

Rapport d'activités des CN 2013

2013 Activity Report of NCs

RÉSUMÉ

SUMMARY

| Article / Question | Item / Question |
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1. Information générale

1. General information

Pays

Country

United States of America

Nom du CN

Name of NC

American Association of State and Transportation Officials - AASHTO

Président du CN

Chairman of NC

Frederick (Bud) Wright, Executive Director, AASHTO

Secrétaire du CN

Secretary of NC

Jim McDonnell, Engineering Program Director, AASHTO

E-mail du président et du secrétariat de la NC

E-Mail address of Chairman and secretariat of NC

bwright@ashto.orgjmcdonnell@ashto.org

Nombre the membres individuels / collectifs

Number of individual / collective members

52 states plus four private sector and four university representatives as collective members

Organisation et structure

Organisation and structure

In September 2011 a Memorandum of Understanding was entered into between AASHTO and the World Road Association for AASHTO to be recognised as the PIARC National Committee of the United States of America. AASHTO is a non-profit, nonpartisan association representing highway and transportation departments in the 50 states, the District of Columbia, and Puerto Rico, which represents all transportation modes. AASHTO is an exchange forum gathering the main entities of public and private road sectors in the USA. AASHTO utilizes its Standing Committees as main entity for disseminating information to statedepartments of transportation and others. We utilize existing arrangements with many associations representing the private sector including ACEC, ARTBA and AGC and NACE for local governments.

2. Conférences, séminaires, réunions des CT en 2013**2. Conferences, Seminars, TC meetings in 2013****Organisation des CN: nationale/internationale****Organisation by NCs: national/international**

AASHTO has entered into a MOC between Federal Highway Administration of the US Department of Transportation

Travail conjoint avec d'autres organisations nationales**Joint organisation with other national institutions**

Transportation Research Board

Travail conjoint avec d'autres CN**Joint organisation with other NC**

AASHTO has collaborative agreements with Austroads, Transportation Association of Canada, and Korea Expressway Corporation.

Réunions des CT**TC meetings**

January 14, 2013: National Committee of USA met during the TRB annual meeting in Washington, DC
February 12-15, 2013: PIARC Executive Committee meeting, Washington, DC
March 10-11, 2013: TC 1.2 Financing Montreal, Quebec, Canada (Patterson present)
March 19-20, 2013: TC 1.4 Road Transport System Economics and Social Development (Baki and White present)
March 25-26, 2013: TC 4.1 Management of Road Assets (Gaj present)
April 9-10, 2013: TC 3.1 National Road Safety Policies and Programs Gothenburg, Sweden (Hull and Ritter present)
April 16-17, 2013: Road Tunnel Operations London, England (no attendance from NC-USA)
April 16-17, 2013: TC 1.3 Climate Change and Sustainability Ljubljana, Slovenia (Marchese attended)
May 3-4, 2013: TC 2.2 Improved Mobility in Urban Areas Providence, Rhode Island, USA (Mundkur, Oakley, and Miller present)
May 13-16, 2013: TC 3.2 Design and Operation of Safer Road Infrastructure Victoria Falls, Zimbabwe, Africa (participants not listed in meeting minutes)
May 16-17, 2013: TC 2.5 Rural Road Systems and Accessibility to Rural Areas Rome, Italy (McGrath and Pritchett present)
May 21-24, 2013: TC 1.1 Performance of Transport administrations met in Vienna, Austria. (Yew and Campbell present)
May 23-24, 2013: TC 2.3 Freight Transport Chicago, Illinois (Gardner and Adams present)
May 23-24, 2013: TC 4.4 Earthworks & Unpaved Roads Paris, France (U.S not present)
May 28-29, 2013: TC 1.5 Risk Management Yukio Adachi, Japan (Lambert corresponding member present)
May 28-June 1, 2013: TF 2 Security Milan, Italy (Ernst present)
May 30-31, 2013: TC 2.1 Road Network Operation Singapore (Pol present)
June 3-7, 2013: TC 2.4 Winter Service Santiago, Chile (Nelson and Pisano [FHWA Alternate] present)
September 9-10, 2013: TC 4.2 Road Pavements meeting in Liege, Belgium (Vanikar, FHWA)
September 24-27, 2013: TC 1.1 International Seminar on Performance & Governance of Road and Transport Administrations. Arusha, Tanzania, Africa
September 30-October 1, 2013: TF 1 Road Safety Manual Warsaw, Poland (Cota, NH present)
October 2-5, 2013: TC 2.4 Winter Service Garmisch-Partenkirchen, Germany (Nelson present)
October 28-30, 2013: TC 2.3 Freight Transport Montevideo, Uruguay with seminar (Gardner and Adams present)

3. Publications en 2013**3. Publications in 2013**

| Publications nationales, rapports | | National publications, reports |
|--|--|---------------------------------------|
| Publication Code | Publication Title | Transmittal Date |
| MBE-2-I2 | 2013 Interim Revisions to the Manual for Bridge Evaluation, 2nd Edition | 1/3/2013 |
| UAAG-3 | Uniform Audit and Accounting Guide, 2012 Edition | 2/13/2013 |
| GBF-4-E1 | February 2013 Errata to the Guide for the Development of Bicycle Facilities, 4th Edition | 2/26/2013 |
| MG-6 | 2013 News Media Guide | 3/7/2013 |
| EST-1 | Practical Guide to Cost Estimating, 1st Edition | 3/11/2013 |
| SS-12 | 2012 AASHTO Salary Survey, 12th Edition | 4/9/2013 |
| LRFDUS-6-I1 | 2013 Interim Revisions to the AASHTO LRFD Bridge Design Specifications, 6th Edition | 4/19/2013 |
| LTS-6 | Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th Edition | 5/21/2013 |
| SSFP-7 | Survey of State Funding for Public Transportation, 7th Edition | 5/29/2013 |
| CA01-4/ | Commuting in America 2013 | |
| CA02-4 | Brief 1: Overview | 7/23/2013 |
| | Brief 2: The Role of Commuting in Overall Travel | |
| WTF-1 | Waterborne Freight Transportation - Bottom Line Report | 7/30/2013 |
| GFRP-1-E1 | July 2013 Errata to the AASHTO LRFD Bridge Design Guide Specifications for GFRP-Reinforced Concrete Bridge Decks and Traffic Railings, 1st Edition | 7/30/2013 |
| HM-33-M | Materials Book, 33rd Edition & AASHTO Provisional Standards, 2013 Edition | 8/9/2013 |
| LRFDMOV-2-I5 | 2014 Interim Revisions to the AASHTO LRFD Movable Highway Bridge Design Specifications, 2nd Edition | 8/20/2013 |
| LRFDSEIS-2-I2 | 2014 Interim Revisions to the AASHTO Guide Specifications for LRFD Seismic Bridge Design, 2nd Edition | 8/21/2013 |
| HM-33-CD | Materials Book, 33rd Edition & AASHTO Provisional Standards, 2013 Edition--CD-ROM | 9/19/2013 |
| LTS-6-E1 | September 2013 Errata for Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th Edition | 9/25/2013 |
| CA03-4/ | | |
| CA04-4/ | Commuting in America 2013 Briefs 3, 4, 7 | 10/14/2013 |
| CA07-4 | | |

Articles dans Routes/Roads**Articles in Routes/Roads**

Article in preparation by member, Mara Campbell, MO (TC 1.1) for winter 2014.

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| Bulletin national ou revue des CN | National newsletter or magazine of NCs |
| Website: http://piarc.transportation.org/Pages/default.aspx | |

4. Soutien aux premiers délégués**4. Support to First Delegates****Nomination des membres des CT****Nomination of TC members**

Full Time members on 17 technical committees, with 5 english speaking secretaries, including FHWA

Enquêtes et sondages**Surveys and questionnaires**

Surveys and questionnaires are mention in highlights.

5. Congrès de l'AIPCR**5. PIARC Congresses****Congrès international de la Viabilité hivernale, Andorre 2014 (participation, préparation)****2014 Winter Road Congress, Andorra (participation, preparation)**

We will send a delegation for the 2014 Winter Road Congress and suggest state DOT Secretaries as speakers.

Congrès mondiale de la route, Séoul 2015 (participation, préparation)**2015 World Road Congress, Seoul (participation, preparation)**

We will send a delegation for the 2015 Road Congress and suggest state DOT Secretaries as speakers.

6. Autres activités en 2013**6. Other activities in 2013****Assemblée générale, réunions avec les membres des CT, rencontres avec d'autres organisations nationales****General Assembly, meetings with TC members, meetings with other national organisations**

Three AASHTO Delegates Bud Wright, AASHTO Executive Director; Mike Lewis, RI (2012-13 AASHTO President); and Kirk Steudle, MI (2011-12 AASHTO President) will attend and make formal presentations at the IRF/PIARC 17th IRF World Meeting & Exhibition in Riyadh, Saudi Arabia.

Relations internationales**International relations**

Active with the International Road Federation (IRF) and our Standing Committee Of Highways members are IRF members. Also, active with FIA on their Decade of Action campaign.

Promotion de l'AIPCR**Promotion of PIARC**

Through our our website: <http://piarc.transportation.org/Pages/default.aspx>

| Site Internet des CN | NCs´ website |
|--|--------------|
| Website: http://piarc.transportation.org/Pages/default.aspx | |

| Autres choses | Other business |
|---|----------------|
| Our first Delegate, Jeffrey Paniati, Executive Director FHWA, serves on the PIARC Executive Committee, Chairs the Strategic Planning Committee, and is Strategic Theme Coordinator of the Safety portion of the Strategic Plan. | |

RAPPORT DÉTAILLÉ SUR DES POINTS CULMINANTS

DETAILED REPORT ON HIGHLIGHTS

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The United States of America members of all types to the National Committee continue to be very proactive and make every effort to attend meetings in other countries. There is a high level of expertise and interest in all areas. A few highlights include:

TC Highlights

- TC 1.1 Working on Integrity **Toolkit**: Noted “the provided case studies must cover anti-corruption tools used already in some countries outside the PIARC toolkit as well, to allow a comparison.” To that end, WG3 is prepared to produce an integrity toolkit report to include a summary of certain aspects from the survey as well as case studies from other countries using anti-corruption tools and measures.
Role of Media: WG3 is prepared to produce a second report using the framework presented by SANRAL on “Media’s influence in shaping perceptions of fraud, waste and abuse in transport and road administrations” as well as general practice case examples. Produce article on Recovery Act for WRA Routes/Roads for publication next summer. NC-USA members of TC 1.1 working with AASHTO and TRB to jointly host a TC 1.1 meeting in the United States during the TRB International Conference on Performance Management (in early 2015). Working Group 2 (WG2). Focuses on Performance Management within road administrations. (Working Group 1) is focused on Organizational structures of road administrations (Connie Yew, FHWA and Mara Campbell, MO)
- TC 1.2 Much of the financing of road systems is dedicated to the activities of its established sub-committees. Both sub-committees are involved in funding and financing but with different approaches. Group 1.2.1 is addressing funding strategies for a sustainable road system and sub-committee 1.2.2 is researching private sector financing. On March 13th most of the Technical Committee members attended a day long symposium related to financing major projects that provided members with additional insight and information. (Mike Patterson, OK)
- TC 1.3 Two meetings were held in 2013. Surveys were developed by three working groups on (1) Boundary Conditions for Transport Strategies for Climate Change Mitigation and Adaptation; (2) Tools for Understanding Climate Change Mitigation; and (3) Appraisal of Sustainability of Transport Infrastructure Plans. At its second meeting in Seoul, Korea October 30-31, the TC discussed the progress of the surveys. TC 1.3 developed and submitted a proposal for a Special Project to the PIARC Executive Council this year on the development of an international framework for climate change adaptation. (April Marchese, FHWA)
- TC 1.4 TC 1.4 met in Bergisch Gladbach, Germany in March, 2013 focusing on the Ex-Ante and Ex-Post Benefit Cost Analysis of Highway Investments. The meeting included over 20 representatives from 15 different countries – both those with developed and developing highway networks. Presentations on Ex-Ante evaluation focused on measuring resilience, linking to macroeconomic outcomes and communications. Presentations on Ex-Post evaluation focused on uses of benefit cost analysis, outcomes from poor road management, and comparison of projected and realized benefits and costs. Karen White, US representative, presented the Ex-Post benefit cost analysis capture and reported in the Status of the Nation’s Highways, Bridges, and Transit: Conditions and Performance Report. (Karen White, FHWA)

TC Highlights

- TC 1.5 Presentations by James Lambert, UVA (academia/corresponding and sole NCUSA member for TC 1.5, co-chairs WG1 on role of risky assessment in policy development and decision making) on radiological disaster preparedness of highways in the US national capital region and risky management of land development affecting highway corridors and other applications of risky management. (James Lambert, UVA)
- TF 2 This group is focusing on several broad items e.g. best practices in road security, creating a network of road security experts within the PIARC network, developing a security planning tool, maintaining a focus within PIARC and considering other countries' points of view. Developing a workshop for 2014 addressing three broad areas: threats, identifying vulnerabilities and criticalities, and security by design. (Steve Ernst, FHWA)
- TC 2.2 PIARC Technical Committee 2.2 discussed the Progress on its Work Plan in Providence on May 3rd and 4th in conjunction with the 2013 AASHTO Spring meeting. The fifteen members who attended the meeting were divided into two subgroups. Each group proceeded to further develop their work plans, including setting objectives, selecting possible case studies, finalizing surveys and the work schedules. The draft survey results for Issue 2.2.1 (Comparison of Strategies for Sustainable Mobility) and 2.2.2 (Design of Transport Infrastructure for MultiMobility in Urban Areas) will be discussed at the meeting in Buenos Aires (to be held in conjunction with ITS Argentina) in November 2013. The draft reports will be finalized in mid to late 2014. (Dilip Mundkur, BES Inc., Harlan Miller, FHWA, and Janet Oakley, AASHTO)
- TC 2.3 TC 2.3 Freight Transport continues to advance its research initiatives for this cycle. The focus of the TC 2.3 working groups is to address two key issues: Freight Management and Co-modality for Freight Transport, more specifically: Study the overall system of interurban / urban freight management, considering the influence of logistics strategies on: delivery models and road freight transport, overnight transport, dangerous goods transport, road access and guidance control, terminals and transfer stations, truck parking and security. Investigate truck management strategies and measures to improve the economic and environmental efficiency of road freight (including noise reduction); and Investigate how the concept of co-modality is implemented with the objective of an optimal use of the different modes of transport for freight. Identify the initiatives, objectives, results and obstacles. Analyse, in particular, the outcomes regarding modal shift of freight transport from roads to other modes. (William Gardner, MN; Teresa Adams, University of Wisconsin-Madison)
- TC 2.4 This winter service TC is focusing on the Winter Road Congress Andorra, February 2014. Two meetings have been conducted this year with success since the TC has utilized the PIARC WebEx to allow TC members not in attendance to participate. The first meeting in Santiago, Chile provided a seminar on "Winter Operation at High Altitude and Extreme Zones. At the second meeting a majority of the meeting was devoted to details for WRC-Andorra. 187 complete papers have been selected out of 233 abstracts offered. A brief was given to the AASHTO SICOP-WMPST and Highways Subcommittee on Maintenance meeting in Vermont by Nelson. TC 2.4 was asked to participate at the Winter Maintenance Peer Review in September in Vancouver, Canada on the "Top 10 Things that Define a World Class Winter Maintenance Program" with great feedback. The TC will continue in this project. (Richard Nelson, NV)

TC Highlights

- TC 2.5 TC 2.5 (Rural Roads) met in Rome, Italy Thursday, May 16 through Friday, May 17 of 2013. A questionnaire was distributed prior to the meeting concerning the status of rural roads in each country, funding situations, funding opportunities and status of construction and maintenance issues. The results of the questionnaire were tallied and assembled in Rome and the outcomes were discussed at our committee meeting. Apparently maintenance of rural roads is a major issue in most of the countries represented on our committee. Funding for construction seems to be available through various international means but the smaller countries are left to fund their own maintenance activities, often at a lower level than desired. Several presentations were given regarding how transportation officials are creatively dealing with this issue, including work and training programs for local people to assist with maintenance activities. TC 2.5 meets again in Durban, South Africa November 25-29, 2013. (Melinda McGrath, MI and Jocelyn Pritchett, Pritchett Engr & Planning, LLC)
- TC 3.1 This group continues to provide input to the Road Safety Manual development. Survey on safety and land use policies was requested from several participation PIARC countries. They have received responses from the U.S. and Canada and awaiting responses from Malaysia and looking for a Latin country case study preferably from Argentina. (Robert Hull, UT and Rob Ritter, FHWA)
- TC 3.2 Complete a search of research driver distraction and fatigue. This phase consisted in a literature search and review of pertinent documentation as to the human factor. This first phase was recently completed prior to the recent Poland meeting, which allowed for the draft development of the general issues for the cause and effect of driver distraction and fatigue. The next phase is to develop specific strategies that a designer will be able to use to address these issues. (Keith Cota, NH)
- TC 4.4 TC 4.4 Committee met during the Paris meeting in May 2013. The committee is continuing work on the use of natural materials which are locally available at the site of the road project and categorized as unacceptable in their existing conditions to comply with technical specifications for earthworks. As part of this, the committee has sent out a survey on the Optimal Use of Local Materials in Earthworks. I am currently providing the input from my knowledge of US practice in this area. (Silas Nichols, FHWA)