



Tribal Technical Assistance Program

Hampton Inn Fairbanks

433 Harold Bentley Ave

FAIRBANKS, AK 99701

Instructor: Scott Johnson

TTAP Maintenance and Operations Expert

Cost: **Free**

DECEMBER 11 | 8:30 – 12:00 “WORK ZONE SAFETY”

Each year, thousands of people die in work zone related accidents. This 3.5-hour Work Zone Safety training class teaches participants how to enhance safety and operational efficiency in highway work zones to make tribal roads safer. Participants will gain knowledge about best practices on ways to design and maintain highway work zones that improve safety for workers and drivers. The training includes 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 discussion, case studies, and group exercises.

DECEMBER 11 | 1:00 – 4:30 “TEMPORARY TRAFFIC CONTROL”

Working in traffic is dangerous and errors can cause accidents. It is important for personnel installing temporary traffic control measures to possess a solid understanding of their role and how they can help prevent accidents. In this 3.5-hour Temporary Traffic Control class, participants will learn the key elements required for temporary traffic control. Fundamental principles of temporary traffic control, the importance of safety, and traffic control setup plans will be reviewed. Guidelines stated in the Manual on Uniform Traffic Control Devices (MUTCD) will also be reviewed, using more simplified, easy to understand terminology.

DECEMBER 12 | 8:30 – 12:00 “GRAVEL ROAD MAINTENANCE AND DESIGN”

There are approximately 1.6 million miles of unpaved roads in the United States. In this 3.5-hour Gravel Road Maintenance and Design training 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. Many aspects of road maintenance, from the grading process to material replacement, will be discussed.

DECEMBER 12 | 1:00 – 4:30 “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 class provides participants with an overview of dust control requirements and current strategies for preventing, mitigating and controlling dust on roads. Participants will gain a general understanding of soil modification methods for improving construction operations and the characteristics, advantages and limitations of soil stabilization methods.

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DECEMBER 13 | 8:30 – 12:00 “INSTALLATION & MAINTENANCE OF EROSION CONTROL DEVICES”

This class reviews 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 their 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.

DECEMBER 13 | 1:00 – 4:30 “PIPE INSTALLATION AND MAINTENANCE”

As budgets for drainage structure replacements decrease, the importance of proper culvert installation increases. A transportation organization capable of properly installing and maintaining storm drainage pipe provides a valuable service. Proper installation and maintenance practices will be reviewed, per current industry standards for both flexible and rigid pipe options. Group discussion will focus on effective practices to prevent damaging culverts during installation.

DECEMBER 14 | 8:30 – 12:00 “PAVEMENT PRESERVATION PRACTICES”

This class provides basic pavement preservation concepts, guiding maintenance personnel in making better and more informed decisions in selecting and applying various maintenance treatments. Materials, micro surfacing, slurry seals, and seal coats will be reviewed. Participants will learn techniques for applying and compacting Ultra-Thin Friction Course and gain overall knowledge on preventive maintenance techniques to preserve tribal roads.

DECEMBER 14 | 1:00 – 4:30 “ROADSIDE MAINTENANCE”

This class provides an overview of the fundamentals of roadside maintenance. It is intended for tribal road supervisors and maintenance level personnel in rural areas and small urban communities who have responsibility for the operation and management of local roads. Class topics will 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 roadsides.

TTAP brings transportation training your way. This highly interactive training combines lecture with group discussions and practical exercises.

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| <input type="checkbox"/> Work Zone Safety | <input type="checkbox"/> Installation and Maintenance of ECD |
| <input type="checkbox"/> Temporary Traffic Control | <input type="checkbox"/> Pipe Installation and Maintenance |
| <input type="checkbox"/> Gravel Road Maintenance and Design | <input type="checkbox"/> Pavement Preservation Practices |
| <input type="checkbox"/> Stabilization and Dust Abatement | <input type="checkbox"/> Roadside Maintenance |

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** _____