activities.

To register: Check beside the classes you would like to attend. Email this form to Scott Johnson at scott.ttap@virginia.edu or call 833-484-9944 or visit ttap.enrollware.com.

Name _____ **Phone** _____

Email _____ **Tribe** _____