



2013

Subcommitttee on

Design

Annual Meeting

June 2-6, 2013

Bozeman, Montana

Meeting Agenda

with links to presentations

Sunday, June 2nd

3:00 p.m.	Registration	Foyer
6:00 p.m.–8:00 p.m.	Welcome Reception	Atrium

Monday, June 3rd

7:00 a.m.–5:00 p.m.	Registration	Foyer
7:00 a.m.–8:00 a.m.	Breakfast	Atrium
8:00 a.m.–8:55 a.m.	General Session	Hvalite

Moderator: Rick Land, Caltrans
[Presentation: SHRP2 Solutions](#) Rick Land, Caltrans

Montana Welcome: Mike Tooley, Director, Montana Department of Transportation

FHWA Welcome and Update: Kevin McLaury, Division Administrator, Montana Division, Federal Highway Administration

AASHTO Update: Jim McDonnell, Program Director for Engineering
[Presentation: AASHTO Update:](#)

9:00 a.m.–10:00 a.m.	Session 1: MAP-21	Hvalite
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Moderator: Jeff Jasper, KY

TC Speaker: Jim McDonnell (AASHTO)
[Presentation: MAP-21 and Beyond](#)

Michael Matzke (FHWA)
[Presentation MAP-21](#)

MAP-21, the Moving Ahead for Progress in the 21st Century Act, was signed into law by President Obama on July 6, 2012. These presentations provide a MAP-21 Overview including key provisions of this reauthorization of the surface transportation programs.

10:00 a.m.–10:15 a.m.	Break	Atrium
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10:15 a.m.–11:05 a.m.	Session 2: 3D Modeling	Hvalite
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Moderator: Mark Leiferman,

SD DOT Speakers:
Jeff Jaspers, KYTC
[Presentation: KYTC's Electronic Data and 3D Models](#)

Michael Kennerly, IA DOT

This session will feature how two states, Iowa and Kentucky, are dealing with 3D Modeling. KYTC will provide their experience on a recent pilot of providing the design created 3D model to contractors for construction. Iowa will discuss the progress IA DOT is making in 3D modeling and the transfer into construction.

10:15 a.m.–11:05 a.m.	Session 3: Highway Safety Manual	Hvalite
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Moderator: Dave Polly, OR DOT

Speakers: Pasco Bakotich, WA DOT
James A. Bonneson, Ph.D., P.E.
[Presentation: Highway Safety Manual](#)

As state DOT have developed their Strategic Highway Safety Plans (SHSP) and implemented use of the Highway Safety Manual (HSM) and Safety Analyst, this session will give an updated on the new revises of HSM as well as explore the successful integration between the DOT design staff and the greater community through education, enforcement, and emergency medical services.

Noon–1:00 p.m.	Lunch	Atrium
1:00 p.m.–2:30 p.m.	Regional Meetings	
	Region 1	Lewis
	Chair: Thad McIlvaine, DE DOT	
	Vice Chair: Bob Smith, RI DOT	
	Secretary: Bill Oldenburg, NH DOT	
	Region 2	Aspen
	Chair: Russell McMurry, GA DOT	
	Vice Chair: Jeff Jasper, KY TC	
	Secretary: William Adams, AL DOT	
	Region 3	Tamarack
	Chair: Jim Brewer, KS DOT	
	Vice Chair: Kathy Harvey, MO DOT	
	Secretary: Chris Roy, MN DOT	
	Region 4	Clark
	Chair: David Polly, OR DOT	
	Vice Chair: Mark Leiferman, SD DOT	
	Secretary: Roger Weigel, ND DOT	
2:30 p.m.–2:45 p.m.	Break	Atrium
2:45 p.m.–5:00 p.m.	Regional Meetings	
	Region 1	Lewis
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5:30 p.m.–6:30 p.m.	Executive Committee Meeting	Hvalite

Tuesday, June 4th

7:00 a.m.–5:00 p.m.	Registration Foyer
7:00 a.m.–8:00 a.m.	Breakfast Atrium
8:00 a.m.–8:55 a.m.	Session 4: Bike Guide Moderator: Jim Brewer, KS DOT Speaker: Darren Torbic, MRI Global The presentation will include a short history of the Bicycle Guide, an insight to the issues, and resolutions, encountered during development, and provide an update of the new features.	. Hvalite
9:00 a.m.–10:00 a.m.	Session 5: ADA Requirements and PROWAG Moderator: Wayne Willey, PA DOT Speakers: Patrick Gomez, FHWA Presentation: Issues Regarding the ADA Melissa Anderson, U.S. Access Board Presentation: Accessible Pedestrian Facilities in the Public Right-of-Way This session will cover the basic requirements of the ADA Law and the Public Right-of-Way Accessibility Guidelines (PROWAG).	. Hvalite
10:00 a.m.–10:15 a.m.	Break Atrium
10:00 a.m.–10:55 a.m.	Session 6: ADA/PROWAG Best Practices Moderator: Wayne Willey, PA DOT Speakers: David Melville, PA DOT Dan Stewart, PA DOT Presentation: Americans with Disabilities Act - PennDOT's Approach Continuing our discussion of the ADA Requirements we will present examples of best practices for providing accessible facilities in the public right-of-way as well some designs to avoid.	. Hvalite
11:00 a.m.–5:00 p.m.	TC on Non-Motorized Transportation Committee Meeting Hvalite
11:00 a.m.–11:55 a.m.	Session 7: Visualization–Tool for Design and Public Meetings Moderator: Lesly Tribelhorn, MT DOT Speaker: Chris Roy, MN DOT This session will feature how Visualization has developed over the last 15 years, moving from still photos and photo shop to the world of today, where Building Information Models (BIM) and other tools are used to communicate projects to the public.	. Hvalite
Noon–1:00 p.m.	Lunch Atrium
1:00 p.m.–1:50 p.m.	Session 8: FHWA EDC Moderator: Andy Casey, GA DOT Speaker: Mark Doctor, FHWA Resource Center In this session, speakers from various states from will report on their successes and challenges in implementing the technologies/innovations selected from EDC1. In addition, and the main focus of the presentation, is to discuss EDC2 initiatives and discuss which initiatives those states have selected to implement	. Hvalite

1:55 p.m.–2:30 p.m.

Session 9: Capital Program Performance Measures: How do you measure success?

Hvalite

Moderator: Thad McIlvaine, DE DOT

Part 1

Speaker: Michael Matzke, FHWA

Part 2

Speakers: Rob Cary, VA DOT
Eric Schroeter, MO DOT
Jay Bennett, NC DOT

As part of MAP-21, states will be required to develop targets to satisfy the performance measures established by the USDOT under 23 USC 150©. This session will highlight the performance management requirements and timelines and provide a general overview of the rulemaking currently underway. Also, several states with performance measures for design/project delivery will discuss what their performance measures are, why these measures are important and share any lessons learned.

2:30 p.m.–2:45 p.m.

Break

Atrium

2:45 p.m.–3:55 p.m.

Session 10: Our Best With Less — Workforce Planning in Challenging Times

Hvalite

Moderator: Bill Oldenburg, NH DOT

Speaker: Russell McMurry, GA DOT

As state budgets have declined over the last several years so have the state transportation workforce. Cuts in budgets have resulted in fewer design staff and a call for increased outsourcing. As the most experienced workers retire there are no new employees to fill those positions, there is a loss of institutional knowledge. This is coupled with a loss of training funds and the ability to train and develop the skills necessary to have a successful transportation agency. This session will discuss workforce development options and opportunities so that agencies can learn that a learner workforce can also be a successful workforce.

4:00 p.m.–5:00 p.m.

Session 11: Extreme Weather Events

Hvalite

Moderator: Rick Land, Caltrans

Speaker: Kevin Marshia, VT Agency of Transportation

There have been a number of extreme weather events around the country in recent years that appear to exceed the anticipated frequency and historical data that design standards are based on. This session would provide some background to clarify the issues being raised (what do recent events suggest for the future) and would give a brief overview of the national discussion for managing extreme weather in the future, particularly as that discussion relates to design standards (what can we do about it).

Wednesday, June 5th

7:00 a.m.–5:00 p.m.	Registration	Foyer
7:00 a.m.–8:00 a.m.	Breakfast	Atrium
8:00 a.m.–10:00 a.m.	Regional Meetings	
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	Secretary: Roger Weigel, ND DOT	
10:00 a.m.–10:15 a.m.	Break	Foyer
10:15 a.m.–Noon	Regional Meetings	
	Region 1	Lewis
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	Secretary: Roger Weigel, ND DOT	

Noon–1:00 p.m.	Awards Lunch	Madison
1:00 p.m.–2:30 p.m.	General Session—Technical Committee Updates	Hvalite
2:30 p.m.–2:45 p.m.	Break	Foyer
2:45 p.m.–5:00 p.m.	General Session—SCOD Technical Meeting	Hvalite

Thursday, June 6th

7:00 a.m.–11:00 a.m.	Registration	Foyer
7:00 a.m.–8:00 a.m.	Breakfast	Madison
8:00 a.m.–9:00 a.m.	ClosingSession	Hvalite/Clark
9:00 a.m.–11:00 a.m.	General Session—SCOD Business Meeting	Hvalite/Clark

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