



# **National Center for Pavement Preservation UPDATE**

**November 8, 2011**

**Northeast  
Pavement Preservation Partnership Meeting**

**Larry Galehouse, P.E., P.S.**

**Director, National Center for Pavement Preservation**

# Local Agency Pavement Preservation Councils



# Purpose of Councils

- Support education and advance outreach assistance to local agencies for pavement preservation and asset management.
- Provide a neutral and productive environment for pavement preservation and asset management education

# Council Members

- **Contractors, Suppliers, Consultants, Local Government Officials, and Academia**
- **Initial Funding from Industry Members**

# Education Process

- **All training coordinated through NCPP**
- **Classes conducted at location selected by local agencies**
- **Taught by recognized experts approved by NCPP**
- **Participants received CEUs from Michigan State University**

# Education Process



# Benefits

- **Fosters technology transfers between academia, industry, and agencies**
- **Agencies understand and accept preservation treatments**
- **Increases number of preservation jobs**
- **Greatly reduced poor or unacceptable projects**

# Scholarship

## James B. Sorenson Memorial Pavement Preservation Scholarship



# **James B. Sorenson Memorial Pavement Preservation Scholarship**

## **Requirements**

- **Recipient shall be a U.S. Citizen or permanent resident.**
- **Has senior standing and accepted into the pavement engineering graduate program at MSU.**
- **Has strong academic history**

# James B. Sorenson Memorial Pavement Preservation Scholarship



- **Alex Russeau first Sorenson Scholarship recipient**
- **Grade Point Average 3.8 / 4.0**
- **Chi Epsilon - Civil Engineering Honor Society**
- **Tau Beta Pi - Engineering Honor Society**
- **Past Eagle Scout**
- **MSU Cross Country, Indoor Track, Outdoor Track teams**
- **Big Ten Male Runner of the Week**
- **2010 Big Ten All-Conference Academic Honoree**

# AASHTO

**Transportation System Preservation  
Technical Services Program**

# TSP•2

# Regional Pavement Preservation Partnerships



# Regional Bridge Preservation Partnerships



# TSP•2 Support

- **Program for Pavement & Bridge Preservation**
- **Financially supported by over 75% of AASHTO member agencies**
- **Over 90% of AASHTO member agencies participate in regional partnerships**

# TSP•2 Involvement

- **Increasing participation from industry groups**  
**- ACPA, AEMA, ARRA, ARTBA-BPA, FP<sup>2</sup>,  
IGGA, ISSA, NAPA -**
- **More awareness by local agencies**
- **Building university membership and awareness throughout the country**

New website  
design

[www.tsp2.org](http://www.tsp2.org)



Transportation System Preservation  
Technical Services Program  
Preserving our Infrastructure  
Investment

Home About TSP2 News Pavement Preservation Bridge Preservation Library Links Events Help Desk

#### Welcome

The American Association of State Highway Transportation Officials (AASHTO) is dedicated to the preservation and maintenance of highway assets. In May 2006, the National Center for Pavement Preservation (NCP) was contracted to develop and administer its new **Transportation System Preservation Technical Services Program (TSP-2)**. The program was initiated as an efficient means to disseminate information to AASHTO member agencies for preserving their highway infrastructure, including both pavements and bridges. Its principal mission will be to serve as a clearinghouse with comprehensive and up-to-date information on efficient and effective preservation measures that enhance highway performance and extend useful life.



#### National Bridge Management, Inspection and Preservation Conference, November 2011, St. Louis, Missouri

The theme of this conference is "Managing the Nation's Bridges Beyond the Short Term". The conference will include meetings of the Midwest and Western Bridge Preservation Partnerships and the Midwest Bridge Inspection and Maintenance Working Group. For further information, see the [Save the Date Flyer](#).

#### TSP-2 Eligible for SP&R Funding

Click [here](#) to read the funding letter.

#### Bridge Preservation - Working Definition (Final Version) Posted

Following comments, the FHWA BPETG's [Original Draft](#) has been revised to the [Working Definition \(Final Version\)](#), to be balloted at the 2011 Meeting of the AASHTO [Subcommittee on Bridges and Structures](#).

#### 2010 In-Place Recycling Conference Videos

The videos for the 2010 In-Place Recycling Conference are located [here](#). The 2009 videos can be viewed [here](#).

[Edit](#)

Search

#### Recent News

- Western Transportation Institute Newsletter: April 2011
- Development of Performance Properties of Ternary Mixtures: Laboratory Study on Concrete
- Performance Monitoring of Mechanistically-Designed Pavements 2010 Data Collection
- FHWA R&T Now - March 2011
- Public Roads: March/April 2011

#### Upcoming Events

- Pavement Preservation Expert Task Group (PPETG), Oklahoma City, Oklahoma  
Date: May 02 2011
- AASHTO 2011 Spring Meeting, Las Vegas, Nevada  
Date: May 02 2011
- Southeast Pavement Preservation Partnership 2011 Meeting, Oklahoma City, Oklahoma  
Date: May 04 2011
- TRB Webinar: Communicating the Value of Research: A Focus on Successful State DOT Practices and Case Studies  
Date: May 05 2011

#### Contact Us

Email: [ncpp@egr.msu.edu](mailto:ncpp@egr.msu.edu)  
Phone: (517) 432-8220  
Fax: (517) 432-8223

#### Address

2857 Jolly Road  
Okemos, MI 48864  
[Map](#)

#### Hours of Operation

8 am - 5 pm  
Eastern Standard Time

© 2011 - TSP2

HOME

ABOUT TSP2

NEWS

PAVEMENT  
PARTNERSHIPS

BRIDGE  
PARTNERSHIPS

LIBRARY

EVENTS

FORUMS

LINKS

AASHTO  
THE VOICE OF TRANSPORTATION

TSP-2

Transportation System Preservation  
Technical Services Program



# TSP•2 Events

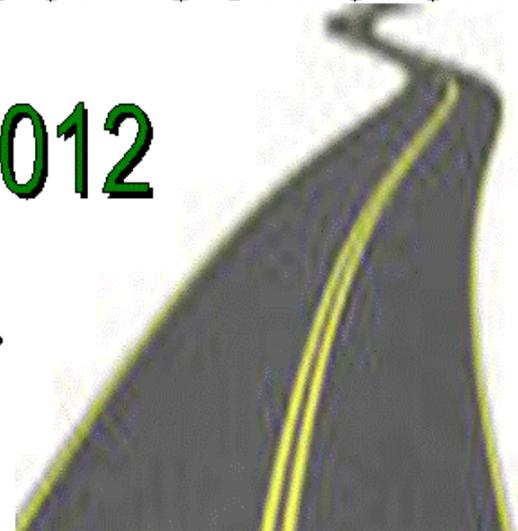
- Co-sponsor of National Bridge Management, Inspection and Preservation Conference in St. Louis, MO (Oct 31- Nov 4, 2011)
- Co-sponsor of National Pavement Preservation Conference, in Nashville, TN (Aug 27-30, 2012)

# National Pavement Preservation Conference

August 27-30, 2012



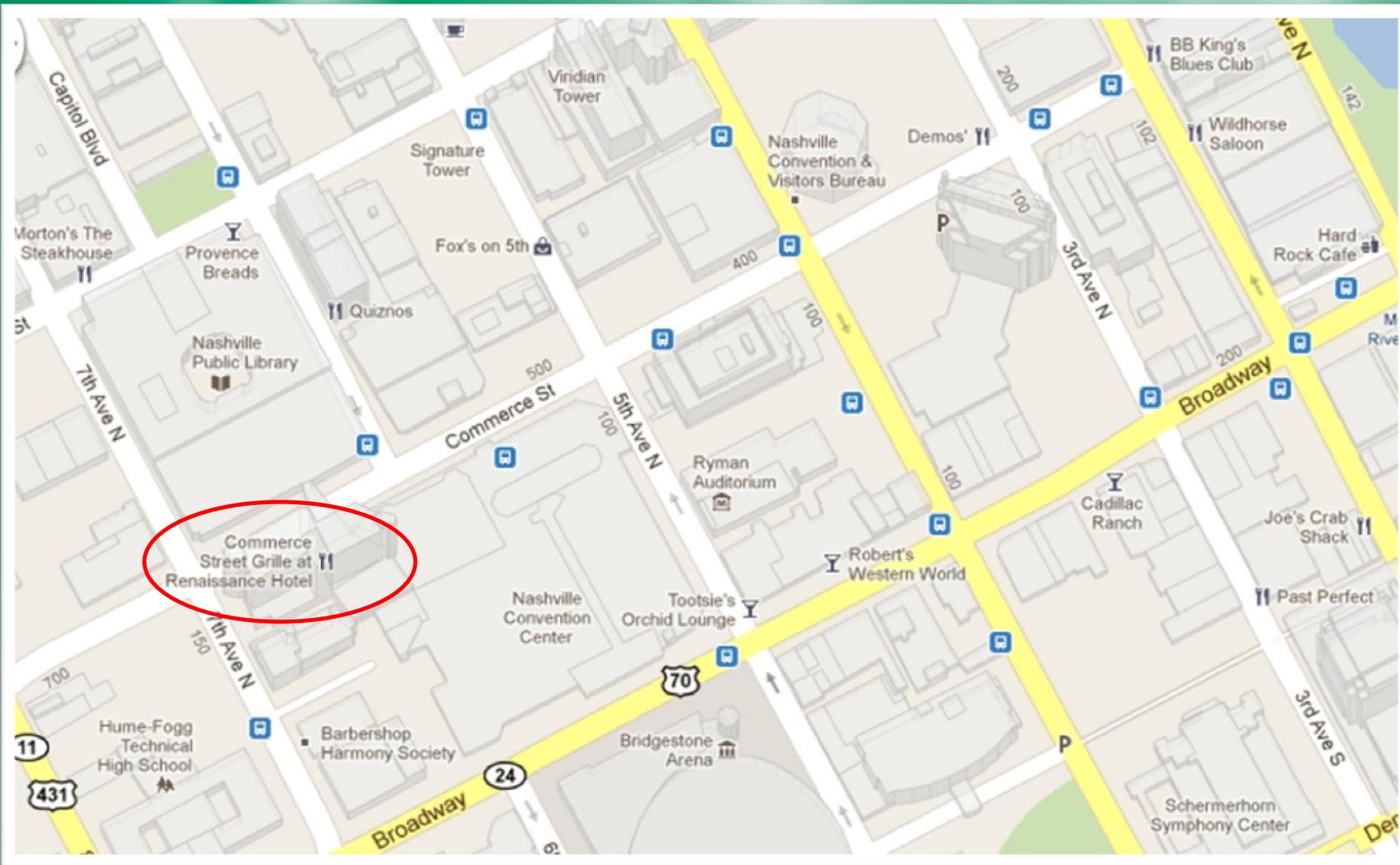
Nashville, TN



## Road Trip: Driving the Message for Change

# Renaissance Nashville Hotel





Commerce Street Grille at Renaissance Hotel



# Keynote Speakers

## Confirmed

**Robert E. Skinner, Executive Director, TRB**

**Brian C. Roberts, Executive Director, NACE**

**Baxter Burns, President, Ergon Asphalt**

## Invited

**Kirk T. Steudle, President, AASHTO**

**Congressman John J. Duncan, Jr., Tennessee**

**John Schroer, Commissioner, Tennessee DOT**

**Victor Mendez, Administrator, FHWA**

**Ray LaHood, Secretary of Transportation**

# Field Demonstrations

## LIVE

### Rigid Pavement Applications

- Dowel Bar Retrofit
- Spall Repair
- Diamond Grinding

### Flexible Pavement Applications

- FiberMat Chip Seal
- Thin HMA Overlay
- Micro surfacing
- Scrub Seal
- Skidabrador
- Rejuvenator Seal

# Ribbon Cutting



# Conference Tracks

- 1. Pavement Preservation Practices**
- 2. Pavement Preservation in a Pavement Management/Asset Management World**
- 3. Pavement Preservation Training, Communication and Public Relations**
- 4. Pavement Preservation Research and Innovative Technologies**
- 5. Sustainable Benefits of Pavement Preservation**
- 6. Pavement Preservation for Local Agencies**
- 7. Pavement In-place Recycling**

# Schedule Day One

Date/Day	Tentative Agenda	
August 27 Monday	AM	(8:00 – 10:00) <b>Concurrent Regional Partnership Meetings</b> Midwestern Northeast Rocky Mountain West Southeast
		Break (10:00 – 10:30)
		(10:30 – 12:00) <b>Concurrent Regional Partnership Meetings</b> Midwestern Northeast Rocky Mountain West Southeast
		Lunch
	PM	(1:00 – 3:00) <b>Opening Plenary Session</b> Opening Remarks & Welcome – Jim Moulthrop Keynote Speaker - FHWA Keynote Speaker - TRB Keynote Speaker - NACE Keynote Speaker – FP <sup>2</sup> Inc. Keynote Speaker - TBD
		Break (3:00 – 3:30)
		(3:30 – 5:30) <b>Agency Plenary Session</b> Midwestern - TBD Northeast - TBD Rocky Mountain West – TBD Southeast – TBD Round Table Discussion <b>Field Demonstration Overview</b>
		Reception (5:30 – 7:00)

# Schedule Day Two

Date/Day	Tentative Agenda	
August 28 Tuesday	AM	(8:00 – 11:45) <b>Offsite Field Demonstrations</b> Flexible Pavement Treatments Rigid Pavement Treatments Innovative Preservation Practices
		(11:45 – 12:00) <b>Ceremonial Ribbon Cutting and Media Event</b>
		(12:00 – 1:00) <b>Field Luncheon</b>
	PM	(1:00 – 1:30) <b>Buses Return to Hotel</b>
		(1:30 – 2:30) <b>Industry Plenary Session</b> Peter Grass, Asphalt Institute John Roberts, ACPA and IGGA William Wilkins, The Road Information Program
		Vendor Displays & Break (2:30 – 3:30)
		(3:30 – 5:30) <b>Concurrent Track/Session Offerings</b> <b>Track A: Pavement Preservation Practices</b> <i>Session 1 – Flexible Pavement Surface Treatments</i> <b>Track B: Pavement Preservation in a Pavement Management/Asset Management World</b> <i>Session 2 – Integrating Pavement Preservation Into Pavement Management Systems</i> <b>Track C: Pavement Preservation Training, Communication, and Public Relations</b> <i>Session 3 – Effective Education Programs and Delivery Methods</i> <b>Track D: Pavement Preservation Research and Innovative Technologies</b> <i>Session 4 - Achieving Pavement Preservation Research Needs</i>
		Reception (5:30 – 7:00)

# Schedule Day Three

Date/Day	Tentative Agenda	
August 29 Wednesday		(8:00 – 9:45) <b>Concurrent Track/Session Offerings</b> Track A: Pavement Preservation Practices <i>Session 5 – Rigid Pavements Treatments and Repairs</i> Track D: Pavement Preservation Research and Innovative Technologies <i>Session 6 - Innovative Materials</i> Track E: Sustainable Benefits of Pavement Preservation <i>Session 7 - Quantifying the Benefits</i> Track F: Pavement Preservation for Local Agencies <i>Session 8 – Best Local Agency Practices</i>
		AM
		(10:15 – 12:00) <b>Concurrent Track/Session Offerings</b> Track A: Pavement Preservation Practices <i>Session 9 – Crack Treatment Techniques</i> <i>Session 10 - Properties of Asphalt Materials</i> Track C: Pavement Preservation Training, Communication, and Public Relations <i>Session 11 – Marketing the Benefits of Pavement Preservation</i> Track D: Pavement Preservation Research and Innovative Technologies <i>Session 12 – Using Innovative Technologies</i>
		Luncheon & FP <sup>2</sup> Preservation Award Ceremony
	PM	(1:30 – 3:15) <b>Concurrent Track/Session Offerings</b> Track A: Pavement Preservation Practices <i>Session 13 – Treatment Selection</i> <i>Session 14 - Thin HMA/WMA Overlays</i> Track B: Pavement Preservation in a Pavement Management/Asset Management World <i>Session 15 - Achieving Long-Term Goals</i> Track E: Sustainable Benefits of Pavement Preservation <i>Session 16 – Impacts on Financial, Environmental and Social Indices</i>
		Break (3:15 – 3:45)
	(3:45 – 5:30) <b>Concurrent Track/Session Offerings</b> Track A: Pavement Preservation Practices <i>Session 17 – Surface Preparation Practices Prior to Application of Pavement Preservation Treatments</i> Track D: Pavement Preservation Research and Innovative Technologies <i>Session 18 – Pavement Surface Properties</i> Track F: Pavement Preservation for Local Agencies <i>Session 19 – Implementing a Local Agency Program</i> Track G: Pavement In-Place Recycling <i>Session 20 – Using Hot In-Place Recycling (HIR)</i>	
	Reception (5:30 – 7:00)	

# Schedule Day Four

Date/Day	Tentative Agenda	
August 30 Thursday	AM	(8:00 – 9:45) <b>Concurrent Track/Session Offerings</b> Track A: Pavement Preservation Practices <i>Session 21 – Addressing Airport Needs</i> Track C: Pavement Preservation Training, Communication, and Public Relations <i>Session 22 – Communicating with the Media and Public</i> Track G: Pavement In-place Recycling <i>Session 23 – Cold In-place Recycling (CIR)</i> <i>Session 24-</i>
		Break (9:45 – 10:15)
		(10:15 – 12:00) <b>Concurrent Regional Partnership Meetings</b> Midwestern Northeast Rocky Mountain West Southeast
	Adjourn	

# Mark Your Calendar



**NATIONAL PAVEMENT PRESERVATION CONFERENCE**  
**AUGUST 27-30, 2012 | NASHVILLE, TN**  
**ROAD TRIP:  
DRIVING THE MESSAGE FOR CHANGE**

The banner features a yellow acoustic guitar on the left with a stylized American flag pattern on its body. On the right, a black road with a yellow dashed center line and white edge lines curves into the distance. The background is a solid orange color.

[www.nationalpavement2012.org](http://www.nationalpavement2012.org)



NATIONAL PAVEMENT PRESERVATION CONFERENCE

AUGUST 27-30, 2012 | NASHVILLE, TN

ROAD TRIP:  
DRIVING THE MESSAGE FOR CHANGE



# Seeking Sponsorships For:

- Breakfast
- Lunch
- Break
- Reception
- Printing
- Meeting Packs

# TSP•2 Media Campaign

**A National Public Education Campaign**



**LEZOTTE  
MILLER**  
*Public Relations Inc.*

***Changing Course to Preserve our Highway Investment***



# TSP•2 Media Campaign

## Campaign Resource Toolkit

- Spokesperson Training Guide
- Spokesperson talking points
- Media fact sheet
- News release template
- Opinion column template
- Letter to editor template
- Article for trade publications
- Campaign brochure
- PowerPoint presentation
- Campaign video

# TSP•2 Media Campaign

## Campaign Resource Toolkit

- Member access NCPP website:  
[www.pavementpreservation.org](http://www.pavementpreservation.org)
- Member access TSP•2 website:  
[www.tsp2.org](http://www.tsp2.org)
- Media access Coalition website:  
[www.preserveourroads.com](http://www.preserveourroads.com)

# TSP•2 Media Campaign

## Coalition to Preserve America's Roads

**A Coalition creates a  
"chorus of voices"  
for pavement preservation**

**Recruiting organizations as coalition members must see:**

- 1. Merit of Issue**
- 2. Need to preserve our infrastructure**
- 3. Benefit for the American Public**

# AASHTO

**Equipment Management  
Technical Services Program**

# EMTSP

# Regional Equipment Management Partnerships

- **Midwest**
- **Northeast**
- **Southeast**
- **Western**

# EMTSP Purpose

- **A clearinghouse for equipment specifications, fleet management best practices, and equipment-related research.**
- **Online reference library.**
- **Exchange ideas thorough regional partnerships.**
- **Web-based bulletin board system and listserv.**

# EMTSP Event

- Sponsor of National Equipment Management Meeting, in Mobile, AL (June 24-28, 2012)

# NCPP Staff



**Larry  
Galehouse**  
Director



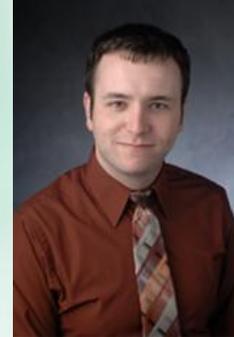
**Patte Hahn**  
Administrative  
Manager



**John  
O'Doherty**  
Project  
Specialist -  
Road



**Nick  
Bourland**  
Accountant



**Gregg  
Gaddy**  
IT Specialist



**Patricia Miller**  
Education  
Specialist



**Darlene Lane**  
Travel  
Coordinator



**Doyt Bolling**  
Local  
Programming



**Ed Welch**  
Project  
Specialist -  
Bridge



**Dick Baron**  
Equipment  
Management  
Specialist



**John Hooks**  
Bridge  
Preservation  
Specialist



**Aaron  
Algrim**  
Production  
Specialist



**Ebony  
Houston**  
Student  
Assistant



**Samantha  
Hahn**  
Student  
Assistant

# Questions ?



**Enjoy your Day!**

