



# ■ Pavements Task Force



**Eric Pitts, GA – Chair**

**Tim Lattner, FL – Vice-Chair**



**The purpose of the  
Pavement Task Force  
is to promote  
the preservation of pavements.**



# AGENDA

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1. Self Introduction of Members and Participants (1:00pm – 1:10 pm)
2. Task Force Work Plan & Activities Update  
Eric Pitts, Chair (see handouts) (1:10 pm – 1:20 pm)
3. National Center for Pavement Preservation Update  
Larry Galehouse, NCPP Executive Director (1:20 pm – 1:35 pm)
4. FHWA Pavement Preservation Activities and NHI Update  
Joe Gregory, FHWA Office of Asset Management (1:35 pm– 1:50 pm)
5. Foundation for Pavement Preservation Activities Report  
FP2 Representative (1:50-2:00)
6. Distribution of Topics Abstracts for 2009 Joint SOM/TRB Meeting  
Frank Lisle, TRB (2:00-2:10)
7. Group Discussion/Roundtable with Representatives from Standing Committee on Environment; Subcommittee on Asset Management; and Industry on Pavement Recycling Technologies and Sustainability Issues  
Eric Pitts, Chair (see handouts) (2:10pm – 2:30 pm)
8. Adjourn (2:30 pm)

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# ■ WHERE WILL YOU HELP???

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## Champion Identification:

- a) Research: \_\_\_\_\_
- b) Training: \_\_\_\_\_
- c) RSL: \_\_\_\_\_

## AASHTO ACTION AGENDA

# Statement of Direction and Purpose of the Task Force

## WORKPLAN:

- Activity Support
- Training Support
- Research Support

# ■ Activity Support

- 1) Support the Use and Oversight of the AASHTO Transportation System Preservation Technical Services Program (TSP<sup>2</sup>)
- 2) Develop a Pavement Preservation chapter that can be included in the new AASHTO Mechanistic-Empirical Pavement Design Guide (MEPDG).
- 3) Support the Publication of Supplement to the AASHTO Transportation Glossary (“Pavement Preservation Glossary for Field Practitioners.”)
- 4) Support the National Center for Pavement Preservation activities.
- 5) Support the Development and Expansion of Regional Pavement Preservation Partnerships
- 6) Participate in Technical Sessions, Workshops, Conferences, TRB activities, the Pavement Preservation Expert Task Group (PP ETG) meetings, and more.
- 7) Develop and support AASHTO resolutions and research topics concerning Pavement Preservation.

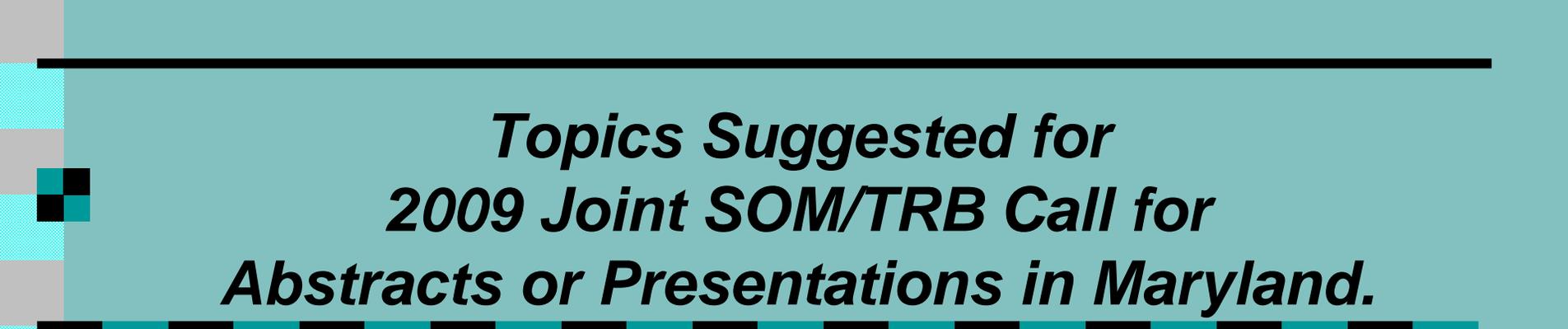
# ■ Training Support

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Support the development of new pavement preservation classes, and encourage agency top management to support the NHI classes on pavement preservation through the scheduling of the existing classes in their states.

# Research Support

- 1) Assist in the Completion and Implementation of the Pavement Preservation Roadmap.
- 2) Promote new and on-going research for Pavement Preservation .
- 3) Support additional evaluation of the SPS-3 and SPS-4 projects in the Long Term Pavement Performance (LTPP) Database, including the development of life cycle cost analysis of the particular maintenance treatments used on those projects.
- 4) Support the Pavement Preservation Scan Tour demonstration project implementation.
- 5) *Represent State agency perspectives on the TRB Task Force for Roadway Pavement Preservation.*
- 6) Promote the utilization of the National Center for Pavement Preservation for research management.
- 7) Encourage the endorsement of previous research documents by AASHTO.



# ***Topics Suggested for 2009 Joint SOM/TRB Call for Abstracts or Presentations in Maryland.***

1. Context Sensitive Solutions (CSS) Topics Related to Pavements and Pavement Preservation, including:
  - Noise issues, and/or a synthesis of noise issues.
  - Surface friction and other safety-related issues in preservation treatments, including work zone impacts.
  - Splash and Spray Issues
  - Environmental Issues such as emissions and Green House Gas reduction benefits of pavement preservation activities and warm-mix asphalt use.
  - Recycling Issues for Pavement Preservation projects.
2. Public Relations and Training activities and examples which could enhance preservation programs.
3. The impacts of changes in asphalt chemistry and refining processes on maintenance-related materials and activities.
4. Reports from Recent Pooled-Fund Research Projects concerning Pavement Preservation Related Materials



**2007 Meeting Question:  
How do we build CSS into  
Pavement Preservation????**

- 1) *Aesthetics of Surface Characteristics (Federal Lands Report )*
- 2) *Noise Issue Consideration*
- 3) *Environmental Issue Consideration*
  - ✓ *Material Life Cycle Analysis*
  - ✓ *Emissions and Green House Gas Reduction*
- 4) *Safety Issues*
  - ✓ *Surface Friction*
  - ✓ *Splash and Spray*

# ■ 2007 Resolution Topics (pg. 1 of 2)

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- Remaining Service Life (RSL)  
ScOM Support for the development of an AASHTO Guide Document on how to define and measure the RSL of all roadway features and assets
- Public Education Program concerning the value of our existing infrastructure and the need to preserve it.

Note: Both of these Resolutions Were Previously Considered by ScOM

## ■ 2007 Resolution Topics (pg. 2 of 2)

- Support Emulsions Training Course Development and the Participation of ScOM Members on the Technical Panel.
- Commend FHWA on Adopting Preservation as an FY08 Strategic Goal.
- Support the continuing development and rapid Implementation of the Transportation System Preservation Roadmap.

# Research Problem Statements

## Priority Topics

1. Development of a Pavement Preservation chapter for the AASHTO Mechanistic-Empirical Pavement Design Guide (accepted)
2. Development of a Process for Estimating the Remaining Service Life (RSL) for Transportation Infrastructure (accepted)
3. Documentation of the Benefits of Pavement Preservation
4. Pavement Preservation Data Sources (20-07 synthesis?)
5. Contractor Certification (synthesis?)

# National Center for Pavement Preservation Update



Larry Galehouse, NCPP Executive Director

# FHWA Pavement Preservation Activities and National Highway Institute Update



U.S. Department  
of Transportation

**Federal Highway  
Administration**



Joe Gregory, FHWA Office of Asset Management

# Foundation for Pavement Preservation Activities Report



# Distribution of Topics Abstracts for 2009 Joint SOM/TRB Meeting



Frank Lisle, TRB

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Roundtable Discussion:

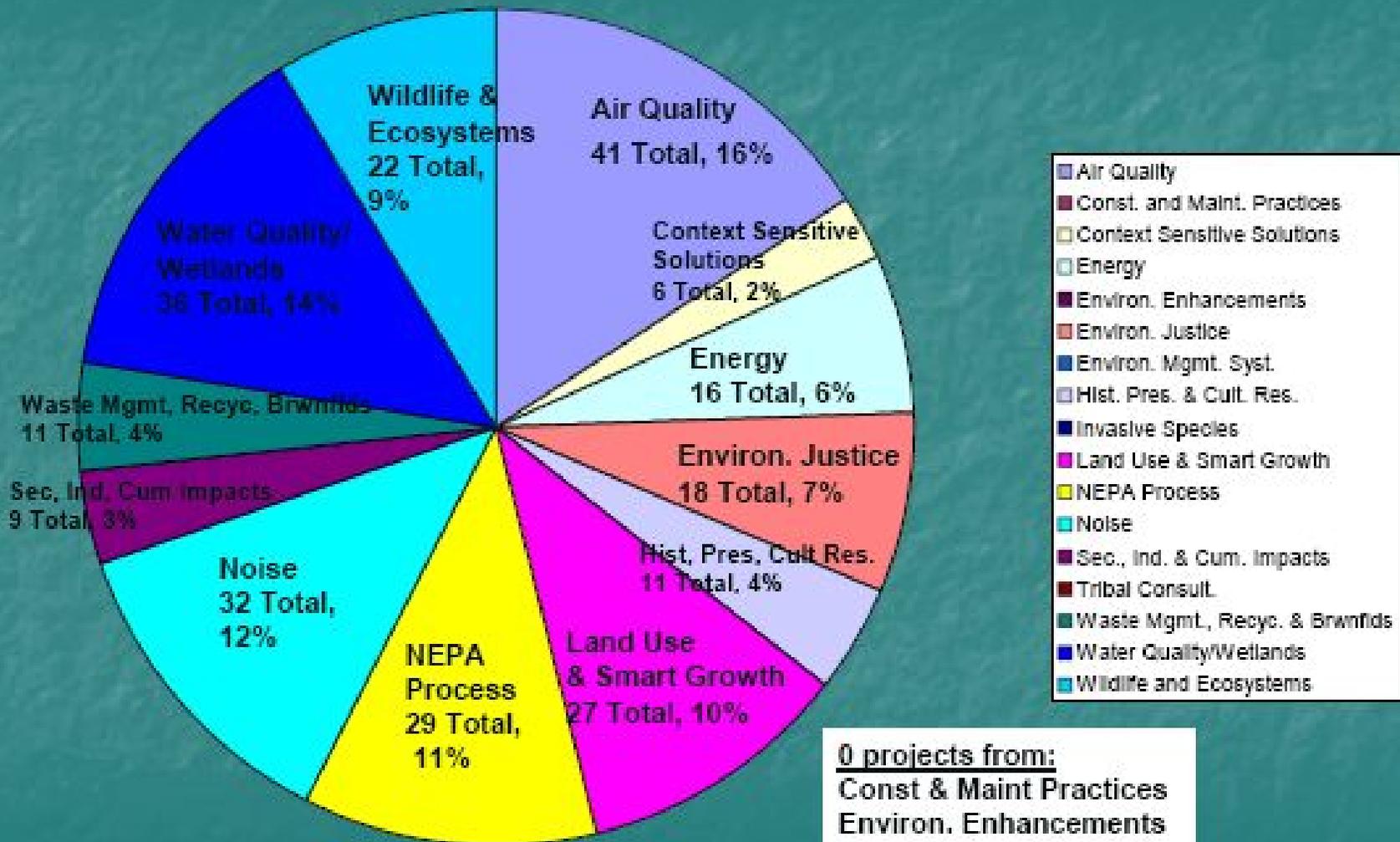
# ■ Pavement Recycling Technologies and Sustainability Issues

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Representatives from

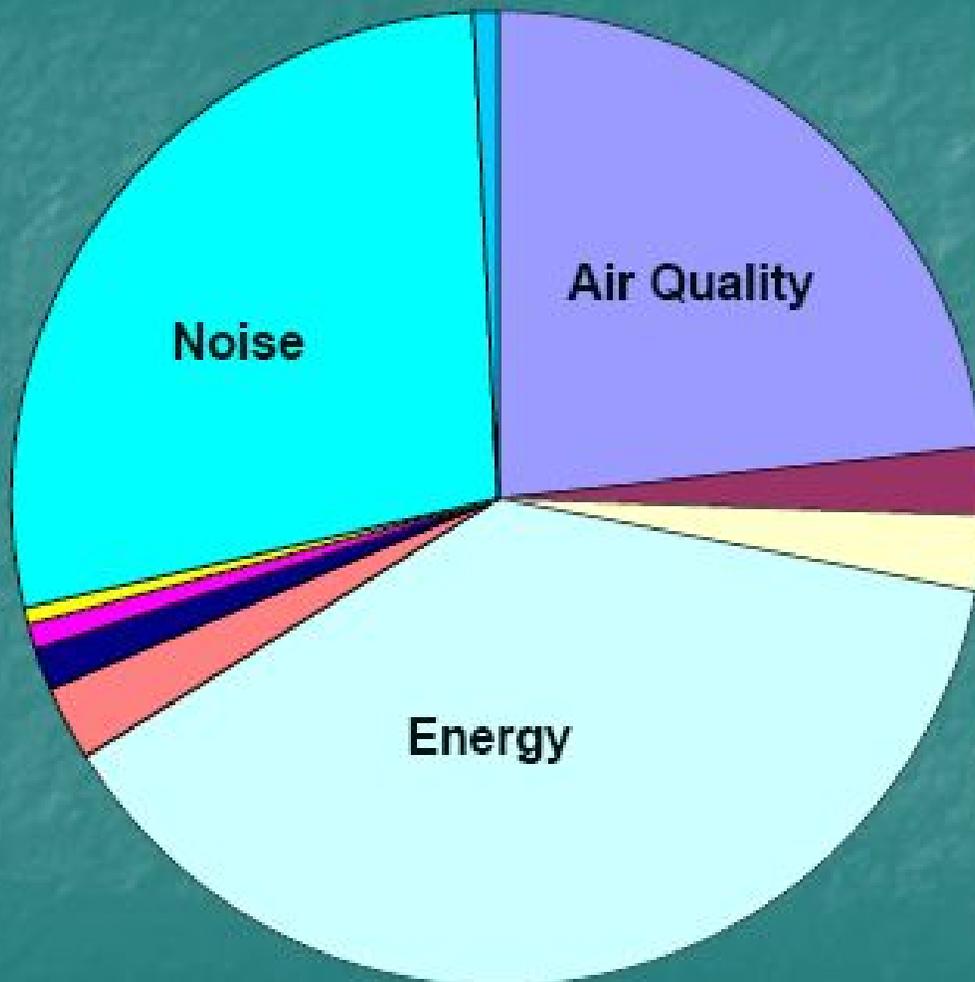
- Standing Committee on Environment;
- Subcommittee on Asset Management;
- Industry

# Number of TERI Projects in Each Category / All Cost Levels



0 projects from:  
 Const & Maint Practices  
 Environ. Enhancements  
 Environ. Mgmt Systems  
 Invasive Species  
 Tribal Consultation

## Active RIP Projects



- Air Quality
- Const. and Maint. Practices
- Context Sensitive Solutions
- Energy
- Environ. Enhancements
- Environ. Justice
- Environ. Mgmt. Syst.
- Hist. Pres. & Cult. Res.
- Invasive Species
- Land Use & Smart Growth
- NEPA Process
- Noise
- Sec., Ind. & Cum. Impacts
- Tribal Consult.
- Waste Mgmt., Recyc. & Brwnflds
- Water Quality/Wetlands
- Wildlife and Ecosystems

## **Charge to Task Force:**

### **Prepare for Wednesday 7/16/08 Session (8:00 – 10:00 am)**

**Approval of these items on Wednesday,  
forward to full Subcommittee on Thursday:**

- a) Review of Topics for 2009 Joint SOM/TRB Call for Abstracts or Presentations
- b) Topics for 2009 AASHTO Maintenance Subcommittee Meeting.
- c) Research Problem Statements – Topics and Development.
- d) Resolutions – Topics and Development.
- e) 2008/2009 Work Plan:
  - 1. Update of Existing Plan
  - 2. Identification of Champions

**Please share any concerns/problems that need attention by the Task Force/Subcommittee.**

# ■ ADHOC MEETING OPPORTUNITIES

a) Tonight:

7/14/08

Dinner or After Dinner?

b) At Breakfast Tomorrow:

7/15/08

6:30 am – 8:00 am?

c) At Lunch Tomorrow:

7/15/08?

12 noon – 1:00 pm?

d) At Breakfast Wednesday:

7/16/08

6:30 am – 8:00 am?

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# ■ WHERE WILL YOU HELP???

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**AASHTO ACTION AGENDA –**

**Comments due to Carlos by August 15**