

Modern Chip Seal Techniques

Wed, April 20, 2016 (#02569CN)
Snohomish

Snohomish County Operations Center
Building A, First Floor Meeting Room
8915 Cathart Way, Snohomish WA 98296
Ph. 425-388-7500*

Thurs, April 21, 2016 (#02570CN)
Olympia Area (Tumwater)

WSDOT Materials Lab- Crimson Conf. Room
1655 S. 2nd Ave SW, Tumwater WA 98512
Ph. 360-709-5400*

(*The phone numbers above may be used in case of emergency to contact a student in a class.)

Cost: \$100

Time: 9:00am to 4:00pm

Maximum Class Size: 40

Target Audience

Supervisors, lead workers and key employees on chip seal crews. This course may also be of interest to some engineers and inspectors on chip seal projects.

Course Description

Chip seal is a cost effective and long lasting maintenance strategy for a wide variety of roads and conditions. However, failure to pay careful attention to the many details frequently leads to a disaster. It severely damages the agency's public image and can necessitate repairs that cost many times as much as the original chip seal. Most of the disasters are caused by bad judgment, questionable workmanship and inferior aggregates. To achieve consistently good chip seals, one must pay attention to every detail.

The course will cover these topics and more:

- **What you need to know about asphalt chemistry**
- **What chip sealing will and will not do for a road**
- **The importance of proper road preparations**
- **What preparation work is important**
- **Why chip seal aggregates are so important**
- **Design the chip seal for long life and public acceptance**
What you need to know if you are directing chip seal work- Planning and scheduling and directing the work; Achieving production; Getting a quality job at a reasonable cost; Material delivery scheduling; Public relations; Risk management; Traffic control.
- **Equipment preparation, calibration and maintenance for a successful season**
Constructing a chip seal- Stock pile management, trucking, asphalt application, chip application, rolling and Clean up.
- **The importance of weather conditions**
- **Cost management**



Instructor

Phil Barto P.E., Fleet Engineering, LLC. Mr. Barto is a maintenance and management consultant who has presented many training courses. Phil has a strong background in highway and heavy construction, as well as 23 years of experience as the Spokane County Road Maintenance and Operations Engineer, where he was noted for his practical approach to maintenance and construction work.

Class Registration

Please register online: [WSDOT LTAP Online Registration Form](#).

There is a registration fee for this class. Invoices and confirmation notices will be emailed 2-3 weeks prior to the class from LTAPTraining@wsdot.wa.gov . If you are unable to attend, someone else from your agency may attend in your place.

Questions

For information on course content: Phil Barto at BARTOFLEET@aol.com or Ph.509-466-9408.

For all other information on this training, registration assistance or cancellations:
Contact the LTAP Center at LTAPTraining@wsdot.wa.gov, or Ph.360-705-7355.

Disability accommodations provided upon request.

Visit Washington State LTAP Center's Web Page:

<http://www.wsdot.wa.gov/localprograms/ltap/>