Work Group Discussion

Sessions

After Lunch

SCOH Vice Chair, Neil Pedersen
FREIGHT

UPDATE

DAVE A. COLE, COMMISSIONER, MAINE DOT
CHAIR, SPECIAL COMMITTEE ON FREIGHT AND ECONOMIC DEVELOPMENT

LEO PENNE, AASHTO
SECRETARY, SPECIAL COMMITTEE ON INTERMODAL TRANSPORTATION AND ECONOMIC EXPANSION
Kevin Keith, CE Missouri DOT, **SCOH, SCOHTS, SCOR, Special Committee on U.S. Route Numbering, Climate Change Committee, ARTBA Coordination with Critical Corridors of Commerce**

Barbara Ivanov, Co-Director Freight Systems Division, Washington State DOT, **Chair-NAS.TRB Intermodal Freight Committee, Chair-NCHRP-panel "Potential Changes in Goods Movement and Freight in Changing Economic Systems and Demand,"** member-NCFRP- **Freight Sub-National Commodity Flow and Urban Freight Panels,** and NCHRP- **Surface Transportation Security Panel,** member -(AASHTO) **Freight Policy Committee and the Special Committee on Intermodal Transportation and Economic Expansion.**

Kevin Chesnik, Wisconsin DOT, **TIG, SCOH**

Melinda McGrath, Mississippi DOT, **SCOHTS-SM**

Juan Flores, Mississippi DOT

Alan Frew, Idaho DOT, **SCOH, Subcommittee on Highway Transport**

Emnie Perry, Missouri DOT, **NCFRP Panel Project -12, Specifications for Freight Transportation Data Architecture**

Shobna Varma, StarIsis Corporation
Freight

Work Group Chair

Kevin Keith, Chief Engineer, Missouri DOT
OBJECTIVE

- **AASHTO GOAL 1**: Re-establish transportation as a national priority

- **AASHTO STRATEGIC OBJECTIVE 1B**: Improve the national freight network to keep America competitive in the global economy

- **SCOH STRATEGIC OBJECTIVE ON FREIGHT**: Improve the national freight network to keep America competitive in the global economy.
THREE PROPOSED ACTIONS

- **ACTION 1:** SCOH support and collaborate with the AASHTO Freight Committees (Special Committee on Intermodal Transportation and Economic Expansion, Standing Committee on Rail Transportation, Standing Committee on Water Transportation, and the sub-committee on Highway Transport), FHWA, American Road and Transportation Builders Association (ARTBA), the American Trucking Association (ATA) and industry representatives:
  - to identify and define the national freight system and related intermodal connectors.

- **ACTION 2:** SCOH will support and participate with the AASHTO Freight Committees, FHWA, American Road and Transportation Builders Association (ARTBA), the American Trucking Association (ATA) and other industry representatives
  - **to review and assess bottlenecks and operational problems with freight movement** on the transportation system. This activity will also result in identification of engineering, freight and logistics best practices to minimize impacts and maximize system efficiencies related to operational deficiencies.
**ACTION 3:** SCOH will participate and advocate for freight initiatives in the authorization process and then provide **continued support for freight accommodations and development**.

- SCOH will work with freight and intermodal committees as well as industry stakeholders to **identify and support common themes of interest** among the groups.
CONGESTION

UPDATE

JIM MCDONNELL, AASHTO
CONGESTION

Work Group Participants- Scott Rawlins (Chair)

- Scott Rawlins, Nevada DOT, SCOH, Chair SSOM, Chair Advisory Committee for NCHRP 3-94 SOM Guidelines, Member of NCHRP 20-7 committee, Member of RTCC
- Mark S Bush, AASHTO, SHRP2, Member Reliability and TCC member, SSOM, member of ITE and NTOC, NTIMC and TRB related operations committees, and AASHTO IntelliDrive programs
- John Corbin, Wisconsin DOT, Member SSOM, Co-Chair, Mainstreaming Task Force, Chair of the National Traffic Incident Management Coalition, Member ITE Management & Operations Council, Member of the SHRP2 Reliability Track Technical Coordinating Committee, Member of the TRB Freeway Operations Committee
- Ted Trepanier, Washington DOT, IntelliDrive WG, SCOHTS, SCOHTS-SM, SSOM, Co-Chair Reliability and Technology Task Group, Subcommittee on Traffic Engineering
- Kris Balaji, Jacobs, ITS CA
- Gummada Murthy, Virginia DOT, IntelliDrive WG, SCOHTS-SM, Chair SSOM- Reliability task group, SSOM
- Daniela Bremmer, Washington DOT, Task Force Chair SSOM and SSOP
- Scott Cowherd, Virginia DOT, SSOM, 511 Coalition
- Shobna Varma, StarIsis Corporation
**OBJECTIVE**

- **AASHTO Goal 1:** Re-establish transportation as a national priority

- **AASHTO Strategic Objective 1F:** Create a congestion-free America through improvements to the multimodal transportation system and improve system performance through advanced technology and operations.

- **SCOH Strategic Objective Addressing Congestion:** Strive to create a congestion-free America *by integrating advanced technologies and enhanced operations* to efficiently manage the multimodal transportation system, while *strategically adding capacity* with a focus *on improving the performance of the overall system.*
FIVE PROPOSED ACTIONS

**Action 1:** SCOH will provide support and promote the **SHRP 2 program** that addresses congestion. This includes promoting **IntelliDrive**, identifying priority projects and **expediting the implementation** of these selected projects from **research to practice**. SCOH will accomplish this by creating an implementation task team that is responsible for delivering these projects expeditiously.

**Action 2:** SCOH will **advance innovative operations** to improve system performance by identifying best practices on emerging initiatives and organizational structures appropriate to **facilitate broad implementation**.
**CONGESTION (CONTINUED)**

- **ACTION 3:** SCOH will provide guidance on innovative ways to *strategically increase physical and operational capacity* to *maximize efficient operations and performance* of the national transportation network.

- **ACTION 3.1:** SCOH will accomplish this by funding a synthesis study to create a *compendium of national and international best practices, procedures and processes* that have been successful in *maximizing the operational efficiency* of the national transportation network.
  - Create a Congestion Management Toolkit

- **ACTION 3.2:** SCOH will conduct workshops to discuss, educate and train DOT personnel on using the Toolkit.
  - SCOH will facilitate work sessions to evaluate the feasibility of suggested systems operations and congestion performance goals and criteria delivered by the synthesis study to be applied to the national transportation network. SCOH will collaborate with the Standing Committee on Performance Management and other groups to refine and recommend the performance measures, criteria and goals as necessary.
OBJECTIVE

- **1998 SCOH STRATEGIC PLAN GOAL 3**: Develop and advocate implementation of state-of-the-art methods and techniques for highway preservation.

- **1998 SCOH OBJECTIVE**: System Preservation

- **SCOH STRATEGIC OBJECTIVE ON SYSTEM PRESERVATION**: Advance innovative technologies and state-of-the-art techniques, and adopt measurements providing intelligence to improve the condition of the entire highway system.
SYSTEM PRESERVATION

Work Group Participants- Scott Christie (Chair)

- Scott Christi, Pennsylvania DOT, SCOH, SCOPM
- Kevin Mahoney, Iowa DOT, Member SCOH, Member Planning Subcommittee on Asset Management
- Marvin G. Murphy, CE, West Virginia DOT, SCOH, SCOH Representative on Joint AASHTO-ACEC Task Force, SCOPM, SCOH Strategic Plan Groups: System Preservation and Project Delivery.
- Floyd Roehrich, CE, Arizona DOT, SCOH, SCOPM, SCOR
- Grant Levi, North Dakota, SCOH, TRAC, Chair- Sub-Committee of Materials, Chair- NCHRP 20-7 study on Electronic Publications
- Ken Kobetsky, AASHTO SCOH,
- Shobna Varma, StarIsis Corporation
THREE PROPOSED ACTIONS

- **ACTION 1:** SCOH will identify and implement primary technologies, strategies, materials and processes that support rapid construction, rehabilitation, preservation and maintenance of the highway system and improve the conditions of the existing highway system with minimum impact to traffic.

- **ACTION 2:** SCOH will assist the AASHTO Board of Directors in lobbying Congress and the public for adequate funding for system preservation. This will include analysis to support funding needs and involvement in the development of the reports like the Bottom Line Report and other publications that make the case for adequate funding for system preservation.

- **ACTION 3:** SCOH will actively support implementation of research being conducted in the SHRP2 Renewal track.
PROJECT DELIVERY

UPDATE

ON ENVIRONMENTAL STREAMLINING

SHANNON EGGLESTON, AASHTO
PROJECT DELIVERY

WORK GROUP PARTICIPANTS- GREG JOHNSON (CHAIR)

- Greg Johnson, CE, Michigan DOT, SCOH
- Marvin G. Murphy, CE, West Virginia DOT, SCOH, SCOPM, SCOH Representative on Joint AASHTO-ACEC Task Force, SCOH Strategic Plan Groups: System Preservation and Project Delivery
- Terry Gibson, CE, North Carolina DOT, SCOH
- Brian Blanchard, CE, Florida DOT, SCOH, TIG, NPHQ (National Partnership on Highway Quality)
- Joyce Taylor, Maine DOT, Member NCRP Panel 20-73 Accelerating Transportation Project and Program Delivery: Conception to Completion, Member, NCRP Domestic Scan 20-6 A, Scan 07-01, Best Practices on Project Delivery Management, Chair-Project Delivery Task Force, Standing Committee of Performance Measurement
- Richard Land, CE California DOT, SCOH, Vice Chair SCOD
- Shobna Varma, StarIsis Corporation
PROJECT DELIVERY

Work Group Chair

GREG JOHNSON, CHIEF ENGINEER, MICHIGAN DOT
**OBJECTIVE**

- **AASHTO Goal 4**: Assist State DOTs with leadership and performance

- **AASHTO Strategic Objective 1C**: Accelerate project delivery

- **AASHTO Strategic Objective 4B**: Provide a comprehensive framework for accelerated project delivery of all transportation projects

- **SCOH Strategic Objective on Project Delivery**: Support accelerated project delivery by contributing to environmental streamlining efforts and promoting agency best practices for expediting the design, review, construction and inspection of high-quality transportation projects.
FIVE PROPOSED ACTIONS

- **Action 1**: SCOH will continue efforts to *promote environmental streamlining*. SCOH will accomplish this through involvement with the Center for Environment Excellence and by *continuing to collaborate* with the Standing Committee on the Environment, Federal Highway Administration, federal resource agencies and national advocacy groups.

- **Action 2**: SCOH will continue to focus on opportunities to promote environmental streamlining and *accelerated project delivery in the upcoming Transportation Re-authorization Act*. SCOH will accomplish this by assigning a SCOH member as a liaison to the Reauthorization Steering Committee (RSC) or other appropriate body.
**Action 3:** SCOH will create a forum to review and discuss the findings of the 20-68 A, Domestic Scan and NCHRP 20-73 project, titled, “Accelerating Transportation Program and Project Delivery: Conception to Completion” and the findings of the SHRP2 capacity research project on collaborative decision making framework.

- SCOH will create a working group to further brainstorm and study the details of the research findings as it pertains to:
  - *Integrating project initiation and programming*
  - *Innovative right-of-way practices*
  - *Innovative construction practices*
  - *Timely decision making and involvement*

- The working group will identify actions that the AASHTO organization can take to assist states in implementing and integrating selected strategies successfully into practice. An example of a similar approach can be seen in the activities of TIG in working with states to implement successful technologies.
**PROJECT DELIVERY (CONTINUED)**

- **Action 4:** SCOH will task all appropriate SCOH Subcommittees to examine their standards, policies, manuals and recommended procedures to ensure they promote collaborative best practices identified for accelerating the design, construction, and inspection of high-quality transportation projects and promote collaborative project delivery.

- **Action 5:** SCOH will propose that the Standing Committee on Performance Management move the Subcommittee on Project Delivery to a subcommittee under SCOH tasked to address cross-cutting issues such as those listed below that are not covered by other subcommittees:
PRIORITIZATION OF ACTION ITEMS AND SCORING SHEETS

SHOBNA VARMA
SPECIAL
THANK YOU
TO AASHTO STAFF
MARTY VITALE
JIM MCDONNELL
KEN KOBETSKY

FOR ALL THE SUPPORT AT THE WORKSHOP