

Rapport d'activités des CN 2014**2014 Activity Report of NCs****RÉSUMÉ****SUMMARY**

Article / Question

Item / Question

1. Information générale**1. General information****Pays****Country**

United States of America

Nom du CN**Name of NC**

American Association of State Highway and Transportation Officials

Président du CN**Chairman of NC**Frederick (Bud) Wright, Executive Director, AASHTO (bwright@aaashto.org)**Secrétaire du CN****Secretary of NC**King W. Gee, Director of Engineering and Technical Services (kgee@aaashto.org)**Nombre the membres collectifs /
individuels****Number of individual / collective
members**

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

Organisation et structure**Organisation and structure**

On 28 September 2011 a Memorandum of Understanding was entered into between AASHTO and the World Road Association for AASHTO to be recognized 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 state departments 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. Conferences, séminaires,
réunions des CT en 2014****2. Conferences, Seminars, TC
meetings in 2014****Organisation des CN:
nationale/internationale****Organisation by NCs:
national/international**

The National Committee of the United States of America is a joint effort between AASHTO and the Federal Highway Administration in which both organizations have made a commitment.

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
<ul style="list-style-type: none"> • September 30 – October 1, 2013: TC 3.2, Design and Operation of Safer Road Infrastructure, Sound Garden Hotel, Warsaw, Poland (Cota Present); • November 18-22, 2013: TC 4.3 Road Bridges, Japan • January 15, 2014: National Committee of USA met during the TRB annual meeting Washington, DC • February 3-7, 2014: 5th meeting of TC2.4 was conducted 3-7 February 2014 in Andorra la Vella, Andorra in conjunction with the Winter Road Congress (WRC); TC 4.3 Road Bridges met • May 13-15, 2014: TC 2.3 Freight Transport met in Basel, Switzerland • May 19-21, 2014: TC 3.2, Design and Operation of Safer Road Infrastructure, Graaf De Feraris Building, Brussels, Belgium (Cota Present); • June 30– July 2, 2014: TC 2.4 Winter Services midterm meeting in Vienna, Austria • October 1-3, 2014: 6th meeting of TC 2.4–Winter Services was conducted in Madrid, Spain • October 20-24, 2014: TC 4.3 Road Bridges, Shanghai, China • November 26-27, 2014, TC 3.2, Design and Operation of Safer Road Infrastructure, New Delhi, India (Cota Present) • November, 2014: TC 2.3 Freight Transport meeting was intended as a technical meeting and also seminar in Cameroon, Africa; due to logistical issues, this did not come to fruition. Instead, a technical meeting will be held in Abu Dhabi, UAE in November 	

3. Publications en 2014**3. Publications in 2014****Publications nationales, rapports****National publications, reports**

- •FHWA Technical Advisory T 5040.39: Shoulder and Edge Line Rumble Strips, transmitted date is September 10, 2014
- AASHTO Publications October 2013-October 2014
- CA03-4/CA04-4/CA07-4**, Commuting in America 2013, Briefs 3, 4, 7, 10/14/2013
- MBEI-1**, Manual for Bridge Element Inspection, 1st Edition, 12/2/2013
- LRFDCONS-3-I4**, 2014 Interim Revisions to AASHTO LRFD Bridge Construction Specifications, 3rd Edition , 12/9/2013
- MBE-2-I3**, 2014 Interim Revisions to the Manual for Bridge Evaluation, 2nd Edition, 12/27/2013
- CA-12**, Commuting in America Series (Brief 12), 1/24/2013
- CA 8, 10, 11**, Commuting in America Series (Brief 8, 10, 11), 1/22/2014
- IGA-1**, The Impact of General Aviation on State and Local Economies - State Reports, 3/27/2014
- DCRT-1-E1**, April 2014 Errata for Technical Manual for Design and Construction of Road Tunnels-- Civil Elements, 2010 Edition, 4/5/2014
- ADM-1-CD**, Highway Drainage Manual CD-ROM, 4/23/2014
- SSFP-8**, Survey of State Funding for Public Transportation, 5/27/2014
- EXIQED-1**, Examples of Effective Techniques for Preparing High-Quality Environmental Documents, 7/28/2014
- HM-34-M (HM-34 and PS-18)**, Materials Book and Provisionals, 8/7/2014?
- LRFDUS-7**, AASHTO LRFD Bridge Design Specifications, Customary U.S. Units, 7th Edition, 8/15/2014?
- TVF-1**, Guide for Geometric Design of Transit Facilities on Highways and Streets, 1st Edition, 8/18/2014?
- PG-15**, AASHTO Practitioner's Handbook Preparing High-Quality NEPA Documents for Transportation Projects, 8/28/2014
- GSDPB-2-I1**, 2015 Interim Revisions to the LRFD Guide Specifications for Design of Pedestrian Bridges, 2nd Edition, 9/19/2014
- LRFDSEIS-2-I3**, 2015 Interim Revisions to the AASHTO Guide Specifications for LRFD Seismic Bridge Design, 2nd Edition, 9/18/2014
- LRFDMOV-2-I6**, 2015 Interim Revisions to the AASHTO LRFD Movable Highway Bridge Design Specifications, 2nd Edition, 9/18/2014
- LTS-6-I1**, Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th Edition, 2015 Interim Revisions, 10/6/2014

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

Steve Ernst, FHWA, Senior Bridge Engineer, Safety and Security prepared an article for Routes/Roads (not sure it was published or will be published)

Article entitled "A State's Approach to Highway Safety Improvements," prepared by member Keith Cota, NHDOT and published in October 2013

October 2014: US experiences with asset management: adapting to extreme events and associated risks by Butch Wlaschin, FHWA (retired)

Bulletin national ou revue des CN**National newsletter or magazine of NCs**

Information provided by the NC-USA is provided on its web page Website:
<http://piarc.transportation.org/Pages/default.aspx>

TC 3.1 Newsletter #2

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
Information is provided in highlights.	

5. Congrès de l'AIPCR	5. PIARC Congresses
------------------------------	----------------------------

Congrès mondiale de la route, Séoul 2015 (participation, préparation)	2015 World Road Congress, Seoul (participation, preparation)
The NC will send a delegation for the 2015 Road Congress and suggest state DOT Secretaries as speakers.	

6. Autres activités en 2014	6. Other activities in 2014
------------------------------------	------------------------------------

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

Relations internationales	International relations
International Road Federation (IRF)	

Promotion de l'AIPCR	Promotion of PIARC
Promotion is through the NC website http://piarc.transportation.org/Pages/default.aspx and also providing promotional materials at the AASHTO spring and annual meetings.	

Site Internet des CN	NCs' website
http://piarc.transportation.org/Pages/default.aspx	

Autres choses	Other business

RAPPORT DÉTAILLÉ SUR DES POINTS CULMINANTS**DETAILED REPORT ON HIGHLIGHTS**

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:

Technical Committee	Highlights for 2014
TC 1.4	<p>Road Transport Systems Economics and Social Development T.C. 1.4 met in Seoul, South Korea in March 2014 focusing on preparation of the final report, the PIARC 25th World Road Congress 2015 proposal and preparation of the PIARC Strategic Plan for 2016-2019. The T.C. 1.4 final report will focus on ex-ante and ex-post benefit cost evaluation for road projects and programs. Karen presented on the role of data in ex-post program evaluation utilized by the U.S. Federal Highway Administration to monitor the conditions and performance of the nation's roadways. Karen also presented on the activities of the related Transportation Research Board Committees. Two representatives from T.C. 1.4 and Karen participated in the TRB International Transportation Economic Development Conference in Dallas, Texas in April, 2014. The committee proposed two topics for the World Road Congress focusing on ex-ante and ex-post appraisal of transport projects – neither topic was selected for the Road Congress. The next meeting of T.C. 1.4 will be November 4 – 5, 2014 in Buenos Aires, Argentina (Karen will provide a draft report for the meeting but will be unable to attend in person).</p>
TC 2.3	<p>Freight Transport Committee Update The committee met in Basel, Switzerland May 13-15, 2014. Presentations by local and federal Swiss officials discussed significant trends in logistics and innovative practices. These include efforts to expand freight capacity, drive modal shifts (truck to rail and water), and improve logistics efficiencies. The committee advanced its work on producing two research reports, including reviewing the results of surveys and case studies. Final drafts of the reports are intended for the November, 2014 TC meeting. The committee provided input to the mid-term meeting survey, discussed updates from the Committee on Terminology, discussed research ideas for the next cycle, and discussed future meetings. A technical field tour in Basel included the container water port as well as the major international truck border crossing, with discussions of new technology. Since the May meeting, several teleconferences have been held to discuss research progress. The November, 2014 meeting was intended as a technical meeting and also seminar in Cameroon, Africa; due to logistical issues, this did not come to fruition. Instead, a technical meeting will be held in Abu Dhabi, UAE in November. The Spring, 2015 meeting will include a seminar.</p>
TC 2.4	<p>Winter Service The 5th meeting of TC2.4 was conducted 3-7 February 2014 in Andorra la Vella, Andorra in conjunction with the Winter Road Congress (WRC) held at the same location. Nelson and Guevara both attended. Dr. Wilfred Nixon (University of Iowa and SICOP member) and Max Perchanok (Ontario Ministry of Transportation, Chair of TRB Subcommittee on Winter Maintenance, and SICOP member) also attended the TC2.4 meeting, as they were present for the WRC. During this meeting Nelson, Nixon, and Perchanok made formal presentations on the work underway by mirror committees in the US (SICOP, AURORA, Clear Roads, and the TRB subcommittees on Winter Maintenance and Surface Transportation Weather). Highlights from the Winter Road Congress, Andorra:</p>

	<p>US delegates chaired two technical sessions (Wright and Nelson) Six technical papers by US authors were accepted and presented</p> <p>TC2.4 was represented at the midterm meeting 30 June – 2 July 2014 in Vienna, Austria by English Secretary Nelson and the TC2.4 Chairman from France. Feedback was provided regarding the surveys and strategic theme topics for winter service for the next cycle were debated. After the meeting Nelson participated in a Webex with ST2 coordinator and PIARC staff to further refine the winter service topics (the Chairman was unable to participate).</p> <p>The 6th meeting of TC2.4 was conducted 1-3 October 2014 in Madrid, Spain. Nelson attended. With the WRC behind the TC work focus has shifted to completion of the working group technical reports, planning for the second seminar, and TC2.4 sessions during the World Road Congress in Seoul, South Korea. There were many discussions regarding the updating of the Snow and Ice Data Book as part of the Winter Road Congress. There will be time devoted during the next meeting to formalize a procedure and process for future updates to facilitate a timely release of the document. Plans to hold the 2nd seminar in Romania have fallen through and it appears that a workshop will be held in Finland in the spring of 2015. The proposed topic of this workshop will focus on mobile road surface condition measurements in winter. This topic is of particular interest in the US particularly as it is a basis for performance measurement during winter. Plans should be formulated to share this material in the US. Formal reports were given on US mirror committee activities and notice of future AASHTO and TRB meetings and conferences by Nelson.</p> <p>Other Activities: Nelson and Nixon submitted an abstract for consideration at the World Road Congress titled: A Two Phase Method for Determining Relevant Research Needs for the United States Winter Maintenance Community.</p> <p>Presentation of TC2.4 activities were made by Nelson during the SICOP-WMTSP annual meeting and the Highway Safety & Reliability Technical Working Group sessions as part of the AASHTO Subcommittee on Maintenance annual meeting in West Virginia. A similar briefing will be made to the TRB Subcommittees on Winter Maintenance and Surface Transportation Weather during the TRB Annual Meeting 2015.</p> <p>Coordination is underway between TC2.4 members and SICOP to conduct a webinar in the US to present Extreme Event and Resiliency Planning efforts undertaken in the UK and presented during the WRC in Andorra. We are targeting delivery early 2015.</p>
<p>TC 4.3</p>	<p>Bridges Working with the lead, Scot Becker developed two chapters of the draft report for our Issue 4.3.4 prior to the February Meeting in Andorra at the winter congress. We held our meeting in conjunction with the winter congress and we reviewed abstracts and papers for the first 4.3 break out technical session at the winter congress. There were eight papers and presentations. During the meeting we developed the recommendations and conclusions for our final draft for issue 4.3.4 to be reviewed at our October meeting in Shanghai China. We will also be participating in a Long Span Bridge Seminar where Scot Becker will provide a presentation. We look to hold another workshop in the spring of 2015 before our final meeting in November in Seoul.</p> <p>We continue to facilitate breakout sessions with Leader to develop, deliver, and implement work plan. Informational exchange between countries is extremely important to execute on our work plans and bring home valuable information for our Industry. Assist countries where methodologies do not</p>

	exist by educating or informing of such methodologies.
TF 2	<p>Task Force on Security</p> <p>The World Road Association (WRA) Task Force on Security developed a workshop to cover a wide range of security issues that was held in London on June 10-12, 2014. Forty participants from 11 countries attended the workshop to present or discuss international good practices and share important concepts being pursued in their respective countries.</p> <p>The US delegation included two participants from the Department of Homeland Security, William Arrington, Transportation Security Administration (TSA) Branch Manager, and David Cooper, TSA Industry Engagement Manager – Highways. Mr. Arrington presented in the opening session on the TSA approach and activities in highway security.</p> <p>Also representing the United States were Theodore Zoli of HNTB Corporation and Dr. Eric Williamson of the University of Texas. Each presented twice on technical topics that include threats, vulnerabilities and criticalities, security approach for new infrastructure and experience from road authorities and operators for protecting infrastructure and highway systems.</p> <p>Steve Ernst represented FHWA, presenting on the topics surrounding what is critical and what is vulnerable, served as moderator for the workshop session on threats, and participated on the panel discussion to conclude the workshop.</p> <p><u>Summary of Major Outcomes:</u> Because much of the material is considered sensitive, the Task Force opted to not develop a comprehensive report to detail the information discussed at the workshop. There will be a leaflet produced to cover the major points from the discussions, and there will be an article in the WRA <i>Routes/Roads</i> publication.</p>