

AASHTO SUBCOMMITTEE ON DESIGN 2009 ANNUAL MEETING MINUTES

July 19 – 23, 2009

Indianapolis, IN

Region III and the Indiana Department of Transportation hosted the 2009 annual meeting of the AASHTO Subcommittee on Design (SCOD) in Indianapolis, Indiana on July 19-23. The agenda, presentations, resolutions, and minutes for this meeting are available on the AASHTO SCOD web site: <http://design.transportation.org/?siteid=59>.

SUNDAY, JULY 19

Registration and Reception

MONDAY, JULY 20

Opening Session

Moderator, Carolann Wicks, SCOD Chair (Delaware)

- Carolann Wicks opened the meeting, welcomed attendees, and introduced the following individual
- Michael Reed, Commissioner of Indiana DOT who welcomed the participants and provided an overview of the activities of the IN DOT, including a summary of the 75-year lease of the Indiana Toll Road for \$3.8 billion, the Recovery Act of 2009 activities in Indiana, the future concerns (especially for bridge needs) when the funding ramps down after the Recovery Act funding period, and dealing with human resource needs
- Self introductions of participants with 118 individuals in attendance representing 34 member departments (66), FHWA (34), and other stakeholders (18), including participants from Canada (1) and South Korea (1).

SCOH and SCOD Strategic Plan Discussion

AASHTO's Strategic Plan was accepted in May 2009. It contains four goals and twenty objectives. SCOH's last strategic plan was accepted in 1998. A list of ten top priorities (strategic objectives) has been generated in efforts to update the SCOH strategic plan. During this meeting, SCOD identified those strategic objectives that are relevant to this subcommittee.

The Federal Perspective

- Dwight Horne (FHWA) highlight of FHWA's key design related programs, initiatives and activities, including Interstate System access and partial interchanges, consultant services – procurement, management, administration, and oversight, and value engineering

With one change, the remainder of this day's agenda was followed. Todd Pelletier (Maine) substituted for Dan D'Angelo (New York) as moderator for the session on **New Ideas in Utility and Railroad Coordination**.

TUESDAY, JULY 21

With one change, this day's agenda was followed. Jim McDonnell (AASHTO) made the presentation for the Technical Committee session on **Roadside Safety**.

WEDNESDAY, JULY 22

This day's agenda was followed. A couple of sessions are noted:

Kevin Forbes, Chief Engineer for the Indiana Motor Speedway, was our luncheon speaker. He presented and remarked about the design and installation of a more forgiving impact system that is in use on certain portions of the Speedway's retaining wall. The system has since been installed at other race facilities around the nation.

Closing out the day's session were report outs from the SCOD Regional Meetings. Items reported included:

Region 4 – Paul Bercich (Wyoming)

- The next officers will be Jim Knott (Nebraska) as chair, Mark Neidhold (Alaska) as vice-chair, and Terry Abbott (California) as secretary
- Supports pipe resolution
- Supports Trans XMTL
- Supports PDH for Technical Committee work
- Technical Committee on Environmental Design - properly housed and charged
- Technical Committee on Pavements – either SCOD or Subcommittee on Materials
- Technical Committee on Pre-Construction – suggest work on measuring PE costs
- Technical Committee on Non-Motorized Transportation – staffed with right skills
- Technical Committee on Value Engineering – include risk management
- Technical Committee on Lighting – reactivate to work on LED lighting and update “A Guide to Roadway Lighting”
- Pursue ADA scan resolution from last year – resubmit

Region 3 – Mike Kennerly (Iowa)

- The next officers will be Brad Wieferich (Michigan) as chair, Jerry Zogg (Wisconsin) as vice-chair, and Illinois representative as secretary
- Talked through 29 of 49 topics submitted for discussion
- Technical Committee participation suggested through web conferencing, teleconferencing, and adjusting timing of meetings to be better in sync with budgets of member departments
- Roundabouts and the accommodation of oversized loads – Iowa is modeling using specialized software
- Roundabouts and the accommodation of visually impaired pedestrians

- Machine controlled grading being piloted by Wisconsin and Michigan; pilots completed in Minnesota, Missouri, and Iowa; developmental specifications work underway

Region 2 – Phil McConnell (Arkansas)

- The next officers will be Jeff Jones (Tennessee) as chair, Keith Purvis (Mississippi) as vice-chair, and Jay Bennett (North Carolina) as secretary
- Recommend continuing conference calling capability at next year's meeting
- Revisit PDH credit for Technical Committee work
- Technical Committee work plans – keeping them connected to SCOD should be focus of SCOD's review
- Technical Committee on Environmental Design – two publications on land use and noise are appropriate; private artists renderings need criteria to be safe
- Technical Committee on Geometric Design – include fencing in Green Book; publications on bike guide and pedestrian guide should be with Technical Committee on Non-Motorized Transportation; maybe right-of-way publications and utilities publications too
- Technical Committee on Pre-Construction – work on cost estimating for PE
- Technical Committee on Value Engineering – recommend include roadside safety audits
- South Carolina hosting 2010 SCOD Annual Meeting

Region 1 – Todd Pelletier (Maine)

- The next officers will be Todd Pelletier (Maine) as chair, Dan D'Angelo (New York) as vice-chair, and Mike Simmons (Delaware) as secretary
- Supports pipe resolution – offers modification to add maintenance and construction for creation of a joint task force on pipes
- Supports Trans XMTL
- Climate change – adaptation; designers need to step in with the planners
- Technical Committees – update 5-year goal after contacting other groups
- Technical Committees – vacancies may be problematic due to budgeting for travel; video conferencing works as an alternative
- Technical Committee on Geometric Design – suggest a three ring binder version for States only
- Technical Committee on Non-Motorized Transportation – bike and pedestrian demand model needed as support for planning function
- Technical Committee on Pre-Construction – PE cost work with cost estimating effort
- Technical Committee on Value Engineering – recommend include road safety audit
- Maine hosting 2012 SCOD Annual Meeting

SCOD Awards Banquet

Awards Recipients

- National Award, Dan D'Angelo (New York)
- Region 1 Award, Brian Hare (Pennsylvania)
- Region 2 Award, Phil McConnell (Arkansas)
- Region 3 Award, Merril Dougherty (Indiana)
- Region 4 Award, Leslie Tribelhorn (Montana)

THURSDAY, JULY 23

This day's agenda was followed. A couple of sessions are noted:

SCOD Business Meetings

Carolann Wicks presided

- Noted the lack of a quorum
- Resolution on Trans XMTL – okayed for e-voting later
- Resolution on pipe issues – modifications made by Executive Council presented and okayed for e-voting later
- Resolution on highway lighting – modifications made by Executive Council presented and okayed for e-voting later
- Research proposals – three received from Technical Committee on Pavements
 - Effect of Geosynthetics on Structural Pavement Design
 - Using Pavement Management Systems to Improve Decision Making
 - Review of the Basis for Rehabilitation Design Using the MEPDG
- Summary of recommendations for strategic plan pulling together by August 15 for presentation to SCOH
- PDH credits discussed and supported for technical committee work
- Federal Register content – reminder to review for topics relevant to SCOD, e.g. EPA proposed rule on turbidity noticed by North Carolina
- Climate change – adaptation; recent TRB publication with Mike Myer as author

Preview of the 2010 SCOD Meeting

South Carolina promotional video

Future SCOD Meetings:

- 2010 – Region 2, South Carolina
- 2011 – Joint meeting with Subcommittee on Rights-of-Way and Utilities
- 2012 – Region 1, Maine
- 2013 – Region 4, to be determined

Wrap up and Adjournment

Carolann Wicks, SCOD Chair (Delaware), adjourned the meeting at 10:00 a.m.