

**AASHTO 2008 Joint Meeting
Subcommittee on Maintenance
Standing Committee on Environment
Subcommittee on Asset Management
Monterey, California**

Sunday, July 13, 2008

9:00 am - Noon	Center Advisory Board Meeting Marriott Hotel, San Francisco Room
10:00 am - 5:30 pm	Conference Registration and Exhibitor Set-Up Marriott Hotel, San Carlos Foyer
Noon - 7:00 pm	Equipment Presentation – Balsi Beam – Worker Protection Device Monterey Conference Center, Ground Floor, Street Area
12:30 - 5:00 pm	Subcommittee on Asset Management - Business Meeting Marriott Hotel, Santa Monica Room <i>This meeting is open to guests.</i>
1:00 - 5:00 pm	Subcommittee on Maintenance - Leadership Team Meeting Marriott Hotel, Los Angeles Room <i>This meeting is open to AASHTO Officers, Highway Subcommittee on Maintenance Officers and other invited guests.</i>
2:00 - 4:00 pm	Standing Committee on Environment - Steering Committee Meeting Marriott Hotel, San Francisco Room
5:30 - 9:00 pm	Welcome Reception State Best Practices Poster Session Marriott Hotel, Ferrante’s Bay View Room

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Monday, July 14, 2008

- 7:00 am - 5:00 pm** **Equipment Presentation – Balsi Beam – Worker Protection Device**
Monterey Conference Center, Ground Floor, Street Area
- 7:00 am - 5:00 pm** **Conference Registration**
Marriott Hotel, San Carlos Foyer
- 7:00 am - 5:00 pm** **Exhibits**
- 7:00 - 8:30 am* *Breakfast - Marriott Hotel, San Carlos Rooms 3 & 4*
- 8:00 - 9:00 am** **Joint General Session**
Monterey Conference Center, Serra 2
- Moderator: John Horsley, Executive Director, AASHTO
- Speakers Randell Iwasaki, Chief Deputy Director, Caltrans
Rick Johnson, President, Old Monterey Business Assn.
Matthew Garrett, Director, Oregon DOT
Carlos Braceras, Deputy Director, Utah DOT
Kirk Steudle, Director, Michigan DOT
- 9:00 - 10:00 am** **National Surface Transportation Policy and Revenue Study Commission Report and
Transportation Authorization (NSTPRS)**
- Moderator: Steve Takigawa, Chief, Division of Maintenance, Caltrans
- Speakers: [Steve Heminger, NSTPRS](#)
[John Horsley, Executive Director, AASHTO](#)
- 10:00 am* *Break - Marriott Hotel, San Carlos Rooms 3 & 4*
- 10:15 - 10:30 am** **Center for Environmental Excellence Update**
Monterey Conference Center, Serra 2
- Presenter: [Shannon Eggleston, Director,](#)
Center for Environmental Excellence, AASHTO

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Monday, July 14, 2008 continued

10:30 am - Noon

**Sustainability in Energy and Climate Change
Monterey Conference Center, Serra 2**

Moderator: Jay Norvell, Chief, Division of Environmental Analysis, Caltrans

Panelists: [John Horsley, Executive Director, AASHTO](#)
[Cindy Burbank, Nat'l Planning & Environmental Practice Leader,
PB Americas, Inc.](#)
[April Marchese, Director, Office of Natural and Human Resources, FHWA](#)
[Randell Iwasaki, Chief Deputy Director, Caltrans](#)

Overview:

This session will highlight the state, national, and international perspectives on climate change science and policy and what it means to state DOTs. Current activities at the state and federal level including potential strategies for proactively addressing climate change will be presented.

Noon - 1:00 pm

Lunch – Marriott Hotel, San Carlos 3 & 4

1:00 pm - 5:00 pm

**Standing Committee on Environment General Session
Monterey Conference Center, Serra 2**

Transportation Authorization

Moderator: [Tim Hill, Administrator Environmental Services, Ohio DOT](#)

Panelists: [Janet Oakley, Director, Policy & Government Relations, AASHTO](#)
Tony Kane, Director, Engineering & Technical Services, AASHTO
Fred Skaer, Director, National Environmental Policy Act Facilitation
April Marchese, Director, Natural & Human Resources, FHWA

Overview:

This session will provide an overview of the National Surface Transportation Policy and Revenue Study Commission Report recommendations as they relate to environmental matters: “Authorization” policies adopted by the AASHTO Board at its May Spring meeting; and draft policies which will be presented to the Board at the annual meeting in October. Specific attention will be paid to the following issues: Energy, climate change, program & project development and delivery & performance measures. FHWA will provide their perspective and thoughts on these “Authorization” and legislative issues.

Following this overview, the group will break out into discussion groups based on the following topics:

- Sustainability, energy and climate change
- Project and program development and delivery
- Performance measures

**AASHTO 2008 Joint Meeting
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Monday, July 14, 2008 continued

1:00 - 5:00 pm **Asset Management – Inventory and Conditions Assessment of
Other Asset Classes - Peer Exchange
Marriott Hotel, Santa Monica Room**

Presenter: Peter Plumeau, Consultant, RSG, Inc.
*Session participants will be by invitation only.
Conference attendees are invited to observe.*

1:00 - 2:30 pm **Subcommittee on Maintenance - Task Force Meetings**

Pavements - [Eric Pitts, Georgia DOT](#)
[Abstracts of Potential Interest to Pavements Task Force – Abstract Title
List](#)
[Polymer Modified Emulsions Technology Development Study
FHWA Update](#)
Monterey Conference Center, Ferrante 1

Bridges - Peter Weykamp, New York DOT
Monterey Conference Center, Ferrante 2

Snow & Ice - Bill Hoffman, Nevada DOT
Monterey Conference Center, Ferrante 3

Roadside/Environment - Mark McConnell, Mississippi DOT
Monterey Conference Center, Colton 1

Overview:

These are concurrent breakout sessions for the members of the Subcommittee on Maintenance Task Forces in the morning and Focus Groups in the afternoon. The sessions are informal group discussions on agenda topics prepared and moderated by the chairperson of each Task Force/Focus Group.

2:30 - 3:00 pm *Break - Marriott - San Carlos Rooms 3 & 4*

3:00 - 5:00 pm **Subcommittee on Maintenance Focus Group Meetings**

Contract Maintenance - Jim Carney, Missouri DOT
Monterey Conference Center, Ferrante 1

Performance Measures - Jennifer Brandenburg, North Carolina DOT
Monterey Conference Center, Ferrante 2

Equipment - Erle Potter, Virginia DOT
Monterey Conference Center, Ferrante 3

Management Systems - Lacy Love, North Carolina DOT
Monterey Conference Center, Colton 1

Workforce Development - Jim Feda, South Carolina DOT
Monterey Conference Center, Colton 2

5:00 - 7:00 pm **Equipment Presentation – Driving Simulator
Monterey Conference Center, Ground Floor, Street Area
*Dinner on your own- Enjoy Monterey!***

**AASHTO 2008 Joint Meeting
Subcommittee on Maintenance
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Tuesday, July 15, 2008

- 7:00 am - 5:00 pm** **Equipment Presentation – Driving Simulator - OASIS Truck**
Monterey Conference Center, Ground Floor, Street Area
- 7:00 am - 5:00 pm** **Conference Information Desk**
Sign up at the Information Desk by 3:00 pm for your Shuttle to the
Monterey Bay Aquarium Tour and Dinner.
- 7:00 am - 5:00 pm** **Exhibits**
- 7:00 - 8:30 am* *Breakfast - Marriott Hotel, San Carlos Rooms 3 & 4*
- 8:00 am - Noon** **Joint General Session**
Monterey Conference Center, Serra 2
- Topic 1: Incorporating Environmental Management Systems into
Maintenance Management Systems**
- Discussion Leader: [Neil Pedersen, Maryland State Highway Adm.](#)
Panelists:
[Standing Committee on Environment: Steve Miller, Massachusetts Hwy Dept.](#)
[Subcommittee on Maintenance: Lacy Love, North Carolina DOT](#)
[Subcommittee on Asset Management: Catherine Nelson, Oregon DOT](#)
- 10:00 - 10:30 am* *Break - Marriott Hotel, San Carlos Rooms 3 & 4*
- Topic 2: Stormwater/Wetlands**
- Discussion Leader: Dianna Noble, Texas DOT
Panelists:
[Standing Committee on Environment: Scott McGowen, Caltrans](#)
Subcommittee on Maintenance: Gary McVoy, New York DOT
- [Green and Blue Highways Roadside Maintenance](#)
 - [Maintenance for Water Quality](#)
- [Subcommittee on Asset Management: Sonal Sanghavi, Maryland State Hwy Adm.](#)
- Topic 3: Vegetation Management and Invasive Species**
- Discussion Leader: Carlos Braceras, Utah DOT
Panelists:
[Standing Committee on Environment: Frannie Brindle, Oregon DOT](#)
[Subcommittee on Maintenance: Mark McConnell, Mississippi DOT](#)
[Subcommittee on Asset Management: Ira Bickford, Utah DOT](#)

**AASHTO 2008 Joint Meeting
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Tuesday, July 15, 2008 continued

General Discussion Topics:

- Historic Facilities
- Winter Maintenance
- Caltrans ROW Cultural Resources Inventory

Overview:

A member of the Standing Committee on Environment, Subcommittee on Maintenance and Subcommittee on Asset Management will provide brief presentations for each of the topics to begin peer discussions. Presentations will include an overview of each topic, requirements associated with that topic, what practices are currently being undertaken and why, and what is important from each speaker's perspective. Participants are encouraged to share success stories, lessons learned from failures, ideas regarding needed research and steps this group may jointly undertake to address identified issues. There are no timeframes allotted to the topics to allow conversation and peer exchange to naturally flow and navigate this session. If time allows, the group may engage in peer discussion regarding the General Topics highlighted above or topics raised by meeting participants.

Noon - 1:00 pm

Lunch – Marriott Hotel, San Carlos Rooms 3 & 4

1:00 - 5:00 pm

Asset Management - Inventory and Conditions Assessment of Other Asset Classes Peer Exchange
Leader: Peter Plumeau, Consultant, RSG, Inc.
Marriott Hotel, San Carlos Room 1
Session participants will be by invitation only.
Conference attendees are invited to observe.

2:30 - 3:00 pm

Break - Marriott Hotel, San Carlos Rooms 3 & 4

1:00 - 5:00 pm

Standing Committee on Environment - Subcommittee Meetings

Air Quality and Energy

[MOVES Design & Data Needs](#)

Marriott Hotel, San Diego Room

Natural Systems and Ecological Communities

[Joint Army – DPA Compensatory Mitigation Rule](#)

[National Stormwater Conference Connecting the DOTs](#)

Marriott Hotel, Santa Barbara Room

Community and Cultural Resources

Marriott Hotel, San Francisco Room

Environmental Process and Analysis

[The Environmental Competency Navigator](#)

[Environmental Process and Analysis Sub-Committee Goal and Strategies for Implementation of SCOE's Goals](#)

[Environmental Subcommittee Recommendation](#)

[AASHTO Standing Committee of Environment 2008 - 2009 Strategic Plan](#)

Marriott Hotel, Santa Monica Room

**AASHTO 2008 Joint Meeting
Subcommittee on Maintenance
Standing Committee on Environment
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Tuesday, July 15, 2008 continued

1:00 - 5:00 pm

Subcommittee on Maintenance - Technical Task Force Presentations

Pavements: Larry Galehouse, NCPP Michigan State University
[Historical Background of the AASHTO TSP-2](#)
Monterey Conference Center, Ferrante 1

Bridges: Updates on the International Scan for Bridge Evaluation and Quality Speaker:
Pete Weykamp, New York State DOT
Monterey Conference Center, Ferrante 2

Snow & Ice: Road Conditions and 511
Speaker: [Jim Wright, National 511 Coalition](#)
Monterey Conference Center, Ferrante 3

Roadsides & Environment: NCHRP 14-16, Guidelines for Vegetation Management
Speaker: [Ian Heap, WeedSmart](#)
Monterey Conference Center, Colton 1

Traffic Services & Safety: Final Rule on Minimum Retroreflectivity for Traffic Signs
Speaker: [Matt Lupes, FHWA](#)
Monterey Conference Center, Colton 2

Subcommittee on Maintenance - Technical Focus Group Presentations

Contract Maintenance: Missouri DOT Bridge Improvement Programs
Speaker: [Dave Musser, Missouri DOT](#)
Monterey Conference Center, Ferrante 1

Performance Measures: 2nd MQA Peer Exchange
Speaker: [Jennifer Brandenburg, North Carolina DOT](#)
Monterey Conference Center, Ferrante 2

Equipment: NCHRP 13-02, Guidelines for Selection & Application of Warning Lights on
Roadway-Operations Equipment
Speaker: [Ronald Gibbons, VA Tech Transportation Institute](#)
Monterey Conference Center, Ferrante 3

Workforce Development: Workforce Development on Highway Maintenance
Speaker: [Jim Fedas, South Carolina DOT](#)
Monterey Conference Center, Colton 2

6:30 - 11:30 pm

Tour and Dinner at the Monterey Bay Aquarium

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Wednesday, July 16, 2008

- 7:00 am - 5:00 pm** **Equipment Presentation – ARDVAC & OASIS Truck**
Monterey Conference Center, Ground Floor, Street Area
- 7:00 - 8:00 am* *Breakfast – Marriott Hotel, San Carlos Rooms 3 & 4*
- 7:00 am - 5:00 pm** **Exhibits**
- 8:00 - 10:00 am** **Standing Committee on Environment - Concurrent Sessions**
- IPAC/FHWA Web Based BA System**
Monterey Conference Center, Serra 2
Moderator: Dianna Noble, Texas DOT
Panelists: [Carol Adkins, FHWA](#)
 [Mary Ivey, New York State DOT](#)
 [Charisa Morris, U.S. Fish & Wildlife Service](#)
- Air Quality**
Monterey Conference Center, Colton 1, 2 & 3
Moderator: John Zamurs, New York State DOT
Panelists: [Mike Savonis, FHWA](#)
 [Megan Beardsley, Environmental Protection Agency](#)
 [John Kelly, Environmental Protection Agency](#)
 [Randell Iwasaki, Caltrans](#)
- 8:00 - 10:00 am** **Subcommittee on Maintenance - Task Force Meetings**
- Pavements** - Eric Pitts, Georgia DOT
Monterey Conference Center, Ferrante 1
- Roadside/Environment** - Mark McConnell, Mississippi DOT
Monterey Conference Center, Ferrante 2
- Bridges** - Peter Weykamp, New York DOT
Monterey Conference Center, Ferrante 3
- Snow & Ice** - Bill Hoffman, Nevada DOT
Marriott Hotel, San Diego Room
- 10:00 - 10:30 am* *Break - Marriott Hotel, San Carlos Rooms 3 & 4*

**AASHTO 2008 Joint Meeting
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Wednesday, July 16, 2008 continued

10:30 am - Noon

**Standing Committee on Environment - Concurrent Sessions
Monterey Conference Center, Serra 2**

Topic: Section 4(f)

Moderator: Gail D'Avino, Georgia DOT

Panelists: [Lamar Smith, FHWA](#)

[Loni Hyrnk, Indiana DOT](#)

Nick Franco, California State Parks

Carol Legard, National Transportation, ACHP

Overview:

FHWA will provide an overview of the new Section 4(f) regulations that went into effect April 2008. Perspectives also will be provided from a state DOT as well as a park official and a historic preservation official.

Topic: EPA and ACOE Updates

Monterey Conference Center, Colton 1, 2 & 3

Moderator: Hal Gard, Oregon DOT

Panelists: [Jennifer Moyer, US Army Corps of Engineers](#)

Ann Campbell, Environmental Protection Agency

10:30 am -Noon

Subcommittee on Maintenance - Focus Group Meetings

Contract Maintenance - Jim Carney, Missouri DOT
Monterey Conference Center, Ferrante 1

Performance Measures - Jennifer Brandenburg, North Carolina DOT
[Texas Maintenance Assessment Program \(TxMAP\)](#)
Monterey Conference Center, Ferrante 2

Equipment - Erle Potter, Virginia DOT
Monterey Conference Center, Ferrante 3

Management Systems - [Lacy Love, North Carolina DOT](#)
Marriot Hotel, Los Angeles Room

Workforce Development - Jim Feda, South Carolina DOT
Marriott Hotel, Santa Barbara Room

Overview: These are concurrent breakout sessions for the members of the Task Forces and Focus Groups. The sessions are informal group discussion on agenda topics prepared and moderated by the chairperson of each Task Force/Focus Group.

Members of the other committees are welcomed to join in any of their programs or topics of interests.

**AASHTO 2008 Joint Meeting
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Wednesday, July 16, 2008 continued

Noon - 1:00 pm

Lunch – Marriott Hotel, San Carlos Rooms 3 & 4

1:00 - 2:00 pm

Environmental Streamlining Lessons Learned - I-35 W Bridge Collapse

Monterey Conference Center, Serra 2

Speakers: [Frank Pafko, Minnesota DOT](#)

[I-35 W Bridge Collapse](#) (wmv file)

[Sideview of the I-35 W Bridge Collapse](#) (wmv file)

Jay Norvell, Caltrans

Overview: The collapse of the I-35W bridge over the Mississippi River in Minneapolis, MN necessitated a rapid, three pronged response involving Recovery/Demolition of the old bridge; Construction of the new St. Anthony bridge; and Implementation/Construction of Traffic Management measures. Presentation of the environmental response, documentation, permitting and compliance on all three efforts with emphasis on lessons learned that could be applied to streamlining the environmental and project development processes.

1:00 - 4:00 pm

Subcommittee on Maintenance - Concurrent Sessions

Session 1 – Worker Safety and Incident Response

Monterey Conference Center, Ferrante 1 2 & 3

Speakers: Sherry Liberty-McGarity, Caltrans

Yvette Bidegain, Caltrans

Alireza Rezaee, Caltrans

Line of Duty Death Overview: The death of an employee is tragic and traumatic. The tragedy of the event can be mitigated through compassionate and efficient handling. The foundation for such actions must be built on having a plan of action that is known and accessible to all supervisors. Caltrans has developed a formal protocol to help manage the aftermath of a line of duty death.

Annual Worker Memorial Overview: Caltrans presents the video of the 18th Annual Workers Memorial and the 2008 National Work Zone Aware Week Kick-off that was held on Tuesday, April 8, 2008 on the West Steps of the California State Capitol.

Peer Defusing Overview: Caltrans' Critical Incident Stress Management Program was created to mitigate employee response following a "triggering event". The presentation will explain the focus and importance of the program, the roles of Peer Defusers, and the steps and process of a defusing.

Bay Area Incident Response System (BAIRS) Overview: BAIRS provides the functionality to: Locate an incident from various inputs (post mile, address and text description); assign a unique incident ID number; generate a map of the incident identifying the surrounding personnel, resources, district/county boundary, water bodies, post miles; and perform spatial and attribute queries to locate the nearest available personnel and resources to the incident.

[California Department of Transportation and California Highway Patrol Partners in Emergency Response](#)

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Wednesday, July 16, 2008 continued

Session 2 - ShakeCast and MacArthur Maze (Video)

Monterey Conference Center, Colton 1, 2 & 3

Speakers: Loren Turner, Caltrans
Barton Newton, Caltrans

ShakeCast Overview:

This session will demonstrate the ShakeCast (ShakeMap Broadcast) system. Following a major earthquake, one of the most critical tasks is to assess the condition of all potentially impacted bridges and roadway corridors in the state highway system. Timely response is important to ensure public safety, guide emergency vehicle traffic and re-establish critical lifeline routes. Research through test deployment of advanced technologies is needed to explore how response time and resources can be reduced when responding to earthquakes.

MacArthur Maze (Video) Overview:

On April 29, 2007 a tanker truck explosion and fire on the MacArthur Maze caused the collapse of a section of Route 580 in the San Francisco Bay Area. This session will present a video of the reconstruction of the collapsed section of freeway and shows a process for managing transportation projects and delivering those projects on time through the process of partnering and working with others to meet common goals.

Session 3 – California Pavement Preservation Center (CP2) and 5-Year Maintenance Plan

Marriot Hotel, Los Angeles Room

Speakers: Steve Takigawa, Caltrans
Shakir Shatnawi, Caltrans

5-Year Maintenance Plan Overview:

Caltrans is responsible for the approximately 50,000 lane miles of the State Highway System. This includes maintaining the roadway, structures (bridges), drainage systems, landscaping, signs, and other highway features. In addition, Caltrans spends considerable resources on non-inventory roadside activities such as litter and graffiti removal. The 5-Year Maintenance Plan outlines the critically needed preventive maintenance work of California's State Highway System.

CP2 Overview:

In June 2006 Caltrans established the California Pavement Preservation Center at California State University, Chico. The purpose of the Center is to provide pavement preservation services to public agencies and industry. Some of the services provided include developing education programs in pavement preservation, providing training and staff development opportunities, providing needed technical assistance to public agencies and industry, and managing/conducting research and outreach assistance.

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Wednesday, July 16, 2008 continued

2:00 - 5:00 pm

**Standing Committee on Environment - Business Meeting
Monterey Conference Center, Serra 2**

Subcommittee Reports

Air Quality and Energy, Chair - John Zamurs, New York State DOT

Communities and Cultural Resources, Chair - Gail D'Avino, Georgia DOT

Environmental Process and Analysis, Chair - Tim Hill, Ohio DOT

Natural Systems and Ecological Communities, Chair - Dianna Noble, Texas DOT

Standing Committee on Environment - Steering Committee Report and Items Presented for Vote, including plans for next year's meeting.

Leader: Dianna Noble, Texas DOT

Federal Partners' Report

Speaker: Fred Skaer, Office of National Environmental Policy Act Facilitation
April Marchese, FHWA

Research Report

5:00 - 5:15 pm

**Closing - Adjourn Annual Joint Meeting -
Monterey Conference Center, Serra 2**

2008 Meeting Hosts

Speakers: Steve Takigawa, Chief, Division of Maintenance, Caltrans
Jay Norvell, Chief, Division of Environment Analysis, Caltrans

Dinner – On Your Own!
Explore Fisherman's Wharf & Cannery Row!

