

49<sup>TH</sup> ANNUAL  
**Road &  
Street**  
MAINTENANCE  
SUPERVISORS'  
CONFERENCE

November 7–9, 2011\*  
Yakima Convention Center  
Yakima, WA

\*Includes Traffic  
Solutions Workshop  
Tuesday, November 8

Sponsored By



CONFERENCE MANAGEMENT

[cm.wsu.edu/rs](http://cm.wsu.edu/rs)

## Thanks

On behalf of the Road & Street Maintenance Supervisors' Conference Committee, we gratefully acknowledge and appreciate the efforts of our chair:

### **Bruce Wagner**

Pierce County Public Works & Utilities

The following conference committees have also volunteered their time and efforts to bring together a group of fine, qualified speakers.

### **Road & Street Conference Planning Committee**

Rico Baroga, WSDOT

Jeff Dobson, Roadwise, Inc.

Howard Hamby, Spokane County

Jim Henderson, WSDOT

Tom Lenberg, WSDOT

Tracy Martinson, National Barricade

Larry Pearson, CRAB

Rick Rawlings, Lakeside Industries/EZ Street

Paul Simonsen

Randall Terry, Clallam County

Jay Wilson, WSDOT

### **Traffic Solutions Planning Committee**

Don Petersen, FHWA

Jim Ellison, Consulting Traffic Engineer

Rick Mowlds, WSDOT

Rick Butner, Pierce County

Frank Newboles, WSDOT

## Conference Objectives

- ◆ Present up-to-date methods and techniques for the maintenance and repair of streets, roads, highways, and bridges,
- ◆ Describe management concepts and practices for equipment and personnel involved in maintenance tasks and responsibilities,
- ◆ Offer technical information for discussion,
- ◆ Provide an opportunity to share solutions to common problems.

## Who Should Attend

- ◆ Supervisors in city, county, state and federal agency road or street departments.
- ◆ Superintendents, area foremen, lead technicians
- ◆ Equipment operators, crew leaders, maintenance specialists, dispatchers, and operations managers.
- ◆ Suppliers and contractors for the public works market.

## Registration & Refunds

The \$359 early Road & Street registration fee—due **October 7**—includes attendance at all sessions, lunches, break refreshments, socials, door prize drawings, and all conference handouts.

Three easy ways to register:

- ◆ Mail the attached form with your payment.
- ◆ E-mail your registration with payment information to [ehoug@wsu.edu](mailto:ehoug@wsu.edu).
- ◆ Online registration: [cm.wsu.edu/rs](http://cm.wsu.edu/rs).

Please register early! If your plans change after registering and you cannot attend, e-mail ([ehoug@wsu.edu](mailto:ehoug@wsu.edu)) cancellation request. All cancellations must be received in writing by **October 27 to receive a full refund**. If you register and do not cancel before the deadline, your registration fee remains payable as charged. You can also e-mail ([ehoug@wsu.edu](mailto:ehoug@wsu.edu)) your substitution at any time.

Accommodations for individuals who qualify under the Americans with Disabilities Act are available upon request (contact us **at least 10 days** before the event). Washington State University employment and programs are available to all without discrimination.



*Photo by Glenn Pebley* [www.sxc.hu/profile/GlennPeb](http://www.sxc.hu/profile/GlennPeb)

## Continuing Education Units

**IMSA CEU Units:** WSU Road & Street Maintenance Supervisors Conference will award 1.5 CEUs to each participant who successfully completes the Traffic Solutions Workshop. The CEU is a nationally recognized unit designed to provide a record of an individual's continuing education accomplishments. Upon written request, a transcript of this record will be made available as designated by the participant. The cost to obtain IMSA CEUs is \$10 with your registration fee.

1.8 Continuing Education Units (CEUs) may be earned by those completing the conference. An additional 0.8 CEUs may be earned by attending the Traffic Solutions Workshop. To receive CEUs, pay the \$10 fee with your registration, obtain a CEU enrollment form from the conference desk upon arrival, complete it before the conference starts, and attend at least 80% of the conference. CEUs are nationally recognized units of achievement that may be used as evidence of professional development and for job advancement. Contact WSU Conference Management at 800-942-4978 or 509-335-3530 for an official copy of your CEU transcript.

## Monday November 7

9:00 to 12:00 pm Vendor Breakfast Social/  
Outdoor Equipment

12:00 to 1:00 pm Luncheon

### Keynote: Are You Prepared?

1:00 to 2:30 pm Deputy Chief David Karnitz  
Washington State Patrol

Personal safety, situational awareness,  
and communications.

 Jay Wells, WSDOT  
Bruce Wagner, Pierce County

2:30 to 3:00 pm Break

### Session 1: Vendor Presentations & Equipment Demos

 Jay Dobson, Roadwise, Inc.

3:00 to 4:30 pm Exhibitor Showcase  
Participating Conference Vendors

Each participating vendor will have 15  
minutes to discuss new products and/or  
developments. (Not a sales pitch! Limit  
of five vendors.)

### Session 2: Round Table Discussions

 Larry Pearson, CRAB

3:00 to 4:30 pm Safety Programs, Appraisals,  
and Employee Mentoring


Tom Lenberg, WSDOT  
Jim Henderson, WSDOT  
Wayne Frudd, Yakima County

Moderators will lead group discussion on  
topics and potential problem solution.

4:30 to 6:30 pm Vendor-hosted Social

## Tuesday AM November 8

### Session 3: Management Tools


 Jim Henderson, WSDOT  
Tom Lenberg, WSDOT

8:00 to 9:30 am **Delivering Maintenance in Today's Environment**  
Todd Trepanier, WSDOT

Have you found yourself asking what is being expected of state employees and is it possible? You are not alone. This session will touch on and tie together the topics of:

- ◆ How you can be successful with limited resources and the need to follow current expectations of strong direction,
- ◆ What the department, your supervisor, and your crew are looking for,
- ◆ How you can be a success in fulfilling both the department's mission and local needs,
- ◆ Dealing with change you like and those you don't,
- ◆ With all the pressure, don't forget personal health, attitude, and the need to be like Captain Kirk.

### Session 4: Asphalt

 Bruce Wagner, Pierce County  
Randy Terry, Clallam County

8:00 to 9:00 am **Chip Seals, Pavement Preservation With Tight Budgets**  
Tom Doolittle, Doolittle Construction

Utilizing private sector contractors to complete your chip seal work.

9:00 to 9:30 am **Theodore Stout, Wright Asphalt**  
The advantages of rubberized chip seals using pre-coated aggregates.

## Tuesday AM (cont'd.) November 8

9:30 to Break  
10:00 am

### Session 5: Tort Liability & Asset Tracking

 Jay Wilson, WSDOT  
Howard Hamby, Spokane County

10:00 to Risk Management/Tort Liability  
11:30 am John Milton, WSDOT


Protecting yourself/agency from liability. Documentation, why do it?

#### Chip Seals, Pavement Preservation With Tight Budgets

Tom Doolittle, Doolittle Construction

The advantages of using private contractor chip seals to complement your pavement preservation program.

### Session 6: Asphalt

 Bruce Wagner, Pierce County  
Randy Terry, Clallam County

10:00 to Chip Seals, Pavement Preservation  
11:30 am With Tight Budgets

Theodore Stout, Wright Asphalt

The advantages of rubberized chip seals using pre-coated aggregates.

Steve Vandebogert, Western Asphalt

Choosing the right chip seal emulsion to extend pavement life. The advantages of fog seals.

11:30 to Luncheon  
12:30 pm

## Tuesday PM November 8

### Session 7: Stormwater Management

 Rico Baroga, WSDOT

12:30 to 2:00 pm **NPDES Stormwater Permit Implementation**


Rico Baroga, WSDOT

Jeff Rudolph, Pierce County

Bill Moore, WA Department of Ecology

This session will cover issues related to road maintenance compliance with NPDES stormwater permits issued by the Washington State Department of Ecology.

### Session 8: Work Zone Safety


 Rick Rawlings, Lakeside Industries  
Larry Pearson, CRAB

12:30 to 2:00 pm **Road Maintenance & Asset Management**  
Bruce Wagner, Pierce County

Utilizing an Asset Management strategy to meet maintenance and preservation needs when budgets are tight. Will discuss Asset Management system components, field assessment options, database management process, and integration with Maintenance Management systems.

2:00 to 2:30 pm **Break**

### Session 9: Personnel

 Bruce Wagner, Pierce County  
Howard Hamby, Spokane County

2:30 to 4:00 pm **Personnel Issues**  
Colleen Chapin, Yakima County  
Cheryl Ann Mattia, Yakima County (inv.)

Dealing with personnel on the job.






## Tuesday PM (cont'd.)

November 8

### Session 10: Snow & Ice - Ice Prevention

 Paul Simonsen  
Tom Lenberg, WSDOT

2:30 to 4:00 pm **Snowfighting Techniques: What Tools Are In Your Toolbox?**

Paul Simonsen  
Monty Mills, WSDOT

Snowfighting East vs. West, cities & counties approach.

**Permeable Concrete Design & Construction**

Andrew Marks, Puget Sound Concrete Specification Council

4:00 **Adjourn for the Day**

## Traffic Solutions Workshop Schedule

### Tuesday Morning

November 8

 Don Petersen, FHWA


8:00 to 9:30 am **Asset Management for Signs and Markings**  
Rick Butner, Pierce County  
**Latest Developments in the MUTCD**  
Rick Mowlds, WSDOT

9:30 to 10:00 am **Break**

10:00 to 11:30 am **How to Handle an Unexpected L&I Inspection of Your Job Site**  
Randy Weaver, Department of Labor & Industries  
**Latest Update of the State Work Zone Traffic Control Guidelines**  
Frank Newboles, WSDOT

### Tuesday Afternoon

November 8

 Jim Ellison, Consulting Traffic Engineer

12:30 to 2:00 pm **Target Zero: Toward Zero Deaths in Washington State**  
Lowell Porter, Washington Traffic Safety Commission  
**The New Local Rural Road Owners Manual**  
Don Petersen, FHWA

2:00 to 2:30 pm **Break**

2:30 to 4:00 pm **Traffic Maintenance & Operations Round Table Discussion**  
George Dudley, King County  
John Kaster, Kitsap County  
Steve Martin, Pierce County  
**Hot Topics in Traffic**  
Jim Ellison, Consulting Traffic Engineer


4:00 pm **Adjourn**



## Wednesday

November 9

### Session II: Snow & Ice Panel

 Paul Simonsen

8:00 to      **The ABCs of Winter Operations**

9:30 am      **Paul Simonsen**

**Monty Mills, WSDOT**

**Tom Lenberg, WSDOT**

Interactive panel session. Come get answers from winter operations professionals. Audience participation required!

## Wednesday PM (cont'd.) November 9

### Session 12: 410 Slide / I-90 Project

 Tom Lenberg, WSDOT

9:30 to 11:00 am I-90 Snoqualmie Pass East Project  
Don Whitehouse, WSDOT

Interstate 90 (I-90) spans 300 miles from the Port of Seattle in Washington State to the Idaho state line, then continues east across the United States to Boston, Massachusetts. As the main East-West transportation corridor across the state, I-90 is the critical link connecting western Washington's large population centers, businesses, and ports with the rural communities, agricultural industries, and opportunities of eastern Washington. Safe and reliable travel over I-90 is essential to the economic vitality and livability of our state.

The planned improvements for the first five-mile project include:

- ◆ Removing and replacing deteriorated concrete pavement;
- ◆ Expanding the current lane configuration to six lanes from four lanes to increase capacity;
- ◆ Stabilizing unstable rock slopes to improve safety;
- ◆ Realigning sharp curves to increase sight distance to improve safety;
- ◆ Building a new, more efficient snowshed to prevent avalanches from reaching the roadway and minimize road closures due to avalanche;
- ◆ Expanding the chain-up/chain-off areas for passenger and freight vehicles; and
- ◆ Constructing larger bridges and culverts to facilitate movement of people and wildlife, restore stream flows, and balance sensitive ecosystems.

Project improvements of the first five-miles are scheduled for completion in 2017.

## Accommodations

Please make reservations directly with one of our conference preferred hotels.

### Holiday Inn

Reserve your room **by October 7** and mention the **WSU Road & Street Conference** to receive the special conference rate of \$81.00 single/double.

802 East Yakima Avenue  
Yakima Washington 98901  
509-494-7000

### Red Lion

Reserve your room **by October 7** and mention the **WSU Road & Street Conference** to receive the special conference rate of \$81.00 single/double.

607 East Yakima Avenue  
Yakima WA 98901  
509-248-5900

## Vendors

During the sessions, displays of recent products and services for public works activities will be available on indoor tabletops, and outdoors for heavy equipment. Please register early. The \$559 exhibitor fee is due **by October 7**; after **October 7** it is \$599. The fee includes one 8 foot × 10 foot booth area with table and registration for one person for the conference and meals. All vendors can set up beginning **November 6<sup>th</sup>** and at **2:00 p.m.** (General attendees register at **7:00 a.m.** the day of the conference.) Additional personnel from your company are welcome to attend your display for an additional fee of \$100 per person. Washington State University does not endorse commercial companies or their products. Company names appear in the program for information only.



## Plan Ahead!

October 9–11, 2012

Yakima Convention Center  
Yakima, Washington

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