



## PRESENTATIONS

*The PowerPoint presentations are marked in **Red Bold**.*

# **Making Progress: Transportation Planners and Programmers Turn Ideas into Reality**

May 23–25, 2012  
Grand Hyatt Denver  
Denver, Colorado

# AASHTO SCOP CONFERENCE AGENDA

**Tuesday, May 22**

8:00 a.m.–5:00 p.m.

**AASHTO Standing Committee on Planning (SCOP)**

**Wednesday, May 23**

7:00 a.m.–8:45 a.m.

**AASHTO SCOP Subcommittee Meetings**

**Subcommittee on Data**

Greg Slater and Cassandra Issackson

**Subcommittee on Policy**

Sandi Kohrs

7:00 a.m.–8:00 a.m., *38th Floor*

**Continental Breakfast**

# TRB CONFERENCE AGENDA

**Wednesday, May 23**

7:00 a.m.–5:00 p.m., *38th Floor*

**Registration**

8:00 a.m.–noon, *Sunlight Peak*

**Transportation for Communities Workshop: Advancing Projects Through Partnerships**

Janet D'Ignazio and Beverly Bowen, ICF International

The purpose of the SHRP 2 Capacity Program C01 project was to create a collaborative decision-making framework for the implementation of new capacity projects. Transportation for Communities—Advancing Projects through Partnerships (TCAPP) was launched in January 2010 to make the framework (now the Decision Guide) available through a web-based application at [www.transportationforcommunities.com](http://www.transportationforcommunities.com). The Decision Guide is a structure of the key decisions that are common to all transportation agencies in the earliest phases of decision making: long-range planning, programming, corridor planning, and environmental review merged with permitting. This workshop focuses on introducing the TCAPP web tool and helping participants access the information and support that it provides. Also highlighted will be the cross-phase linkages available in the Decision Guide that illustrate how decisions made in planning and programming have relevance at many other key decision points throughout the planning process.

**Introducing TCAPP**

**General TCAPP Tour**

**Facilitated Discussion**

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## Getting Started: What's your issue?

### Continued Testing of Relevant Interests

8:00 a.m.–noon, *San Luis*

#### Safety Planning Boot Camp Workshop

Susan Herbel, Deb Miller, and Nicole Waldheim, Cambridge Systematics, Inc.; Mike Meyer, Georgia Institute of Technology

Are transportation planners able to meaningfully integrate safety into the planning and programming activities—or do capacity, environmental impacts, and political priorities dominate the decision-making process? Since 1998, when federal legislation first addressed safety as a planning requirement, planners have struggled to answer the question: how do we meaningfully integrate safety into our planning products and programs? Establishing safety as a goal is easy, but what comes next? Early on, this was a particular challenge because safety planning was mostly reactive, which doesn't fit planning for a 20-year and longer horizon. However, the importance of safety has increased dramatically in the last decade, and proactive, long-range planning is feasible. And the benefits of reducing crash frequency or severity have become well known in the context of livability and community public health. This interactive workshop is designed to provide a framework and tools for addressing safety in the long-range planning process and other planning exercises. Please join us for the workshop and sharpen your understanding of safety in planning. You will leave with concrete steps for turning vision into reality and plans into programs.

#### What Is Safety? What Is Holding You Back?

#### Where Do I Start? What Help Is Available?

#### What Do I Need to Do?

#### How Can I Use This Experience?

1:00 p.m.–2:30 p.m., *Capitol Peak*

#### Welcome and Opening Remarks

Harlan Miller, Planning Oversight and Stewardship Team Leader, *Moderator*

**Don Hunt**, Colorado Department of Transportation;

Mike Hancock, Kentucky Transportation Cabinet and AASHTO SCOP Chair;

**Neil Pedersen**, SHRP 2, Transportation Research Board; and

Patricia Hendren, Washington Metropolitan Area Transit Authority,

and Alix Bockelman, Metropolitan Transportation Commission, *Conference Cochairs*

This session sets the tone for the conference as you hear from some of the leading voices in transportation planning. Conference sponsor and Associate Administrator for the Federal Highway Administration Harlan Miller will lead the panel. The session begins with a welcome to Colorado by Don Hunt, Executive Director of the Colorado Department of Transportation. Next, Mike Hancock, Kentucky Transportation Secretary and Chair of the AASHTO Standing Committee on Planning, will outline current planning opportunities provided by the shift toward performance-based planning. Neil Pedersen, former Maryland State Highway Administrator and currently Deputy Director of the SHRP 2 program will follow with a keynote talk highlighting the importance of planning and discussing how the innovative work of SHRP 2 can help planners make progress on key transportation issues. Conference cochairs Patricia Hendren and Alix Bockelman will outline conference activities for the next few days, including the four-step structure: Step 1: Establishing the Vision; Step 2: Road Map to Vision; Step 3: Vision to Reality; and Step 4: Are We Making Progress?



2:30 p.m.–5:30 p.m., *Capitol Peak*

### **Step One: Establish the Vision**

The long-range vision is the starting point from which transportation plans and programs emerge. From the vision, goals are established and objectives are set. This session will use seven case studies to engage participants in sharing experiences and perspectives about the visioning process. The session will lead off with a brief presentation of several case studies that focus on one of three components of the visioning process: (1) Engaging the Public; (2) Communicating with Decision Makers; and (3) Using Data and Tools. The case studies will feature examples from state departments of transportation (DOTs) and metropolitan planning organizations (MPOs) and cover all aspects of the multimodal transportation system: highways, freight, transit, etc. Following the afternoon break, where participants will meet in three groups to dive into a more-detailed discussion about the case study in a mini peer-exchange, round-table format. Participants are expected to bring their own experiences and lessons learned into the dialogue.

2:30 p.m.–3:00 p.m.

### **Introduction to Step One: Establish the Vision**

Matthew Hardy, American Association of State Highway and Transportation Officials (AASHTO)

The case studies will be explored in more depth in separate breakout groups in a mini peer-exchange–round-table format. Participants are expected to bring their own experiences and lessons learned into the dialogue.

3:00 p.m.–3:30 p.m., *38th Floor*

### **Afternoon Break**

3:30 p.m.–5:30 p.m.

### **Breakout Groups:**

#### **Breakout Group 1: Engaging the Public, *Capitol Peak***

Sandi Kohrs, Colorado Department of Transportation, *Moderator*

Explore how the public was engaged through the “Establish the Vision” process and what benefits and challenges emerged.

#### **Case Study 1: Vision 2032, Nebraska’s Long-Range Transportation Plan**

Brad Zumwalt, Nebraska Department of Roads

#### **Case Study 2: Linking Land Use and Transportation: Gauging Public Attitudes**

Regina Aris, Baltimore Metropolitan Council

#### **Case Study 3: Oklahoma DOT Long-Range Plan**

Linda Koenig, Oklahoma Department of Transportation and Lisa Nungesser, Parsons Brinkerhoff

#### **Breakout Group 2: Communicating with Decision Makers, *Sunlight Peak***

Jennifer Weeks, Parsons Brinckerhoff, *Moderator*

Discuss different techniques for keeping the range of transportation decision makers informed and engaged during the visioning process.

#### **Case Study 4: T-Works—Transportation Works for Kansas**

Lindsey Douglas, Kansas Department of Transportation; Julie Lorenz, Burns & McDonnell; and Deb Miller, Cambridge Systematics, Inc.

#### **Case Study 5: Communicating with Decision Makers—Broward 2035 Long-Range Transportation Plan, “Transformation”**

James Cromar, Broward Metropolitan Planning Organization

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### **Breakout Group 3: Using Data and Tools, San Luis**

Matthew Hardy, American Association of State Highway and Transportation Officials, *Moderator*

Discuss how data and tools were used in the case studies, including the benefits and challenges for enhancing the visioning process.

### **Case Study 6: Utah DOT UPlan**

John Thomas, Utah Department of Transportation

### **Case Study 7: Using Regional Indicators to Track Progress: CMAP's GO TO 2040 Comprehensive Regional Plan**

Kermit Wies, Chicago Metropolitan Agency for Planning

5:30 p.m.–7:00 p.m., *Crystal Room*

### **Welcome Reception and Networking**

Join your fellow attendees for an evening of mixing and mingling. You can also make new contacts and get a jump start on the bingo card challenge by participating in the speed networking event! For more details, inquire at the registration table.

## **Thursday, May 24**

7:00 a.m.–8:00 a.m., *38th Floor*

### **Continental Breakfast**

7:00 a.m.–5:00 p.m., *38th Floor*

### **Registration**

8:00 a.m.–11:30 a.m.

### **Step Two: Establish the Road Map**

After visioning, the attention turns to the development of a long-range plan that can provide the road map to get you there, and the critical link between planning and programming starts to emerge. This session will lead off with a short introduction to long-range plan development, followed by three breakouts that go into more detail in (1) performance measures and targets, (2) scenario planning, and (3) collaboration. This session will close by bringing everyone back together to hear how agencies are using these planning techniques to inform project and program decisions.

8:00 a.m.–8:30 a.m., *Capitol Peak*

### **It's Not Your Grandpa's Transportation Plan**

Charlie Howard, Puget Sound Regional Council

8:30 a.m.–10:00 a.m.

### **Breakout Groups:**

Brief presentations will be used to begin a dialogue into long-range plan development and establishing a link between planning and programming.

### **Breakout Group 1: Establishing Signposts and How to Use Them, Capitol Peak**

Elise Barrella, Georgia Institute of Technology, *Moderator*

How do you translate a vision into actions and measure achievement of the vision? The new reauthorization will likely include performance measurement requirements for DOTs and MPOs. This

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breakout group focuses on approaches to developing measures for a variety of goals (economic prosperity, environment, equity, safety, program delivery, etc.) and frameworks for creating an organizational culture of performance management.

**Measuring Road Health—What Wyoming is Moving Toward**

Martin Kidner, Wyoming Department of Transportation

**Integrating Performance Measures into an Evolving Capital Investment Framework**

Ryan Wilson, Minnesota Department of Transportation

**Tracking Progress: The Recent Evolution Toward Performance-Based Planning and Programming in the Sacramento Region**

Matt Carpenter, Sacramento Council of Governments

**Translating Sustainability Goals into Performance Measures: Lessons Learned from the Trenches**

Leigh Blackmon Lane, Center for Transportation and Environment, North Carolina State University

**Breakout Group 2: Scenario Planning: Testing Transportation Land Use Models to Achieve Performance Targets, *Sunlight Peak***

Tom Brigham, HDR Alaska, Inc., *Moderator*

What will the transportation system need to look like to achieve the community's vision? Answering this question requires looking at the complex interactions between transportation and land use and considering potential trade-offs among different objectives. This breakout explores best practices in scenario planning at regional and state levels that integrate transportation and land use. What do the scenarios look like, how were they developed, and do they meet performance targets?

**OneBayArea Scenario Analysis: Surviving the Greenhouse Gas Era**

Dave Ory, Metropolitan Transportation Commission

**Scenario Planning in Oregon: The Next Step in Integrating Transportation and Land Use Planning**

Jerri Bohard, Oregon Department of Transportation

**DRCOG 2040 Metro Vision Plan Development: Scenario Formation and Analytical Tools**

Erik Sabina, Denver Regional Council of Governments

**Your Vision, Our Future—George Washington Region Scenario Planning Study**

Andy Waple, Fredericksburg (Virginia) Area Metropolitan Planning Organization; and Matt Noonkester, Seven Hills Town Planning Group, Inc.

**Breakout Group 3: Collaboration for Integrated Planning: Forming Effective Partnerships, *San Luis***

Alix Bockelman, Metropolitan Transportation Commission, *Moderator*

A transportation vision and its performance targets affect more than just the transportation system and often include projects that cross jurisdictional boundaries. This breakout focuses on examples of successful partnerships for integrated transportation planning: Who was invited to the table? How did it improve outcomes? What lessons can other agencies learn as they try to forge effective partnerships?

**I-15 Mobility Alliance: A Unified Partnership for Efficient Movement of People and Goods**

Sondra Rosenberg, Nevada Department of Transportation

**Collaborative Approaches to Performance-Based Planning**

Mell Henderson, Mid-America Regional Council

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## **FasTracks: Partnering to Complete the Vision**

Del Walker, Denver Regional Transportation District

10:00 a.m.–10:30 a.m., *38th Floor*

### **Morning Break**

10:30 a.m.–11:30 a.m., *Capitol Peak*

### **Linking Planning and Programming**

Sandi Kohrs, Colorado Department of Transportation, *Moderator*

This session showcases success stories where agencies are making the planning, project, and fund programming connection. Three agencies will highlight how they used their planning activities such as scenario planning and performance targets to inform their project selection and final funding program. The session explores the strategies used by these agencies to balance the tension between “project champions” and, sometimes contradictory, planning recommendations.

### **Making a Compelling Case: Using Performance Analysis to Guide Project Selection in the Bay Area**

Steve Heminger, Metropolitan Transportation Commission

### **Florida's Decision-Making Framework: From Plans to Investments**

Kathleen Neill, Florida Department of Transportation

### **FTA New Starts and Livability: Making it Happen at the Regional Level**

Charmaine Knighton, Federal Transit Administration

11:30 a.m.–1:00 p.m., *Mount Sopris*

### **Lunch and Overview of Denver Union Station**

Jerry Nery, Regional Transportation District, *Moderator*

Diane Barrett, Office of Mayor Michael B. Hancock, City and County of Denver; Chad Fuller, Public Finance and Infrastructure Banking, San Francisco, California; **Frank Cannon**, Continuum Partners, LLC, Denver, Colorado

During lunch, get acquainted with Denver Union Station and learn how it has transformed the downtown area.

1:15 p.m.–3:30 p.m.

### **Step Three: Turning Vision into Reality**

This session centers on selecting the best projects from the long-range plans developed in the previous steps and funding them in fiscally constrained transportation improvement programs (S/TIPs). The session begins with a panel of experts describing how their organizations (1) have embraced a performance-based project prioritization process that feeds the S/TIPs, (2) effectively sought public input and described the results of the S/TIPs, and (3) how their processes assisted policy makers to make more informed decisions. Three breakout sessions follow that focus on more detail in each of these three areas.

1:15 p.m.– 2:00 p.m., *Capitol Peak*

### **Panel Discussion**

Denise Jackson, Michigan Department of Transportation, *Moderator*

Three experts will set the stage for the breakout groups by describing how their agency effectively integrates prioritization, communication with the public, and informing decision makers into their project selection and programming process.

### **North Carolina's Transportation Reform—Prioritization, Outreach, and Reality**

David Wasserman, North Carolina Department of Transportation, **Handout 1, Handout 2**

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## **Going the Extra Mile: Integrating Prioritization, Outreach, and Politics into Transportation Planning in Hampton Roads, Virginia**

Camelia Ravanbahkt, Hampton Roads Transportation Planning Organization

## **Creating Regional Success Through Transportation: The Southeast Michigan Experience**

Jennifer Evans, Southeast Michigan Council of Governments

2:00 p.m.–3:30 p.m.

### **Breakout Groups**

#### **Breakout Group 1: Prioritization and Resource Allocation, Sunlight Peak**

Patricia Hendren, Washington Metropolitan Area Transit Authority, *Moderator*

This breakout group has five quick-burst presentations that focus on different approaches for prioritizing projects within and across modes at the state or MPO level, incorporating economic impact and environmental factors into prioritization, and applying fiscal reality to a prioritized list of projects.

#### **The “Weighty” Subject of Project Prioritization in Pennsylvania**

Jim Ritzman, Pennsylvania Department of Transportation

#### **Get it Done: Effective Prioritization, Programming, and Implementation of Local Transportation Projects**

Chris Lukasina and Shelby Powell, Capital Area Metropolitan Planning Organization (Raleigh, N.C.)

#### **Forging Innovation Through Project Prioritization**

Christie Gotti, North Central Texas Council of Governments

#### **Assessing Project Performance for the Bay Area’s First Sustainable Communities Strategy (Plan Bay Area)**

Dave Vautin, Metropolitan Transportation Commission

#### **U.S. DOT’s Final Four Strategic Direction—Driving Project Prioritization**

Bill Lawrence, Utah Department of Transportation

#### **Breakout Group 2: Communicating with the Public, Capitol Peak**

Suzann Rhodes, CDM Smith, *Moderator*

This breakout group uses a speed-presentation format that allows participants to circulate among multiple presenters to learn about innovative approaches for seeking input from the public and stakeholders on project selection and techniques for communicating the results of the prioritization process and projects programmed in the S/TIP.

#### **Getting Your “ACT” Together**

Jerri Bohard, Oregon Department of Transportation

#### **“STIP”ing to Better Communication in Maryland**

Reena Mathews, Maryland State Highway Administration

#### **“But My Mother Told Me Not to Talk to Strangers”**

Craig Casper, Pikes Peak Metropolitan Planning Organization

#### **2035 Regional Transportation Plan: A Roadmap for Engaging Stakeholders in Mobility Beyond Roads**

Mary Beth Ikard, Nashville Metropolitan Planning Organization

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### **Stakeholder Consensus: Nobody Said This Was “Gonna” Be Easy**

Scott Reed, Denver Regional Transportation District

### **Breakout Group 3: Assisting Policy Makers—Politics and Programming, San Luis**

Steve Pickrell, Cambridge Systematics, Inc., *Moderator*

This breakout group explores from both the state and MPO perspective how agencies have established prioritization processes that recognize both technical merit and political reality.

### **Meeting the Planning and Programming Challenges of Unplanned Pork**

Gian-Claudia Sciara, University of California, Davis

### **Making Cents: Georgia’s Transportation Sales Tax Referendum**

Cindy VanDyke, Georgia Department of Transportation

### **Politics and Programming—Observations from the Front**

Tom Brigham, HDR Alaska, Inc.

3:30 p.m.–4:00 p.m., *38th Floor*

### **Afternoon Break**

4:00 p.m.–5:30 p.m., *Capitol Peak*

### **Tools—Technology Showcase**

Participants are invited to explore a range of tools and technologies that planners and programmers are using to turn ideas into reality. Actual users of innovative tools will guide participants through case studies demonstrating the capabilities of a wide range of tools used for scenario development and testing, community engagement and priority setting, data visualization, investment analysis and prioritization, risk analysis, and more.

### **TREDIS Plan and Project-Level Economic Impact Analysis**

David Wasserman, North Carolina Department of Transportation; Deb Miller, Cambridge Systematics, Inc.; and Julie Lorenz, Burns & McDonald

### **Network-Level and Project-Level Benefit–Cost Analysis**

Nat Coley, Federal Highway Administration

### **MetroPulse Regional Indicators in Chicago**

Kermit Wies, Chicago Metropolitan Agency for Planning

### **ProjectTracker Software Federal Transportation Improvement Plan Application**

José Luis Cáceres, Sacramento Area Council of Governments, and Anne Heppel, EcoInteractive

### **Snapshot Analysis**

Jennifer Yeamans, Metropolitan Transportation Commission

### **UPlan Interactive Geographic Collaboration Tool**

John Thomas, Utah Department of Transportation

### **INRIX Traffic Information for Planning and Programming**

Wenjing Pu, Metropolitan Washington Council of Governments

### **Decision Lens Interstate Management Program Project Prioritization**

Michael Schultz, Pennsylvania Department of Transportation

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## CommunityViz Scenario Planning Software Application

Chris Lukasina, Capital Area Metropolitan Planning Organization, Raleigh, North Carolina; and Matt Noonkester, Seven Hills Town Planning Group

4:00 p.m.–5:30 p.m.

### Denver Union Station Tour

Tour Denver Union Station. The walking tour includes information on the storied history of Union Station (1800s to the present day). Learn about the early station buildings and famous travelers who visited Denver by train, hear about the new Union Station neighborhood and its transformation of downtown, get an update on the expansion of RTD's transit services coming to the area, and witness construction of the largest transportation redevelopment project in North America first hand. Participation limited to those with reservations.

6:00 p.m.–7:30 p.m.

### Amazing Race—Denver

Join a team of up to four participants to compete on a scavenger hunt—a fast-paced sightseeing tour through downtown Denver to find various local treasures. Please remember to bring your camera or cell phone camera and comfortable walking shoes.

6:30 p.m.–8:00 p.m.

### Dine About Town

Choose from six different select restaurants downtown that range in price and style, with something for every taste. Each group of eight conference participants will have a leader from the conference planning committee. Join in this opportunity to make new friends. Sign up at the registration desk—first come, first served.

## Friday, May 25

7:30 a.m.–8:30 a.m., 38th Floor

### Continental Breakfast

7:30 a.m.–noon, 38th Floor

### Registration

8:30 a.m.–10:00 a.m., Capitol Peak

### Step Four: Are We Making Progress?

Neil Pedersen, SHRP 2, Transportation Research Board, *Moderator*

This session addresses the question of whether we are making progress in improving the fit between the vision, long-range plans, capital programs, and eventual outcomes. Both technical and organizational challenges and solutions to tracking progress toward the vision will be explored, highlighting how the state of the practice has evolved over the last 10 years. The session will use a combination of brief expert presentations, moderated panel discussion, and audience questions-and-answers to consider the effectiveness of tools and methods for monitoring performance results, organizational structure for effective performance management, and understanding and managing the role of uncertainty and financial risk in the planning and programming process.

#### Tools and Methods for Monitoring Performance Results

Craig Newell, Michigan Department of Transportation

#### Tracking Implementation Progress with Snapshot Analysis

Jennifer Yeamans, Metropolitan Transportation Commission

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## **Managing Risk and Uncertainty in Capital Planning**

Jeff Carroll, CDM Smith

10:00 a.m.–10:30 a.m., *38th Floor*

### **Morning Break**

10:30 a.m.–noon, *Capitol Peak*

### **Bringing It Home and Closing**

Before leaving the conference and returning to the demands of your jobs, this three-part session will give you a road map to take what you have learned over the past 3 days and “bring it home.” First, the session begins with a presentation by a former state DOT CEO highlighting the best practices, inspiring programs, and exciting ideas from the conference sessions. You will then work in small groups to create an action plan to implement what you learned at the conference when you return to work. Finally, conference awards will be presented for winners from the bingo cards, Amazing Race–Denver, and best three ideas selected from the “fresh idea drop boxes” collected during the conference.

### **Introduction and Overview of Session**

Suzann Rhodes, CDM Smith

### **Making Planning Matter**

Gordon Proctor, Gordon Proctor & Associates

### **Small Group Exercise**

*(Attendees work in small groups to create “action plan” to implement new ideas from the conference on returning to work.)*

### **Presentation of Conference Awards**

Conference awards will be presented for winners from the bingo cards, Amazing Race–Denver, and best three ideas selected from the “fresh idea drop boxes” collected during the conference. Participants must be present to win.

Noon

### **Conference Adjourns**

## **Committee Meetings**

12:30 p.m.–2:00 p.m., *LaPlata Peak*

### **TRB Transportation Programming, Planning, and Systems Evaluation Committee (ADA50)**

*(All conference participants welcome; lunch provided to committee members only)*

12:30 p.m.–2:30p.m., *Castle*

### **TRB Multimodal Transportation Planning Committee (ADA10)**

*(All conference participants welcome; lunch provided to committee members only)*

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