

APPENDIX A

# **Conference Program**

NATIONAL

February 4–6, 2003

SEMINAR

# MOISTURE SENSITIVITY

## PROGRAM

### Seminar Description

Moisture damage in asphalt pavements is a ***national concern***. Correctly identifying the problem and isolating the contributing factors—materials and construction—are equally challenging. The goals of this national seminar are twofold: technology transfer from leading experts, and a road map to solving this problem. Topics to be addressed include the following:

- ▶ **Identifying the problem—distinguishing between materials-induced versus construction-related factors**
- ▶ **Fundamental concepts—binder and aggregate considerations; failure mechanisms**
- ▶ **Test methods—laboratory and field**
- ▶ **Remediation—additives and construction practices**
- ▶ **Field performance and case studies**
- ▶ **Specifications—shortcomings**
- ▶ **Environmental and health issues**

### Time Line

The national seminar will be held at the Radisson La Jolla in San Diego, California, February 4–6, 2003. It is being planned by a steering committee made up of agency personnel (state and federal), industry, and academia. The national seminar will be an invited-only session, so the steering committee will also identify potential guests who can contribute to the subject.

## Tentative Program

### February 3, 2003

- 5:00 p.m. – 7:00 p.m. *Steering Committee Meeting*
- 5:30 p.m. – 7:00 p.m. *Registration*
- 7:00 p.m. – 9:00 p.m. *Working Dinner with Presenters, Moderators, Facilitators, and Note Keepers*

### February 4, 2003

- 7:30 a.m. – 8:00 a.m. *Continental Breakfast and Registration*
- 8:00 a.m. – Noon
- Welcome – *Session 1 (Moderator—David Newcomb)*
  - Lecture 1 – *Anne Mayer (Caltrans) and Gary Hamby (FHWA)*
  - *Break*
  - Lecture 2 – *Chemistry and Mechanisms (Dallas Little)*
  - Lecture 3 – *Test Methods (Mansour Solaimanian)*
- Noon – 1:30 p.m. *Lunch (on your own)*
- 1:30 p.m. – 5:30 p.m. *Session 2 (Moderator—Brandon Milar)*
- Lecture 4 – *Treatments (Jon Epps)*
  - Lecture 5 – *Design and Production Processes (John D'Angelo)*
  - *Break*
  - Lecture 6 – *Construction Issues (Jim St. Martin)*
  - Lecture 7 – *Field Experiences (Dale Rand/Amy Epps-Martin)*
- 6:00 p.m. – 7:00 p.m. *Hosted Reception*

### February 5, 2003

- 7:30 a.m. – 8:00 a.m. *Continental Breakfast*
- 8:00 a.m. – 10:00 a.m. *Session 3 (Moderator—Terrie Bressette)*
- Lecture 8 – *Specifications (Rita Leahy)*
  - Lecture 9 – *Implementation (Jim Moulthrop)*



*10:00 a.m. – 10:30 a.m. Break*

*10:30 a.m. – Noon Parallel Breakout Sessions*

- Breakout 1                      Fundamentals  
    1. Facilitators              Dave Jones and Alan James  
    2. Note Keeper              Anne Stonex
  
- Breakout 2                      Testing and Treatments  
    1. Facilitators              Carl Monismith and Eric Berger  
    2. Note Keeper              Jennifer Kwong
  
- Breakout 3                      Design and Specifications  
    1. Facilitators              John D'Angelo and Mike Cook  
    2. Note Keeper              Lorina Popescu
  
- Breakout 4                      Construction and Field Performance  
    1. Facilitators              Joe Peterson and Bill Maupin  
    2. Note Keeper              Steve Healow

*Noon – 1:30 p.m. Lunch (on your own)*

*1:30 p.m. – 5:30 p.m. Parallel Breakout Sessions (Continued)*

- Breakout 1                      Fundamentals  
    1. Facilitators              Dave Jones and Alan James  
    2. Note Keeper              Anne Stonex
  
- Breakout 2                      Testing and Treatments  
    1. Facilitators              Carl Monismith and Eric Berger  
    2. Note Keeper              Jennifer Kwong
  
- Breakout 3                      Design and Specifications  
    1. Facilitators              John D'Angelo and Mike Cook  
    2. Note Keeper              Lorina Popescu
  
- Breakout 4                      Construction and Field Performance  
    1. Facilitators              Joe Peterson and Bill Maupin  
    2. Note Keeper              Steve Healow

*6:00 p.m. – 7:00 p.m. Hosted Reception*

*7:00 p.m. – 10:00 p.m. Working Dinner for Facilitators / Note Keepers*

## **February 6, 2003**

*7:30 a.m. – 8:00 a.m. Continental Breakfast*

*8:00 a.m. – Noon Session Wrap-Up (Moderator—Mike Anderson)*

- Summary of Breakout Sessions and Discussions
  1. David Jones and Alan James
  2. Carl Monismith and Eric Berger
  3. John D'Angelo and Mike Cook
  4. Joe Peterson and Bill Maupin
  
- Break
  
- Road Map for the Future and Discussion—Jim Moulthrop and Joe Button
  1. Best Practices
  2. Gaps in Knowledge
  3. Implementation and Research Needs
  
- Conference Summary—Larry Santucci
  
- Closing Remarks—Phil Stolarski (Caltrans)