



Annual Meeting of the AASHTO Subcommittee on Design **AGENDA**

June 13-16, 2006 • Wyndham Orlando Resort • Orlando, Florida



Tuesday, June 13, 2006

- 12:00 pm – 8:00 pm Registration
12:00 pm – 5:00 pm Regional Meetings, Part 1 *(To be continued Thursday morning)*
- ❖ Region 1—Chair, Kathleen Penney, District of Columbia DOT/Brian Hare, P.E., Pennsylvania DOT (**Oleander A**)
 - ❖ Region 2—Acting Chair, Nick Kalivoda, P.E., Louisiana DOTD (**Tangerine A**)
 - ❖ Region 3—Chair, Joe Bucik, Ontario Ministry of Transportation (**Largo Key**)
 - ❖ Region 4—Chair, Mitch Kumar, P.E., Colorado DOT (**Tangerine B**)

3:00 pm BREAK (**Tangerine Foyer**)

NOTE: On Wednesday morning, the Regional Chairs will provide an overview of the discussions and presentations at their Tuesday meetings, along with any hot topics that they would like the other Regions to discuss at their meetings on Thursday.

- 6:00 pm – 8:00 pm Subcommittee on Design Reception (**Lime Room**)
7:30 pm – 9:00 pm SCOD Executive Council Meeting (**Longboat Key**)

Wednesday, June 14, 2006

- 7:00 am – 5:00 pm Registration
7:00 am – 8:30 am Continental Breakfast (**Lime Room**)
8:00 am – 9:00 am Opening Session (**Tangerine Room**)
- ❖ Welcome
 - ❖ AASHTO Subcommittee on Design – Allen Biehler, Pennsylvania DOT, Chair
 - ❖ Florida Department of Transportation – Ananth Prasad, P.E., Chief Engineer
 - ❖ Federal Highway Administration – Dwight Horne, Director, Office of Program Administration
 - ❖ Roll Call/Self Introductions – All Attendees

9:00 am – 10:00 am Hot Topics from the Regional Meetings
Moderator: Al Biehler, Pennsylvania DOT

15-MINUTE BREAK (**Tangerine Foyer**)

10:15 am – 12:00 pm Urban and Country Crossover Hits: Median Safety and Cable Barrier
Moderator: Dick Albin, Washington State DOT

Presentations:

- ❖ Missouri's Experience with Cable Barrier – Kathryn P. Harvey, P.E., Missouri DOT
- ❖ Median Barriers in North Carolina – Jay A. Bennett, P.E., North Carolina DOT

- ❖ Experiences of Florida's Turnpike Enterprise Median Cable Barrier Pilot Project – William H. Cook, P.E., Florida's Turnpike
- ❖ Update on Guidelines for the Selection of Cable Barrier Systems, NCHRP Project 20-7(210) – Dean C. Alberson, Ph.D., P.E., Texas Transportation Institute

12:00 pm – 1:00 pm LUNCH (**Lime Room**)

1:00 pm – 2:30 pm You Spin Me Right 'Round: Roundabouts in the U.S.
Moderator: Jim Mills, P.E., Florida DOT (**Tangerine Room**)

Presentations:

- ❖ The Case for Roundabouts: What the Research Shows – Susan A. Ferguson, Ph.D., Insurance Institute for Highway Safety
- ❖ Traffic Circles: A Variation on the Roundabout – Kathleen Penney, District of Columbia DOT, and Greer Johnson Gillis, P.E., Parsons Brinckerhoff
- ❖ Results from NCHRP Project 3-65, Applying Roundabouts in the United States – Lee A. Rodegerdts, P.E., Kittelson & Associates

15-MINUTE BREAK (**Tangerine Foyer**)

2:45 pm – 3:45 pm The Chicken and the Egg: Land Use and Transportation
Moderator: Al Biehler, Pennsylvania DOT

Presentation:

- ❖ Results from the Workshop on Land Use and Transportation, September 2005 – Timothy T. Jackson, P.E., AICP, Glatting Jackson

3:45 pm – 4:45 pm Quick Bites: Status Reports on Ongoing Projects
Moderator: Bob Walters, P.E., Arkansas HTD, Vice-Chair

Presentations:

- ❖ Clear Zone Conflicts in AASHTO Publications, NCHRP Project 20-7(171) – Dick Albin, Washington State DOT
- ❖ Highways for LIFE – Byron N. Lord, FHWA
- ❖ Update on TRB/AASHTO Geometric Design Research Efforts – James O. Brewer, P.E., Kansas DOT
- ❖ Status of Pavement Design Guide Effort – Phillip L. McConnell, P.E., Arkansas HTD
- ❖ AASHTO Publication Titles – Jim McDonnell, P.E., AASHTO

4:45 pm – 5:00 pm Direction to Regions for the Continuation of their Meetings
Moderator: Al Biehler, Pennsylvania DOT

- ❖ Discussion Topics
- ❖ Proposed Motions and Resolutions
- ❖ Proposed Research
- ❖ Rotation of Officers

FREE EVENING

Thursday, June 15, 2006

- 7:00 am – 5:00 pm Registration
7:00 am – 8:30 am Continental Breakfast
(Lime Room)
8:00 am – 12:00 pm Regional Meetings, Part 2
(Continued from Tuesday afternoon)

- ❖ Region 1 – Chair, Kathleen Penney, District of Columbia DOT / Brian Hare, P.E., Pennsylvania DOT (Oleander A)
- ❖ Region 2 – Acting Chair, Nick Kalivoda, P.E., Louisiana DOTD (Tangerine A)
- ❖ Region 3 – Chair, Joe Bucik, Ontario Ministry of Transportation (Largo Key)
- ❖ Region 4 – Chair, Mitch Kumar, P.E., Colorado DOT (Tangerine B)

10:00 am BREAK (Tangerine Foyer)

NOTE: In the afternoon, the Regional Chairs will provide an overview of the discussions and presentations at their meetings, along with results from the rotation of officers, proposed motions/resolutions, and proposed research topics.

12:00 pm – 1:30 pm LUNCH (Lime Room)
Introduction: Bob Walters, P.E.,
Arkansas HTD

Presentation:

- ❖ Highway Fatalities—A National Health Crisis Highway Designers Can Help Turn Around – Anthony R. Kane, Ph.D., Director, Engineering and Technical Services, AASHTO

1:30 pm – 2:00 pm Reports/Discussion from the
Regional Meetings
Moderator: Bob Walters, P.E.,
Arkansas HTD (Tangerine Room)

2:00 pm – 3:00 pm Spotlight Project
Introduction: David C. O'Hagan,
P.E., Florida DOT

Presentation:

- ❖ Interstate 4 Ultimate Improvements through Metropolitan Orlando – Mark D. Robinson, P.E., Florida DOT

15-MINUTE BREAK (Tangerine Foyer)

3:15 pm – 4:00 pm In The Zone: Feedback Session
on Work Zone Issues
Introduction: Lesly Tribelhorn,
P.E., Montana DOT

Presentation:

- ❖ Design Guidance for Construction Work Zones on High-Speed Highways, NCHRP Project 3-69 – Kevin M. Mahoney, Ph.D., P.E., Pennsylvania State University

4:00 pm – 5:00 pm Your All-Access Pass: Update
on ADA and Transportation
Moderator: Bob Walters, P.E.,
Arkansas HTD

Presentations:

- ❖ Revised Draft Guidance on Public Rights-of-Way – Dennis M. Cannon, US Access Board
- ❖ Florida DOT's ADA Approach – Dean Perkins, RA, Florida DOT

5:30 pm – 6:30 pm Reception (Lime Room)
6:30 pm – 9:00 pm SCOD Awards Banquet
(Tangerine Room)

Friday, June 16, 2006

7:00 am – 12:00 pm Registration
7:00 am – 8:30 am Continental Breakfast
(Lime Room)
8:00 am – 9:00 am Finding a Safe Haven:
The New Highway Safety
Manual
Moderator: Craig Green, New
Hampshire DOT
(Tangerine Room)

Presentation:

- ❖ Overview of the Forthcoming Highway Safety Manual – John Zegeer, P.E., Kittelson & Associates

9:00 am – 10:30 am Do Your Dollars Make Sense?
New Strategies for Cost
Estimating
Moderator: Frank Csigá, P.E.,
Nevada DOT

Presentations:

- ❖ Florida's Long-Range Element – Dale Stanley, Florida DOT
- ❖ Washington State's Cost Estimate Validation Process – Ken L. Smith, P.E., CVS, Washington State DOT
- ❖ Results from Estimating and Cost Management Research, NCHRP 8-49 – Stuart D. Anderson, Ph.D., P.E., Texas Transportation Institute

10:30 am – 10:45 am Preview of the 2007 SCOD
Meeting
Presenter: Kevin S. Marshia, P.E.,
Vermont AOT

30-MINUTE BREAK/HOTEL CHECK-OUT
(Tangerine Foyer)

11:15 am – 11:45 am SCOD Business Meeting
Leader: Bob Walters, P.E.,
Arkansas HTD

- ❖ Vote on Proposed Resolutions from Regions
- ❖ Vote on Proposed Research from Regions
- ❖ Open Discussion

11:45 am – 12:00 pm Wrap Up and Adjournment



AASHTO wishes to thank Parsons Brinckerhoff for their generous support of the Subcommittee on Design Meeting.