All SCOH committees are required to provide a Work Plan each Spring Meeting. See the SCOH Operating Procedures 3.1.2 Committee Work Plans on page 9. You may review this requirement by selecting the following link. http://highways.transportation.org/Documents/SCOHProcedures.pdf
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HIGHWAYS SUBCOMMITTEE ON BRIDGES AND STRUCTURES (SCOBS)

Officers:
Chair   Gregg C. Fredrick (Wyoming)
Vice Chair  Bruce Johnson (Oregon)
Secretary  Joseph L. Hartman (FHWA)
Assistant Secretary Raj Ailaney (FHWA)
AASHTO Liaison Patricia Bush (AASHTO)

Objectives and Current Activities:

- **Extend Bridge Service Life**
  - Participate in, monitor, and develop research topics targeted at extending service life such as: maintaining expansion joints, shielding bridge piers, foundation movement tolerances, GRS structures, welding, stainless steel girders, extending culvert service life, element level inspection quality, bridge preservation decision making, and assessing risk for bridge management.
  - Continue active participation in multiple SHRP2 products and assist in implementing these efforts to extend bridge service life, including R06A, R06G, R19A, and R19B.
  - Direct LRFD TSP-funded research on improving span lock design for bascule bridges

- **Assess Bridge Conditions**
  - Participate in, monitor, and develop research topics to promote robust bridge assessments such as: evaluation of in-service bridge joints, characterizing foundations and geotechnical features, in-service performance, evaluation, and rating of timber and covered bridges, and post event assessment of damage to bridges.
  - Work to correlate loads to deterioration and maintenance costs based on the results of USDOT Truck Size & Weight Study.
  - Participate in FHWA Long Term Bridge Program’s assessment of cluster bridges.
  - Evaluate emerging technologies in bridge inspection, weigh in motion, and structural health monitoring.

- **Maintain and Enhance a Knowledgeable Workforce**
  - Develop training and webinars on topics such as: the newly published LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, webinars to educate on wooden truss models, and 3D bridge information modeling.
  - Coordinate with PCI and the FHWA to develop training for advanced precast element design and construction.
  - Showcase the advantages of new welding processes.
  - Coordinate with FHWA on NHI training needs.
  - Participation in SHRP2 product implementation efforts to train DOT staff on use of bridge deck and tunnel evaluation technologies.

- **Maintain and Enhance the AASHTO Specifications**

- **Accelerate Bridge Delivery and Construction**
  - Participate in, monitor, and develop research topics targeted at Accelerated Bridge Construction Guide Specifications.
  - Develop specifications and training for design and construction of precast concrete bridge elements.

- **Optimize Structural Systems**
  - Initiate and participate in research from a variety of sources into topics such as design and construction of temporary bridges, fit-up of steel I-girder bridges, improved grades of structural steel,
- Stainless steel girders, update guidance on weathering steel, identify effective corrosion protection systems, longitudinally stiffened girders, curved tubular flange girders, orthotropic decks, MSE walls, drilled shaft foundations, large diameter open ended driven piles, and movable bridges.

- **Model and Manage Information Intelligently**
  - Develop design criteria and benchmark problems for 3D modeling.
  - Coordinate with AASHTOWare bridge software groups to enhance bridge design, bridge inventory and rating, deterioration modeling and asset management planning and programming.
  - Provide input and develop a national standard for maintaining the inventory, appraisal and condition data for tunnels.

- **Contribute to National Policy**
  - Continue to provide leadership into the Notice of Proposed Rulemakings resulting from MAP-21 legislation, including Bridge and Pavement Performance Measures, Asset Management, and National Tunnel Inspection Standards.
  - Promote a dedicated bridge repair/replacement funding mechanism.
  - Coordinate activities and collaborate with other AASHTO committees including: Performance Management, Design, Construction, Maintenance, Transportation Security and Emergency Management, NTPEP, AASHTOWare, and SHRP2 to better meet the long term goals of the Standing Committee on Highways.
  - Monitoring of research with policy implications including: the USDOT Truck Size & Weight Study and the TSP2 National Bridge Deck Overlay Task Group.

**New or Updated Publications:**
- **New Editions**
  - Guide Specification for Application of Coating Systems with Zinc-Rich Primers to Steel Bridges
  - Steel Bridge Erection Guide Specification
  - Guidelines for Steel Girder Bridge Analysis
- **Updates**
  - Revisions the LRFD Bridge Design Specifications
  - Bridge Welding Code (D1.5) to be published in 2016

**Resolutions:**
- Possible LRFD Technical Service Program contribution increase from for FY 2016.

**Future Meetings:**
- 2016 – June 27-30, 2016, Minneapolis, Minnesota
- 2017 – Washington
- 2018 - Vermont
Highways Subcommittee on Construction (SOC)

Officers
Chair: Malcolm Dougherty, Caltrans
Vice Chair: David Hoyne, VAOT
Secretary: Butch Wlaschin, FHWA
AASHTO Liaison: Greta Smith, AASHTO

General
- Develop the program for the SOC 2015 summer meeting in Little Rock Arkansas, August 9 through August 14, 2015.
- Progress the update of the 2008 Guide Specifications for Highway Construction.
- Work with FHWA on the deployment of EDC3 technologies.

Upcoming Meetings
- 2015, Little Rock, Arkansas
- 2016, Kalispell, Montana
- 2017, Cincinnati, Ohio

Computers and Technology Section (Emanuel Banks, Arkansas DOT)
- Advance Civil Integrated Management (related to FHWA’s Intelligent Construction Systems and Technologies initiative with AASHTO/AGC/ARTBA):
  - 3D/4D/5D modeling,
  - Automated Machine Control/Automated Machine Guidance (AMC/AMG),
  - Intelligent Compaction (IC),
  - e-Construction – document management, digital/e-signatures,
  - mobile applications/deployment – tablets,
  - Asset/data management and lifecycle, as-built.
- Promote Asset Management & Operations – physical features, customer contact software, tracking complaints repairs and costs, inventory:
  - programming projects,
  - as-built,
  - Systems/software being used and how well they work.
- Evaluate Construction Performance Measures:
  - Time, cost and quality,
  - Public relations,
  - Contractor evaluation/prequalification.

Contract Administration Section (Brenda O’Brien, Michigan DOT)
- Perform a DBE Peer Review to identify practices for the administration of DBE requirements: Current practices for determining Good Faith Effort, Commercially Useful Function and Project Goal Setting will be included. Also included will be the contractor’s perspective. The results may lead to a guidebook and include case studies.
- Conduct a survey on incentive/disincentive clauses for purposes other than timely contract completion: Many DOT’s are developing innovative I/D clauses for items such as storm water management, erosion control, air quality, noise, timely submittal of documentation, maintenance of traffic, safety, prompt pay, and more. The intent is to collect the various types of incentive/disincentive clauses and identify best practices.

Environmental and Human Resource Section (Rob Wight Utah DOT)
- Develop and Maintain a Competent Workforce: Explore best practices for training and certification of inspection staff. Support Domestic Scan NCHRP 20-68A. Determine if national or regional certification is prudent for inspectors.
• **Promote Sustainable Construction Practices:** Coordinate with SCOE and the Center for Environmental Excellence to identify mutual areas of guidance, procedures and research. Support efforts to utilize BMP flipbooks.

• **Promote Safety Within Work Zones:** Investigate safety cultures within DOT’s construction organization; consolidate and communicate best practices.
  o Promote work zone safety by exploring the use of positive barrier protection on short duration and mobile operations,
  o Explore alarms or other methods to improve worker and motorist safety. Identify products and best practices,
  o Promote methods to reduce speeds while maintaining mobility in work zones.

**Roadway and Structures Section (Marc Mastronardi, Georgia DOT)**

• **Continue working on Risk Based Inspection:** Identify specifications and best practices. This is a continuation from the 2013-2014 Work Plan.

• **Post Installation Inspection (PII) on Pipe Installation:** Conduct a survey of the DOT’s. What means and methods of post installation inspection are conducted nationwide.

• **Establishing Contract Time:** Conduct a survey to examine the impact of environmental work windows on the establishment of contract time.

**Research Section (Jeff Carpenter, Washington State DOT)**

• **Prepare and submit research proposal:** Generate a guidebook for Post-Award Contract Administration for Highway Projects delivered using Alternative Contracting Methods.

• **Prepare and submit research proposal:** Outlining the need for a regional disaster focused emergency contracting procedure.

• **Prepare and submit SCAN Tour proposal:** Focused on best practices to develop and maintain the competency of the Construction Inspector.

• **Monitor/participate on NCHRP 10-96:** Guide for Civil Integrated Management (CIM) in Departments of Transportation.

• **Monitor/participate on NCHRP 19-10:** AASHTO Partnering Handbook, Second Edition – focused on quantifying the costs and benefits associated with formal partnering.

• **NCHRP 20-7:** Solicit and steward submittals, approved by the Sections and Vice Chair – for consideration through the NCHRP 20-7 process.

**Goals**

The SOC’s 1 to 5 year goals are as follows:

• Align the annual meeting and section work plans with the SOC Strategic Plan.

• Identify performance measures (relative to construction) and work to integrate these measures nationwide.

• Enhance relationships between the SOC and the other subcommittees involved with project delivery.

• Update documents in the SOC purview (Guide Specifications for Highway Construction).
Committee Officers:
Chair Carlos Braceras, Utah
Vice Chair Joyce Taylor, Maine
Secretary Tom Everett, FHWA
Liaison Greta Smith, AASHTO

New or Updated Publications

- **Design guides published in 2013/14 and responsible committees:**
  - Pavement Management Guide – Joint Technical Committee on Pavements
  - Guide for Geometric Design of Transit Facilities on Highways and Street – Technical Committee for Geometric Design and the Transit Committee

- **Coming up in 2015 (early 2016):**
  - Pavement Construction and Design Handbook (web based) – Joint Technical Committee on Pavements
  - Guidelines for Value Engineering – Technical Committee for Value Engineering
  - AASHTO Policy on Design Standards Interstate System – Technical Committee on Geometric Design
  - AASHTO Guidelines for Geometric Design of Very-Low Volume Local Roads (<400ADT) - Technical Committee on Geometric Design
  - AASHTO Visualization Guide – Technical Committee on Environmental Design

Other Activities for the Coming Year

**Technical Committee on Cost Estimating**
- Produce a modular training companion for the Practical Guide to Cost Estimating that can be used by DOT's in classroom settings or as independent study. Training modules can be customized to meet training needs for individual agency practices and will include actual highway construction projects as exercise examples (NCHRP 20-7; Task 344).
- Continue to participate in efforts to widely implement risk management practices.
- Participate in the development and review of guidance and tools for estimating preliminary engineering costs (NCHRP 15-51).
- Develop and share cost estimating tools and strategies.
- Vet new cost estimating related research, highlight and expand on promising efforts for improving states’ cost estimating performance.
- Continue outreach efforts to ensure that the TCCE efforts focus on the estimating community needs

**Technical Committee on Environmental Design**
- Continuing the process of updating the Transportation Landscape Guide via NCHRP Project 20-7 Task 346
- Complete work on Visualization Guide and prepare for balloting and publication.

**Technical Committee on Geometric Design**
- Complete balloting and publication of AASHTO Policy on Design Standards Interstates System and the Very Low-Volume Local Roads Guidelines.
- Continue review of relevant research and continue process of updating the AASHTO Policy on Geometric Design of Highways and Streets.

**Technical Committee on Roadway Lighting**
- Continuing the process of updating the Roadway Lighting Guide.
- Working with members of the Materials Committee, an AASHTO LED Roadway Lighting Specification is being developed.
- Continuing discussion of new roadway lighting technologies, including possible risks and rewards.

**Technical Committee on Hydrology and Hydraulics**
• Drainage Manual Chapter 17 Bridge Work Group to focus on interim updates to the Drainage Manual Bridge chapter and develop drafts prior to the next annual meeting.
• Water Quality Work Group to focus on Water Quality including determining the need for interim updates to the Drainage Manual Water Quality chapters.
• Climate Change Work Group to develop a white paper reading its position on climate change related to water resources.
• LRFD Bridge Design Work Group to review hydraulics sections for consistency with TCHH documents.
• Newsletter work group solicits articles of interest to DOT HH staff and publishes newsletter twice a year. The Newsletter is called Hydrolink. A link to previous editions of Hydrolink may be accessed on the Technical Committee home page.

Technical Committee on Non-motorized Transportation
• 2015 TCNMT meeting being held concurrently with the SCOD meeting in Seattle Washington (September 21-24).
• Balloting for the AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities is anticipated to begin summer 2015.

Joint Technical Committee on Pavements
• The new Pavement Construction and Design Handbook is being balloted by Design and Materials, goal to publish as online document in summer of 2015.
• Pavement Performance Proposed rules input and review.
• Revitalize our working group on Sustainability by having an FHWA led webinar on a recent report on Sustainability of Pavements.

Technical Committee on Preconstruction Engineering Management
• Continuing work on NCHRP Project 15-51, entitled Pre-construction Services Cost Estimating Guidebook

Technical Committee on Roadside Safety
• Reviewing and updating the Manual on Assessing Safety Hardware (MASH)
• Reviewing recommendations from NTSB
• Reviewing approval process for acceptance of roadside hardware crash testing with FHWA

Technical Committee on Value Engineering
• Establish and maintain policy guidelines for states developing and implementing Value Engineering Programs
• Develop policies and practices for Risk Management practices
• Value Engineering Workshop August 3 through 6, 2015 Washington DC

Upcoming Meetings
• 2015 – Seattle Washington, September 21-24
• 2016 – Region 1, Maryland (final dates and location to be determined)
• 2017 – Region 3, TBD
HIGHWAYS SUBCOMMITTEE ON HIGHWAY TRANSPORT

Officers
Chair: Vacant
Vice-Chair: Jeff Honefanger, Ohio
Secretary: Tom Kearney, FHWA
AASHTO Liaison: Chris Smith

Task Force Chairs:
Vacant, Operations
Randy Braden, AL, Permitting
Bill Gardner, MN, Highway Freight Movement

Regional Chairs:
Matt Hedge, PA, NASTO
Wayne Davis, VA, SASHTO
Ted Coulianos, MN, MAASTO
Jim Wright, WA, WASHTO

Schedule of New/Updated Publications (printed and online)
• Best practices for High Wide and Heavy Corridors, ongoing
• Compendium of Smart Roadside Technologies, ongoing

Activities for 2015-2016

Priority and Specific Activity Areas

Highway Freight Movement
The implementation of MAP-21 (PL 112-141), in particular the three truck studies and more generally the freight provisions, will be a high priority with the potential for dramatic and unpredictable impact on the Work Plan. Additionally, legislative reauthorization proposals for MAP-21, which expires on October 1, will likely be presented in the Congress this year.
- Continue to assess emerging technologies that facilitate highway freight movement efficiency and safety, including truck parking
- Assess ongoing legislative proposals in states and the Federal government related to truck size and weight
- Work with the AASHTO Standing Committee on Rail (SCORT) to improve practices for the prevention of rail-truck crashes, as well as other AASHTO freight modal committees

Permitting
Implement Board Resolution PR3-12, Actions to Reduce Impediments to Interstate Commerce: Harmonizing Requirements for Truck Permits – Phase II, will be the highest priority for SCOHT in this program year.
- Appoint of the Industry Advisory Committee.
- Develop best practices guide for high, wide, and heavy corridors.
- Develop guidance on coordinating permitting processes with local governments

Emergency Response
SCOHT made significant revisions to the Procedures for Coordinating Oversize/Overweight Truck Movements for Emergency Response and Relief to identify the respective AASHTO and USDOT procedures.
- Continue to implement Procedures for Coordinating Oversize/Overweight Truck Movements for Emergency Response and Relief
- Monitor highway operations issues related to emergency management, including events that impact freight modal shifts
Goals for Next 5 Years:

- Strive to continually improve and maximize the participation of partners in the commercial vehicle industry with the intent of finding joint solutions.
- Link SCOHT activities to other AASHTO activities in the areas of safety, security, operations and freight transportation.
- Identify potential research projects surrounding the subcommittee’s charge that would have a high degree of probability for implementable results.
- Work with AASHTO Freight Transportation Leadership Group (chairs of freight mode committees) to develop an integrated freight transportation effort concurrent with the adoption of a new AASHTO strategic plan.

General and Routine Tasks:

- Update membership list at least quarterly.
- Get Freight Movement and Infrastructure Task Forces well-established.
- Encourage more representation on SCOHT from the freight transportation, planning, and infrastructure divisions of State DOTs.
- Strengthen working relationships with SCOH Subcommittees by appointing liaisons to other AASHTO bodies.
- Monitor and respond to commercial vehicle legislative and regulatory proposals.
- Continue promoting communication with industry.
- Provide guidance to SCOH and BOD on legislative proposals for change in Federal truck size and weight laws.

Upcoming Meetings:
Subcommittee on Highway Transport Annual Meeting
Dates: July 7-9, 2015
Location: Salt Lake City, UT
2015 Highest Priority Work Plan Activities by SCOM Technical Work Group (TWG)

Bridge TWG:
- Support bridge related NCHRP projects and submit research problem statements.
- Serve as liaison/facilitator for TSP.2 regional bridge preservation partnerships and SCOM Leadership.
- Coordinate activities between AASHTO SCOBS and AASHTO SCOM through the appointed liaisons.
- Support SCOM leadership efforts to update the AASHTO Maintenance Manual for Roadways and Bridges.
- Provide comments on the FHWA NPRM for performance measures on bridges and for asset management.

Equipment TWG:
- Prioritize and implement the outcome of NCHRP Project 20-07/Task 309, A Strategic Plan for Equipment Management Research and develop and submit research problems statements to address needs.
- Promote and support professional development opportunities for equipment managers by cultivating training opportunities and certifications appropriate for state equipment managers.
- Support EMTSP Regional Partnerships: Northeast/Midwest/Southeast/Western Equipment Management and Managers Partnerships (MO) / Conference / Association (AK) Meetings (June – August 2015).
- Develop a model training and certification curriculum appropriate for state equipment managers by revising the skills matrix developed by the TC3.
- Develop, refine, promote and report common Performance Measures for equipment fleet management by applying PM through the EMTSP regional partnerships that have adopted by State DOT equipment fleets.

Pavement TWG:
- Review TRB/NCHRP Completed Research for possible publication as AASHTO Manuals or presentations in a series of “Pavement Preservation Book Club” webinars.
- R-26: Preservation Approaches for High-Traffic-Volume Roadways
- Support efforts to quantify the contributions of pavement preservation to safety and risk-based asset management programs.
- Assist in the development and implementation of Performance Measures to meet AASHTO member's pavement preservation program needs.
- Assist in the development and promotion of Pavement Preservation Life Cycle Assessment methodologies, including the demonstration of environmental benefits.

Roadway/Roadside TWG:
- Continue webinars and focus on getting presentations of completed research.
- Work towards delivering the NHI Maintenance Leadership Academy again this year.
- Support activities No Boundaries Pooled Fund, Implement Maintenance Innovations from State to State.
- Begin discussion on the need for consistent units of measurement in the MQA Programs.
- Explore the maintenance of Best Management Practices for Storm Water and Silt detention.

Highway Safety & Reliability TWG:
- Promote outputs from previous Winter Maintenance Peer Exchanges (Approach SICOP for lead and coordination - web maintenance support); Planning for 4th Winter Maintenance Peer Exchange (Sep15).
- Work with TC3 to locate or develop new training material – continue with strong liaison role.
- Support sustainability and sustainable practices in all maintenance practices through: AASHTO’s Center for Environmental Excellence; Advance state-of-the-practice in environmental stewardship by actively raising awareness and promoting best practices; Identify a liaison with the Standing Committee on Environment.
- Document highway safety needs in maintenance work zones and snow and ice control operations; and communicate those needs to SCOHTS to incorporate into their work plans.
- Collaborate with the FHWA Work Zone Management Program; Specifically the Peer-to-Peer Program and the
Smarter Work Zones initiative under Every Day Counts.

2014 Key Accomplishments:

Workforce Development:
- Worked with TSP.2, FHWA BPETG, and industry to collect maintenance training materials; Available on TSP.2 website; Supported TSP.2 2014 National Bridge Preservation Partnership (BPP) Conference.
- Hosted webinars and surveyed TWG members to discuss the Maintenance Manager Workshop, Work Zone Safety, and implementation of TC3 training materials. Held R/R TWG webinars (May14, Dec14).
- Developed nationally recognized Fleet Management Training thru new partnerships with NCDOT, Farris State, and the Four Regional Equipment Partnerships.

Research:
- Reviewed completed research for possible publication as AASHTO Manuals and assist with implementation of SHRP-2 products, especially R-26 and R-23.
- Two SCOM proposals approved as 20-7 projects: Best Practices for Collecting, Processing and Managing Roadway Asset Inventory Data; Reducing WZ Safety risks to workers from distracted drivers
- Re-prioritized research needs identified by NCHRP 20-7 Task 309 – Challenges and Opportunities: A Strategic Plan for Equipment Management Research.

Performance Measures:
- Assisted in the development and implementation of performance measures that can be effectively utilized by member agencies to meet the requirements of MAP-21.
- Improved reliability via efforts that connect TSM&O, including SHRP2 and the Operations Center of Excellence. Led SCOMs resolution to support the Operations Center of Excellence.
- Successfully completed the AASHTO Triennial Review of the Equipment Management TSP.

Environment:
- Supported the development of life cycle assessment methodologies that demonstrate the environmental benefits of pavement preservation techniques and strategies.
- Provided input on Phase II of research project “Standard Practice for Washing and Cleaning Concrete Bridge Decks and Substructure Bridge Seats; final report issued.

Resolutions
Six Resolutions were discussed; no vote/official ballot was taken without a quorum at the 2014 SCOM Annual Meeting held July 2014 in Charleston, West Virginia. Resolution 14-06: Fall Protection requirement for highway workers on existing bridges was approved by SCOH and BOD in October 2014. The panel is being formed with Chris Christopher as the AASHTO SCOM volunteer. The other resolutions listed below did not need to be balloted by SCOH:
- Resolution 14-01 Feasibility of the Establishment of a TSP for Maintenance Quality Assurance
  Results: Work to accomplish this task is part of the larger task order with FHWA which is under review.
- Resolution 14-02 Establishment of a Research Liaison for SCOM
  Results: A letter was written in lieu of a resolution to appoint Joe Baker, RIDOT.
- Resolution 14-03 Formalizing the Attendance of the TSP-2 Regional Bridge Preservation Partnerships at the Annual SCOM Meeting - Results: No update at this time.
- Resolution 14-04 Support for FHWA Pavement Preservation Expert Task Group
  Results: No update at this time.
- Resolution 14-05 Support for Continuing and Expanding Pavement Preservation Research
  Results: No update at this time.
- Resolution 14-07 NAATSHO - Results: An invitation letter was sent out.

Other Activities for the Coming Year
The Subcommittee Summer Meeting will be held jointly with TRB in Des Moines, Iowa from July 18–23, 2015.
HIGHWAYS SUBCOMMITTEE ON MATERIALS

Officers:
- Chair: Moe Jamshidi, Nebraska
- Vice-Chair: Cole Mullis, Oregon
- Secretary: Jack Springer, FHWA
- AASHTO Liaison: Evan Rothblatt

Publications & Meetings
- Re-established and revised AASHTO Recycled Materials Coordinator role (previously Task Force on Recycled Materials); working with FHWA to establish a counterpart. (Rothblatt)
- SOM Research Task Force developed to work with TRB committees through the TRB Committee Research Coordinators Council (CRCC). Will also work with newly re-established AASHTO/FHWA recycling coordinators. (Springer/Rothblatt/Geary)
- Manage SOM Technical Service Program to assist in the development of AASHTO Materials Standards (DAMS) (Rothblatt)
- Developing a training/refresher presentation for the SOM on overall structure and processes, including how to write new specifications and test methods and the balloting process (SOM)
- Continue to review the performance of the electronic balloting system in order to optimize its functionality
- Conduct mid-year technical section meetings by webinar. (Rothblatt)
- SOM Executive Committee convene at AASHTO HQ to establish annual meeting agenda, meet with publications, and hold AMRL Advanced Task Group meeting. (Executive Committee/Rothblatt/Lenker)
- Further implementation of strategic recommendations for the structure and operation of the SOM. This will include revisions to the balloting process, developing a rolling ballot procedure to help transition to web based specifications. (Executive Committee/Rothblatt/Grady)
- REOB Task Force created to report to SCOH in response the resolution from Fall 2014 AASHTO Annual Meeting. (Rothblatt/Ahearn)
- Participate in FHWA Asphalt ETG Spring and Fall Meetings (Rothblatt)
- Begin planning for the 102nd meeting of the SOM (Executive Committee)

AMRL
- Maintain and grow services to states for laboratory assessment and proficiency sample testing of construction materials.
- Provide tools for states to use to monitor the accreditation status of laboratories providing testing services for state and federal projects.
- Provide staff support and expertise for execution and further growth of AASHTO Accreditation Program.
- Develop a draft standard for accreditation of construction materials testing for SOM approval.
- Work in conjunction with Harper’s Enterprise and FHWA to update and further develop FHWA Highway Materials Engineering Course to be conducted online and at AMRL facility in Frederick, MD.
- Advise SOM on how to revise relevant materials standards to replace thermometric devices and other currently-specified equipment that contains mercury.
- Provide observations from the field and comments on AASHTO standards to SOM to assist with standards development.
- Assist SOM Technical Sections and provide technical assistance to aid in the development and promulgation of AASHTO standards.

Research
- Submission of the proposed studies for NCHRP 20-7 (Executive Committee/Rothblatt)
- Submission of the proposed studies for NCHRP. Require submittal of research proposals by July 14th so Committee members have time to review before Annual meeting. (Executive Committee/Rothblatt)

Goals for Next 5 Years:
- Update SOM Operating Guidelines. (Executive Council)
- Annually publish the Standard Specifications for Transportation Materials and Methods. (Rothblatt/Grady)
- Completely transition toward web-based version of materials specifications. (Rothblatt/Grady)
Increase use of Internet and AASHTO Website in standards development, SOM organization and operations, and sharing of technical information through 2015. (Rothblatt).

Review implementation of SHRP2 products and tools and potentially develop new standards based on new technology. (SOM)

Communicate to SOM the status of AASHTOWare Project Construction and Materials. (AASHTO Staff)

Review status of agreement with ASTM to distribute AASHTO standards. (Rothblatt/Grady)

Improve and increase the interaction between the SOM and other subcommittees. (Executive Committee/SCOH)

Work more closely with the JTCoP and include them in our annual meeting.

Increase the participation of non-DOT SOM meeting participants in the ballot process (review and comments; no vote). Develop electronic flyer for distribution to academia. (Springer)

**Upcoming Meetings:**

- Subcommittee on Materials meeting
  - August 2 – August 7, 2015, Pittsburgh, PA (**101st Meeting**)
  - 2016: AASHTO Region 2 (South Carolina)
  - 2017: AASHTO Region 4 (Oregon)

Frequency: Subcommittee meeting occurs once per year, but a brief second meeting is held during the Transportation Research Board meeting in January to update subcommittee members on important issues.
Committee Officers

Chair
Matt DeLong, Michigan

Vice Chair, Right of Way
Phil Copeland, Georgia

Vice Chair, Utilities
Nelson Smith, Maryland

Vice Chair, Outdoor Advertising Control
Jim Spalla, Florida

Secretary and FHWA Right of Way Liaison
Virgil Pridemore, FHWA

FHWA Utility Liaison
Ken Leuderalbert, FHWA

AASHTO Liaison
Greta Smith, AASHTO

Work Planned for Year 2015-2016

Committee Business:

- Election of Officers: Terms for chair and the three vice chairs expire on June 30, 2016. Elections for these positions will be held at the Subcommittee’s Annual Conference in May 2016.
- Continue working with FHWA on the Every Day Counts initiative to identify and resolve key issues affecting Right of Way, Utilities, and Outdoor Advertising Control.
- Continue to provide strategic communication and information exchange through the Subcommittee website, located at http://rightofway.transportation.org/, and the online “Clearinghouse” resource for query, compilation, and distribution of results from topic-specific surveys submitted by the member states.
- Continue to integrate Outdoor Advertising Control into the Subcommittee operations and structure including the consideration of expansion of the Subcommittee Executive Board to include Outdoor Advertising representation for each of the AASHTO regions.
- Continue working on bringing active members to the Subcommittee and to the Executive Board.

Research Activities:

- The Subcommittee and NAHBA remain very active in national research through partnerships with FHWA and AASHTO. The Subcommittee has volunteers actively participating in these and many other studies and pilots. NAHBA, with Subcommittee support, will be once again pursuing funding to identify and collect data and facts to establish standards and practices adopted by the Federal/State Agreement in each state and to analyze that data and effective control measures utilized by the states in order to establish a consistent federal standard for effective control of the federally mandated outdoor advertising control program nationwide.
- The Subcommittee and NAHBA will participate in the overall AASHTO effort to improve research communication and understanding of research opportunities including funding opportunities, topic selection and research dissemination.

Technical Councils:

- The information exchange and policy development focus of the Technical Councils will continue through 2016. The Outdoor Advertising Technical Council will be reorganized to allow for more effective consideration of policy issues.

Awards:

- In 2016, the awards program will include Excellence in Right-of-Way, Excellence in Utility and the NAHBA Awards of Excellence. The Right-of-Way and Utility Awards are solicited, reviewed and winners selected jointly between FHWA and the Subcommittee. The NAHBA Awards are solicited, reviewed and winners selected jointly between FHWA and NAHBA.
- Awards will be presented at the 2016 Subcommittee Conference in Orlando, Florida.
- Additional information on these awards is available at: http://www.fhwa.dot.gov/utilities/2014awards.pdf; http://nahba.org; http://www.fhwa.dot.gov/real_estate/

Future Meetings:

- The Subcommittee’s 2016 Executive Board Meeting will be held in Orlando, Florida in January.
- The annual meeting of the Subcommittee will convene in Orlando, Florida April 30 - May 5, 2016.
Committee Officers
Chair: Vacant
Vice Chair: John Nisbet, WA DOT
Secretary: Jeff Lindley, FHWA
Liaison: Gummada Murthy, AASHTO

Work Planned for Year 2015 - 2016

Work Plan for Technical Work Group 1 - Systems Operation Strategies:
- Near Term Activities
  - Continue to refine a prioritized list of working group topics – Ongoing, topic survey in progress
  - Hold CV webinars to introduce the topic and provide examples of applications - Completed
  - Submitted NCHRP 20-7 Proposal – Complete and selected
  - Considering performance management and applications to support system operations - Ongoing
- Long-Term Activities
  - Identify near term topics for work group focus
  - Defining TWG role/s relative to the NOCoE and how to provide support
  - Explore possible research topics related to TSM&O for recommendation to the Research Working Group
  - Understand and define our role relative to the Connected Vehicle Taskforce
  - Identify crosscutting opportunities for multi discipline coordination

Work Plan for Task Force 2 Systems Operation Performance Measures:
1. MAP-21 System Performance/Reliability Performance Measures
   Objective: Prepare for and then execute a plan for soliciting and consolidating AASHTO member comments, and submitting a recommended response to the anticipated NPRM for System Performance/Reliability Performance Measures (currently expected to be released in April, 2015).
   a. Monitor FHWA progress toward issuing NPRM. Potentially reach out to FHWA to understand the direction they may be heading with the NPRM.
   b. Communicate with AASHTO STSMO committee and PM Work Group members any relevant information garnered from monitoring efforts.
   c. Anticipate questions, issues, positions AASHTO member agencies may have based on the original AASHTO SCOPM recommendations for System Performance/Reliability PMs, and form preliminary “position statements” within the PM Work Group as a starting point for when the NPRM is issued.
   d. Lay out a rapid response plan (appoint a small team with the right technical expertise and who are commit to participate in a tight time frame, a tentative schedule, plan for sharing information, receiving information, scheduling conference calls, etc.) to communicate, solicit feedback and determine consensus position of the Work Group to present the STSMO Leadership Team, STSMO as a whole, and then recommend to SCOPM as AASHTO’s response to the NPRM. We anticipate having 14-21 days at most to provide initial comments to SCOPM.
   e. Execute the rapid response plan upon issuance of the NPRM.
   f. Present an overview in a general session and conduct a PM Work Group breakout session at the STSMO Annual Meeting – content dependent on where we are at in the NPRM process and timeline.
2. Data Management & Capacity Building
   Objective: Support AASHTO member agencies’ goals to build their capacity to utilize available data to produce meaningful TSMO performance measures and conduct effective TSMO performance management.
   a. Work with the National Operations Center of Excellence (NOCoE) to develop a collaboration arrangement for how we will support each other in achieving the capacity building objective.
   b. Develop and execute a specific plan to engage member agencies, academia and private sector partners to identify and document leading practices and guidance for:
      - Categorizing and understanding the wide variety of TSMO related data, their sources and specific issues, such as data quality and uses across applications, disciplines and interest groups.
      - Application and effective utilization of national HERE data sets.
      - Integrating and analyzing data, including identification of effective tools and their associated pros, cons, and considerations for use.
c. Work with the NOCoE to produce and disseminate information and guidance to AASHTO member agencies, partners and interested parties; leverage the web-based knowledge transfer system.

Work Plan for TWG 3 Transportation Systems Management and Operation Research:

- Near-Term Actions
  - Close working relationship with RTSMO and TRB TSMO Committees
  - Focus on moving from research to implementation
  - Regular calls: Fourth Friday every month
  - TSM&O Research Themes
  - TSM&O and Decision Support Systems
  - TSM&O for Sustainability & Resilience
  - Workforce Development for TSM&O
  - Vehicle Technology Impacts (including Connected and Automated Vehicles) to Fleet Operations and Associated Impacts to TSM&O

- Long-Term Actions
  - Connected Vehicle Deployment Coalition and TSMO Research WG Integration
  - Autonomous Vehicle, Next Generation 511 and Other Technologies Deployment

Work Plan for TWG 4 Traffic Incident Management:

- Near-Term Actions
  - Support AASHTO and the Executive Leadership Group (ELG) by:
    - Providing a concise voice for transportation on TIM related topics
    - The development of model programs and research development
    - Supporting strong national, state, tribal, regional and local outreach initiatives involving transportation programs
  - Significantly improve transportation and economic sustainability by supporting:
    - SHRP2, National TIM Responder Training Course
    - Deployment of TIM Performance Measures nationally
    - National investment of building future transportation and public safety leaders
    - Integration of traffic incident management (TIM) principals into state strategic Highway Safety Plans (SHSP)
    - Program development in rural communities

- Long Term: Alignment with TIM ELG Leadership Agenda:
  - Serve as national resource for TIM performance measurement, data collection and assessment
  - Institutionalize TIM Training by the development of Senior Command School
  - Continue to improve relationships between TIM disciplines
  - Improve communication with key stakeholders
  - Continue with developing TIM Priorities
  - Advance NCHRP research

Annual Meeting
The 2015 STSMO Meeting will be held May 31-June 3, 2015, in conjunction with the ITS America Annual Meeting in Pittsburgh, Pennsylvania.
HIGHWAYS SUBCOMMITTEE ON TRAFFIC ENGINEERING

Officers:
Chair          John Barton, Texas
Vice Chair     Mark Wilson, Florida
Secretary      Mark Kehrli, FHWA
AASHTO Liaison Jameelah Hayes, AASHTO

Proposed Schedule
Plans for 2015-2016 include continuing work with the NCUTCD, including the mid-year meeting in January, summer meeting in June, and proposed changes to the MUTCD. The Notice of Proposed Amendments (NPA) for the next MUTCD is scheduled to be released by FHWA in Summer 2015 and SCOTE will be working with the NCUTCD and AASHTO to provide comments to NCUTCD and FHWA. SCOTE will be developing a Strategic Plan for the subcommittee which will be a topic of discussion at the 2015 Annual Meeting being held in San Antonio, Texas on June 14-17, 2015.

2015 SCOTE Technical Working Groups Highest Priority Work Plan Activities

A. Work Zone
   Technical Team Chair: Neil Boudreau, Massachusetts Department of Transportation
   • Continue to monitor and provide support for on-going work zone research efforts (NCHRP 03-107: Work Zone Capacity for the HCM and NCHRP 17-61: Effect of Work Zones on Crash Characteristics and Countermeasure Guidance) and foster new research problem statements.
   • Assist FHWA with the Every Day Counts 3 – Smarter Work Zones effort to encourage expanding the use of project coordination techniques and portable ITS technology applications.
   • Conduct a review of State DOT policies/standards to address pedestrian accessibility in the work zone to identify best practices.
   • Survey State DOT’s on how they are addressing work zone performance measures and prepare a summary document that can be shared with AASHTO members and FHWA.

B. Signing and Marking
   Technical Team Chair: Mark Bott, Michigan Department of Transportation
   • The updated AASHTO Guideline for Selection of Supplemental Guide Signs for Traffic Generators Adjacent to Freeways will be balloted to SCOTE.
   • Convert the paper publication of the List of Control Cities for Use in Guide Signs on Interstate Highways to an electronic document and listing on the SCOTE website.
   • Work with the NCUTCD on the reformatting proposals by FHWA, providing guidance and input on the needs of the states for that important document.

C. Traffic Signals and Roadway Lighting
   Technical Team Chair: Mark Luszcz, Delaware Department of Transportation
   • Continue coordination with AASHTO Subcommittee on Materials about a potential LED Roadway Lighting Specification.
   • Continue participation with JTC to update the AASHTO Lighting Guide which is scheduled to be published in 2016.
   • Continue providing oversight for the ongoing NCHRP projects and see them completed.
   • Review and comment on ITE Recommended Practice on Change and Clearance Intervals.

D. Safety and Security
   Technical Team Chair: J. Kevin Lacy, North Carolina Department of Transportation
   • Continue to work identify best practices for safety performance measures.
   • Work closely with the FHWA Safety Program to promote their projects and programs including new systemic efforts.
E. Traffic Design, Regulation and Management

Technical Team Chair: Mark Wilson, Florida Department of Transportation

- Continue to review new proposed or new passed State Laws that are related to traffic regulations and how the MUTCD address these new laws.
- Evaluate the need for this Technical Team as a "permanent team" or as an “as needed” team during the SCOTE Strategic Plan effort.
Committee Officers:
Chair          Rich Tetreault, Vermont
Vice Chair     Tom Byron, Florida
Secretary      Hari Kalla, FHWA
Liaison        Greta Smith, AASHTO

2015 Spring Meeting

Work Planned for Year 2015-2016

The A.I.I will continue support for the Technologies that are currently active which include the following:

<table>
<thead>
<tr>
<th>Product</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequential Barricade Warning Light System</td>
<td>Webinar February 2015</td>
</tr>
<tr>
<td>e-Construction</td>
<td>Support state presentations for EDC summits and assist with coordination of peer exchanges</td>
</tr>
<tr>
<td>Existing ROW plans Index Site</td>
<td>Kick off meeting scheduled for December 11 &amp; 12. Outreach throughout 2015</td>
</tr>
<tr>
<td>Carbon Fiber Reinforcing Prestressing Strands</td>
<td>Developed workplan March 2015</td>
</tr>
<tr>
<td>Prep-ME</td>
<td>Webinar 2015</td>
</tr>
<tr>
<td>Bridge Expansion Joint System</td>
<td>Webinar 2015</td>
</tr>
<tr>
<td>Sandwich Plate System for Bridge Decks</td>
<td>Webinar 2015</td>
</tr>
</tbody>
</table>

Additional information on all technologies may be found at http://aii.transportation.org

Additional Technology selection was delayed this spring due to an in depth budget review and analysis of the programs focus and path forward. Several nominations from the fall of 2014 have been considered and will be reviewed for funding at the annual meeting in Chicago.

Committee Meetings:

September 24, 2015 Chicago, Illinois (7 AM to Noon) immediately prior to the annual SCOH meeting.
Review of Previous Year Successes

The Subcommittee on Asset Management Subcommittee marked several important accomplishments last year. The subcommittee has continued an on-going series of webinars focused on implementing transportation asset management within State DOTs. These webinars are co-hosted by AASHTO and FHWA and occur on a bi-monthly basis. To date, each webinar has had 200 connections, representing over 600 people. The subcommittee also held two different business meetings at both the AASHTO Annual Meeting and the TRB Annual Meeting. Both were well-attended with good discussion. Finally, the subcommittee has been providing FHWA with input regarding the MAP-21 asset management requirements.

Activities for the Coming Year:

- **2015**
  - Continued promotion of the Transportation Asset Management Guide: A Focus on Implementation
  - On-going AASHTO/FHWA Transportation Asset Management Bi-Monthly Webinar Series
  - August 2015: Subcommittee summer meeting in coordination with peer exchange on enterprise risk management hosted by Minnesota DOT.
  - September 2015: Subcommittee meeting at AASHTO Annual Meeting.
  - January 2015: Joint AASHTO/TRB Asset Management Meeting at TRB Annual Meeting.
  - May 2015: 11th National Transportation Asset Management Conference (Minneapolis, MN)

The subcommittee will be working with its members to identify project panels for TRB consideration. The subcommittee will be working closely with the TRB Asset Management Committee on joint activities throughout 2014. The initial effort will be Transportation Asset Management Action Plan developed during the 9th National Transportation Asset Management Conference that will enable TRB, FHWA and AASHTO to work together in a more coordinated fashion. We will continue to work jointly on developing research problem statements for submission to NCHRP and various standing committee research programs. Matt Hardy will also work with other stakeholder organizations (APTA/AMPO) in promoting transportation asset management principles and the Implementation Guide.
SPECIAL COMMITTEE ON US ROUTE NUMBERING

Officers:
Chair: Gregory Johnson, MI, Region 3
Members: Richard Tetreault, VT, Region 1
          Mark McConnell, MS, Region 2
          John Barton, TX, Region 4
          Marty Vitale, AASHTO, Secretary

Review of Subcommittee Charge Statement:
1. The charge statement has been reviewed and determined to be relevant. The policy statements are current and relevant; however the committee wishes to discuss an item #10 for inclusion in HO2 that is similar to HO1 #16. Consider Adding a Number 10 to HO2 (Interstate policy). This would entail presenting SCOH and the AASHTO Board of Directors an administrative resolution.
   a. “16. Notwithstanding established policies, AASHTO recognizes that Congress on occasion will establish highway routes, specifying the location of the route as well as designating the route number(s) to be used. In those instances when Congress designates a route, the state(s) affected will follow the established procedures relative to route numbering.” (HO1)

Schedule of New/Updated Publications and Other Activities for 2015-2016:
Continue progress with the online database. The states need to familiarize themselves with the database, utilize the data and update their records.

Expected Goals for Next 5 Years:
• Find a permanent location for the historical data and files for the Special Committee that dates back to 1926. These files should be scanned and saved on some type of disc for backup of all these records. We would like to hire a vendor by the end of 2015.

Upcoming Meetings:
• Special Committee USRN
   o 2015 Spring Meeting Wyoming (May 13, 2015)
SPECIAL COMMITTEE ON WIRELESS COMMUNICATIONS TECHNOLOGIES (SCOWCT)

Officers
Chair: Paul J. Steinman, P.E., FL
Vice Chair: David S. Chase, NH
Secretary: Vacant
AASHTO Liaison: William Brownlow
U.S. DOT Ex Officio Member: Vacant

Proposed Schedule

- Joint meeting with the Subcommittee on Maintenance, in Des Moines, IA on July 19th to the 23rd.

Other Activities For The Coming Year

- Reconstitution and revitalization of the Committee.
- Review and revise Committee membership.
- Review and Revise the Committee Charge Statement to reflect current programs and needs of the Standing Committee on Highways member departments.
- Develop a Strategic Plan based on the revision of the Committee Charge Statement.
- Participate in the Joint Committee meeting with the Subcommittee on Maintenance.
- Conduct Professional Development classes incorporating changes to Frequency Coordination policies.

The Committee sponsored a booth at the International Wireless Communications Expo in March 2015 and will continue this presence in 2016 to raise knowledge of the Frequency Coordination Technical Service Program. This is the largest event for the Public Safety Communications community, attended by more than 350 vendors, organizations, and several thousands of public safety communications officials.

Upcoming Meetings

- Develop and conduct quarterly committee meetings through the use of webinars.
- Attend and participate in First Responder Network Authority Public Safety Advisory Committee meetings as scheduled.
- Attend and participate in Department of Homeland Security Public Safety SAFECOM meetings as scheduled.
- Attend and participate in Department of Homeland Security Project 25 digital radio standards meetings as scheduled.
- Attend and participate in National Public Safety Telecommunications Council meetings as scheduled.
- Attend and participate in Land Mobile Communications Council meetings as scheduled.
- Attend and participate in Public Safety Communications Council Meetings as scheduled.
- Attend and participate in Transportation Research Board NCHRP panel meetings as scheduled.

Goals

Under the direction of its new Chair, the Committee will undertake a thorough review of its membership, charge statement and plans with the goal of increasing its relevance to state DOT operations and plans. The Committee will continue to raise the awareness within state DOT members of the Committee in two fronts. First, it will continue to participate and conduct joint meetings with other committees within AASHTO, the Transportation community, public safety and other industry groups with the objective of becoming the first resource used by member departments in developing plans for the inclusion of new technologies. Secondly, the Committee will seek to elevate the posture of the states’ DOTs and the transportation community within the Public Safety Community and at the Federal Communications Commission. Such visibility is critical to ensure that the emergency response communications needs of DOTs, transit, and critical infrastructure are known and appreciated by those responsible for planning communications systems.

The Committee will engage in educating members of each state’s executive leadership on the deployment of two
national initiatives; Connected and Autonomous Vehicle and the Public Safety Broadband Network managed by the First Responder Network Authority (FirstNet) which will seek access to existing state radio facilities and fiber networks.

The Committee will continue to represent the best interests of AASHTO and the transportation community by providing recommendations and comments to the FCC on Notices of Proposed Rule Making and at other opportunities to provide input to FCC policy. The SCOWCOT has been heavily involved in defending the 5.9 GHz band for Connected Vehicle technologies and supported ITS-America on several occasions on the same issue to prevent interference to this critical program.

The Committee emphasizes the need for all departments to maintain a trained staff of wireless and communications professionals, with the necessary visibility within the organizational structure to be incorporated in their department’s current and long range programs that can benefit from modern wireless communications technologies. This includes the need to support their attendance at AASHTO events and relevant trade shows that will help maintain currency of technical expertise in this most rapidly changing field.
XII. WORK PLANS 2015-2016

CHEYENNE, WYOMING – MAY 13-14, 2015

NTPEP OVERSIGHT COMMITTEE

| Officers | | |
|---|---|
| Chair: | Daniel Grasser (Wisconsin, Administrator) |
| Vice Chair: | Chris Peoples (North Carolina, Materials Engineer) |
| AASHTO Liaison: | Katheryn Malusky, Associate Program Manager for NTPEP |

| NTPEP Executive Committee: | David Kuniega (Pennsylvania) |
| | Danny Lane (Tennessee) |
| | Oak Metcalfe (Montana) |
| | Todd Bennett (Missouri) |
| | Derick Castle-DataMine Liaison (Kentucky) |
| | APEL Chairman (Vacant) |

Organizational and Administrative Framework

NTPEP is a pooled fund engineering technical service program which operates from AASHTO headquarters in Washington, DC. It is staffed by an associate program manager, a Manufacturing Auditor, and a Web Development and Engineering Administrator who are responsible for day-to-day operations, administration and coordination of the NTPEP program. The program coordinates testing and auditing of the manufacturing process of a wide array of highway safety devices, construction materials and maintenance products. Whenever possible, cooperative agreements are entered into with Industry Associations who are expert in their respective industries. For each class of product category under NTPEP, a Technical Committee of state DOT and Industry membership convenes annually in person and quarterly on conference calls to discuss the status of the ongoing and pending evaluations.

The NTPEP Committee is composed of up to three members from each AASHTO member department. They provide technical guidance to the program. Chairman and Vice Chairman of the NTPEP Committee are appointed by the AASHTO Executive Director. For administrative matters and industry appeals, a NTPEP Executive Committee (EC), representing each of the AASHTO regions, is selected by the NTPEP Chairman. The NTPEP Committee regularly communicates with the Federal Highway Administration (FHWA) for technical guidance and input.

The AASHTO Product Evaluation Listing (APEL) was officially assigned to the NTPEP committee in the fall of 2011. This program assists states in the review and evaluation of proprietary products. With the APEL system there is an online reporting function for states to share information on products that have been certified for use according to 23 CFR 635.411(a)(2). The program also permits the manufacturers of these products an opportunity for independent evaluation and reporting through the AASHTO APEL process. Currently there are 5 products in various stages of the evaluation process. AASHTO staff coordinates this program with the APEL council that is made up of representatives from the AASHTO regions and a chairman appointed by the NTPEP Executive council. Staff also coordinates activities to include the product evaluation coordinators in all AASHTO Member Departments.

Proposed Schedule of Activities for Upcoming Year:

During the 2015 fiscal year, NTPEP intends to conduct major field product evaluation projects and nationally-coordinated laboratory testing and audit programs in the following product categories:

1. Concrete Admixtures
2. Concrete Curing Compounds
3. Reflective Signing Materials
4. Construction Zone Roll Signing Materials
5. Temporary Traffic Control Devices (Drums, Cones, Flexible Delineators)
6. Pavement Marking Materials
7. Raised Pavement Markers (Snow-Plowable and Non-Plowable)
8. Rapid Set Concrete Patching Materials
9. Portable Changeable Message Signs and Flashing Arrow Panels
10. Erosion Control Products and Sediment Retention Devices
11. Geotextile Materials
12. Geosynthetic Reinforcement
13. Asphalt Release Agents
14. Protective Coatings for Structures (Steel and Concrete Coatings)
15. High Density Polyethylene Pipe
16. Polypropylene Pipe
17. PVC Pipe
18. Reinforcing Steel
19. Welded Wire Reinforcement
20. Polymer Overlay Materials (High Friction Surfacing and Bridge Deck Overlay materials)
21. Epoxy and Resin Based Adhesive Bonding Systems
22. Elastomeric Bridge Bearing Pads
23. Warm Mix Additives
24. Guardrail/ Guiderail
25. Concrete Coatings
26. Spray Applied Non-Structural Pipe Liners

Ongoing Activities supporting NTPEP and APEL expansion and promotion:

- NTPEP is positioned well to continue to grow. There is no comparable program collaboratively overseen by state agencies that provides the information and support provided through NTPEP. Strategic growth through targeted outreach to member departments and industry associations has realized substantial growth in the appeal and use of NTPEP. Additionally, AASHTO staff and leadership of NTPEP suggest the following actions for continued outreach:
  - Attend subcommittee meetings and workshops that are not exclusively focused on the materials testing and evaluation of products. This would promote the participation of Subject Matter Experts from other areas within the Member Departments in the program and allow the program to serve a wider audience within AASHTO.
  - Capitalize on the private partners who participate in NTPEP. This may include attending and presenting the value of the program at industry conferences and trade associations.
  - Encourage members of the appropriate Subcommittees (focusing first on Materials and Traffic Engineering) to become participating members of NTPEP. This will provide continuity and input for program acceptance at all levels within the member department. Additional participants from states would be encouraged to attend the meeting, but significant participation through Technical Committee conference calls and working meetings will allow expanded DOT participation as well.

Goals for Next 3 Years:

- Within the next 3 years, NTPEP plans to expand our services to the member departments in the following areas:

<table>
<thead>
<tr>
<th>Audit Programs:</th>
<th>Product Evaluation Programs:</th>
</tr>
</thead>
<tbody>
<tr>
<td>o Guardrail (AASHTO M180)/ Guiderail (AASHTO M30)</td>
<td>o Warm Mix Additives</td>
</tr>
<tr>
<td>o Elastomeric Bridge Bearing Pads (AASHTO M251)</td>
<td>o Timber Products</td>
</tr>
<tr>
<td>o Erosion Control Products</td>
<td>o Portland Cement</td>
</tr>
<tr>
<td>o Metal Pipe (AASHTO M36)</td>
<td>o Manhole Covers</td>
</tr>
<tr>
<td>o Reinforced Polyethylene Pipe (AASHTO MP20)</td>
<td>o Truncated Domes</td>
</tr>
</tbody>
</table>

- NTPEP will continue to provide updates and information sessions to all users regarding revisions to DataMine and the benefits that can be realized by the use of the online data repository.
- Restructure the NTPEP staff with additional resources for efficient and improved management of the program.
- Evaluate the use of the program by member departments. Determine needs and appropriate evaluations for expanding services to state members.

Upcoming Meetings:
2015 Annual NTPEP Meeting
- Dates: May 17th through May 21st – Location: Scottsdale, Arizona
TC3 (TRANSPORTATION CURRICULUM COORDINATION COUNCIL)

Officers
Chair: Tom Bryon (Florida, Chief Engineer)
Vice Chair: Mark Chaput (Michigan, Deputy Bureau Director)
AASHTO Liaison: Keith Platte, Program Manager
TC3 Executive Board:
Christine Anderson (Iowa)
Jeff Saddler (Utah)
James Feda (South Carolina)
Kenneth Cox (Florida)
Chris Peoples (North Carolina)
Darby Clayton (West Virginia)
Leo Stevens (Retired)
Woody Hood (Maryland)
Vacant

Organizational and Administrative Framework

TC3 is a relatively new AASHTO Engineering technical service program. It is staffed by one AASHTO employee, Program Manager, who allocates 1/3 of their time to the program. The Executive Board directs the day-to-day operations, administration and coordination of the TC3 program. The program develops, maintains and delivers training for the technical transportation professionals in three focus areas: Construction, Materials and Maintenance. This work is conducted through the Executive Board and the 6 committees (Committee for Course Development and Distribution, Committee for Core Curriculum Matrix Implementation, Committee for Communications/Marketing and Resource Advancement, Committee for Performance Measurements, Committee for Technology Initiatives, and Committee for Partner Outreach) under TC3.

The goal of TC3 is to have at least one member from each AASHTO member department. These members provide technical guidance to the program. Chairman and Vice Chairman of the TC3 Committee are appointed by the AASHTO Executive Director. For administrative matters and other items, TC3 has an Executive Board, with representation from three SCOH Subcommittees (Materials, Construction, and Maintenance), the five regional training groups, FHWA, and one at large member. The TC3 Committee regularly communicates with the FHWA and NHI for technical guidance and input.

Proposed Schedule of Activities for Upcoming Year:

From May 2015 through the 2016 fiscal year, TC3 will focus on:
- Transitioning from NHI hosting to an AASHTO hosted platform for all courses
- Updating more than 80 plus courses
- Developing 20 plus hours of new courses
- Increasing participation of member agencies in TC3, both financially and through membership

Goals for Next 3 Years:

- Promote the use of TC3 training
- Continue the partnership with the Subcommittees on Materials, Maintenance and Construction
- Look for other AASHTO Committees to partner with in the development and delivery of web based training
- Establish a greater presence in the transportation and AASHTO community.

Upcoming Meetings:

TC3 2016 annual meeting
- Dates: April – Location: TBD