49th Annual
Road & Street Maintenance Supervisors’ Conference

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

*Includes Traffic Solutions Workshop
Tuesday, November 8

Sponsored By
Washington State University
Conference Management
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.
- Online registration: cm.wsu.edu/rs.

Please register early! If your plans change after registering and you cannot attend, e-mail (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) 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.
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
3:00 to 4:30 pm
Jay Dobson, Roadwise, Inc.
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

November 7–9, 2011
Yakima Convention Center
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 10:00 am  Break

Session 5: Tort Liability & Asset Tracking

Jay Wilson, WSDOT
Howard Hamby, Spokane County

10:00 to 11:30 am  Risk Management/Tort Liability
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 11:30 am  Chip Seals, Pavement Preservation
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 12:30 pm  Luncheon
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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00 to 9:30 am</td>
<td>Asset Management for Signs and Markings</td>
</tr>
<tr>
<td></td>
<td><a href="#">Rick Butner</a>, Pierce County</td>
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<td>Latest Developments in the MUTCD</td>
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<td><a href="#">Rick Mowlds</a>, WSDOT</td>
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<td></td>
<td>Break</td>
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<tr>
<td>10:00 to 11:30 am</td>
<td>How to Handle an Unexpected L&amp;I Inspection of Your Job Site</td>
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<td><a href="#">Randy Weaver</a>, Department of Labor &amp; Industries</td>
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<td>Latest Update of the State Work Zone Traffic Control Guidelines</td>
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<td><a href="#">Frank Newboles</a>, WSDOT</td>
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## Tuesday Afternoon  November 8

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>12:30 to 2:00 pm</td>
<td>Target Zero: Toward Zero Deaths in Washington State</td>
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<td>The New Local Rural Road Owners Manual</td>
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<td><a href="#">Don Petersen</a>, FHWA</td>
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<td></td>
<td>Break</td>
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<tr>
<td>2:30 to 4:00 pm</td>
<td>Traffic Maintenance &amp; Operations Round Table Discussion</td>
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<td><a href="#">George Dudley</a>, King County</td>
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<td><a href="#">John Kaster</a>, Kitsap County</td>
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<td></td>
<td><a href="#">Steve Martin</a>, Pierce County</td>
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<td>Hot Topics in Traffic</td>
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<td></td>
<td><a href="#">Jim Ellison</a>, Consulting Traffic Engineer</td>
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<tr>
<td>4:00 pm</td>
<td>Adjourn</td>
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Wednesday
November 9

Session 11: Snow & Ice Panel
Paul Simonsen

8:00 to 9:30 am

The ABCs of Winter Operations
Paul Simonsen
Monty Mills, WSDOT
Tom Lenberg, WSDOT

Interactive panel session. Come get answers from winter operations professionals. Audience participation required!
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 6th 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

cm.wsu.edu/rs
Cancellations must be received by October 27th to receive a full refund. Substitutions are welcomed at any time. No-shows are subject to full registration fee.

**Three easy ways to register:**
- **Mail** this form with your payment to:
  WSU Conference Management  
  PO Box 645222  
  Pullman, WA 99164-5222,
- **E-mail** your registration with payment information to ehoug@wsu.edu
- **Online** registration: cm.wsu.edu/rs.

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<th>Early Postmarked by 10/7</th>
<th>Regular Postmarked after 10/7</th>
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<tbody>
<tr>
<td>Road &amp; Street + Traffic Solutions</td>
<td>$359</td>
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<td>Traffic Solutions Only</td>
<td>$109</td>
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<td>CEUs for Road &amp; Street</td>
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<tr>
<td>CEUs for Traffic Solutions</td>
<td>$10</td>
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<td>IMSA CEUs for Traffic Solutions</td>
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<th>Register online at cm.wsu.edu/rs.</th>
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**Total Payment Amount**

- **Check enclosed**
- **Payable to:** Washington State University  
  PO Box 645222, Pullman, WA 99164-5222

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<th>Expiration Date</th>
<th>CVV#</th>
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*Payment must be received prior to the conference start date. If payment is not received prior, the registered attendee/vendor will not be admitted to the conference.*