



**INTERNATIONAL JOINTS AND BEARINGS
RESEARCH COUNCIL
NEWSLETTER**

CHAIRMAN'S MESSAGE

I am pleased to report that the IJBRC Executive Committee has selected a date and venue for the 8th World Congress on Joints, Bearings and Seismic Systems for Concrete Structures. The 8th World Congress will be held **September 25-29, 2016** at the **Atlanta Marriott Buckhead Hotel & Conference Center** in **Atlanta, Georgia, USA**.

Metro Atlanta was founded in 1837 and now has a population of over 4 million people. It is the nation's busiest airport having direct flights to and from most of the USA's major cities as well as many non-stop flights from Europe, Asia and South America. To reach the hotel, it is an easy drive from the airport by car, cab or the MARTA Rapid Transit System.

The city has emerged as a banking center and is headquarters to 13 of the fortune 500 Companies including CNN and Coca-Cola. The Buckhead area of Atlanta, where the Congress will be held, is well known for its fine dining and upscale shopping all within walking distance from the hotel.

Atlanta boasts some of the county's best golf courses to enjoy pre or post the World Congress. For history enthusiasts, numerous tourist attractions including Stone Mountain and the Civil War Museum are within a short distance. For sports fans attending the congress, September is the culmination of the baseball season for the Atlanta Braves and the start of the football season for the Atlanta Falcons.

The 8th World Congress planning is off to a good start and promises to be one of the best events ever. Continue to check our website www.ijbrc.org for updated information for delegate and hotel registration.

Respectfully Submitted,
Ronald J. Watson

**Executive
Committee**

Ronald J. Watson,
Chairman

J. Lesley Braun,
Secretary

David G. Stafford

Mark Kaczinski

Carl J. Thompson

Ralph Dornsife

Steve Pabst

Vince Kazakavich

Advisory Board

Barrie Atkinson

Donatella Chiarotte

ASTM Subcommittee D04.32 on Bridges and Structures

SUB CHAIRMAN: Watson, Ronald J

Date: 12/12/13 **Time:** 8:00am

Place: Hyatt Regency, Atlanta, GA

Attendance: 5 **Members and** _____ **Visitors** _____

1. The meeting was called to order, attendees were reminded that electronic recording of ASTM meetings is prohibited.
2. The ASTM Antitrust Statement was read.
3. Approval of minutes of last meeting.
4. Membership Updates

Balance Report
As of 1/11/2014 4:37 AM
Producer Votes Available: 2

	Producer	User	Consumer	General Interest	Unclassified	Total
Official Voting Member	7	1	0	8	0	16
Non Official Voting Member	5	1	0	3	3	15
Total	12	2	0	11	6	31

5. Ballot Results (since last meeting)

a) *Main/Concurrent Items*

- o D04 (13-02) 3 Items Ballot close date 08-07-13

D04 (13-02) ITEM 004 WK42696 REAPPROVAL of D4788 Test Method for Detecting Delaminations in Bridge Decks Using Infrared Thermography Technical Contact: Watson, Ronald J

Ballot close date 08-07-13

Approved 09/01/2013

115 Aff 0 Neg 191 Abs

Negatives

None

Comments

Graves, Robin E

Mc Daniel, Rebecca S

D04 (13-02) ITEM 005 WK42694 REAPPROVAL of D6087 Test Method for Evaluating Asphalt-Covered Concrete Bridge Decks Using Ground Penetrating Radar Technical Contact: Watson, Ronald J Ballot close date 08-07-13

121 Aff 2 Neg 183 Abs

Negatives

Graves, Robin E - Item Removed from Ballot 12/13/2013

Mc Daniel, Rebecca S - Persuasive 12/13/2013

Comments

*** None ***

D04 (13-02) ITEM 006 WK42697 REAPPROVAL of D6153 Specification for Materials for Bridge Deck Waterproofing Membrane Systems Technical Contact: Watson, Ronald J Ballot close date 08-07-13

120 Aff 2 Neg 184 Abs

Negatives

Graves, Robin E - Item Removed from Ballot 12/13/2013

Mc Daniel, Rebecca S - Persuasive 12/13/2013

Comments

Allenstein, Paul

b) Subcommittee Items

*** None ***

6. Standards Requiring Review

- o D3963/D3963M-2001(2007) Specification For Fabrication and Jobsite Handling of Epoxy-Coated Steel Reinforcing Bars

Status: Overdue

Note: Standard needs to be revised or reapproved by December 31st of next year or it will be withdrawn

- o D6153-1997(2007) Specification For Materials for Bridge Deck Waterproofing Membrane Systems

Status: Overdue

Note: Standard needs to be revised or reapproved by December 31st of next year or it will be withdrawn

- o D6087-2008 Test Method For Evaluating Asphalt-Covered Concrete Bridge Decks Using Ground Penetrating Radar

Status: Overdue

Note: In the absence of other ballot action, Regulations require automatic ballot for withdrawal

7. New Standard and Reinstatement Work Items (Not Currently on Ballot)

*** None ***

8. Revision and Withdrawal Work Items (Not Currently on Ballot)

- o WK38111 D3963/D3963M-2001(2007) Fabrication and Jobsite Handling of Epoxy-Coated Steel Reinforcing Bars (Technical Contact: McDonald, David B)

9. Task Group Reports (Other than Work Items)

10. Liaison Reports

11. Old Business

12. New Business/Committee Correspondence

13. Administrative Deadlines

14. Future Meetings

Event Name: June 2014 Committee Week

Dates: Tuesday, June 24th 2014 - Thursday, June 26th 2014

Location: Sheraton Centre Toronto; Toronto, ON CA

Event Name: December 2014 Committee Week

Dates: Tuesday, December 9th 2014 - Thursday, December 11th 2014

Location: Sheraton New Orleans; New Orleans, LA US

15. Meeting Adjournment

For a complete list of standards see

<http://www.astm.org/COMMIT/SUBCOMMIT/D0432.htm>

ASTM Subcommittee D04.34 on Preformed Joint Fillers, Sealers and Sealing Systems

SUB CHAIRMAN: Watson, Ronald J

Date: 12/12/13 **Time:** 8:30am

Place: Hyatt Regency, Atlanta, GA

Attendance: 5 **Members and** _____ **Visitors** _____

1. The meeting was called to order, attendees were reminded that electronic recording of ASTM meetings is prohibited.
2. The ASTM Antitrust Statement was read.
3. Approval of minutes of last meeting.
4. Membership Updates

Balance Report
As of 1/11/2014 4:37 AM
Producer Votes Available: 0

	Producer	User	Consumer	General Interest	Unclassified	Total
Official Voting Member	10	6	0	4	0	20
Non Official Voting Member	6	0	0	1	7	14
Total	16	6	0	5	7	34

5. Ballot Results (since last meeting)

a) Main/Concurrent Items

- o D04 (13-02) 4 Items Ballot close date 08-07-13

D04 (13-02) ITEM 007 WK42689 REAPPROVAL W/ED CHG of D1751 Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types) Technical Contact: Wagner, Louis E Ballot close date 08-07-13 Approved 09/01/2013

124 Aff 0 Neg 182 Abs

Negatives

*** None ***

Comments

*** None ***

D04 (13-02) ITEM 008 WK42702 REAPPROVAL of D1752 Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction Technical Contact: Watson, Ronald J Ballot close date 08-07-13 Approved 09/01/2013

116 Aff 0 Neg 190 Abs

Negatives

*** None ***

Comments

Mc Daniel, Rebecca S

D04 (13-02) ITEM 009 WK42704 REAPPROVAL of D3542 Specification for Preformed Polychloroprene Elastomeric Joint Seals for Bridges Technical Contact: Watson, Ronald J Ballot close date 08-07-13 Approved 09/01/2013

118 Aff 0 Neg 188 Abs

Negatives

*** None ***

Comments

*** None ***

D04 (13-02) ITEM 010 WK42705 REAPPROVAL of D4070 Specification for Adhesive Lubricant for Installation of Preformed Elastomeric Bridge Compression Seals in Concrete Structures Technical Contact: Watson, Ronald J Ballot close date 08-07-13

118 Aff 2 Neg 186 Abs

Negatives

Graves, Robin E - Item Removed from Ballot 12/13/2013

Mc Daniel, Rebecca S - Persuasive 12/13/2013

Comments

*** None ***

b) Subcommittee Items

*** None ***

6. Standards Requiring Review
 - o D0517-1998(2008) Specification For Asphalt Plank
Status: Overdue
Note: In the absence of other ballot action, Regulations require automatic ballot for withdrawal
 - o D0545-2008 Test Methods For Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types)
Status: Overdue
Note: In the absence of other ballot action, Regulations require automatic ballot for withdrawal
 - o D4070-2008 Specification For Adhesive Lubricant for Installation of Preformed Elastomeric Bridge Compression Seals in Concrete Structures
Status: Overdue
Note: In the absence of other ballot action, Regulations require automatic ballot for withdrawal
7. New Standard and Reinstatement Work Items (Not Currently on Ballot)
*** None ***
8. Revision and Withdrawal Work Items (Not Currently on Ballot)
 - o WK41846 D0545-2008 Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types) (Technical Contact: Wagner, Louis E)
 - o WK41849 D1751-2004(2013)E1 Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types) (Technical Contact: Wagner, Louis E)
9. Task Group Reports (Other than Work Items)
10. Liaison Reports
11. Old Business
12. New Business/Committee Correspondence
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Event Name: June 2014 Committee Week
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BRIDGE ENGINEERING HANDBOOK – 2ND EDITION

The second edition of the Bridge Engineering Handbook was published by the CRC Press in January 2014. The second edition, edited by Wai-Fah Chen and Lian Duan, contains five volumes: **Fundamentals, Superstructure Design, Substructure Design, Seismic Design, and Construction and Maintenance**. Individual chapters were authored primarily by current bridge engineering practitioners. Ralph Dornisfe contributed a chapter entitled **Expansion Joints** in the **Superstructure Design** volume and a chapter entitled **Bearings** in the **Substructure Design** volume. Several IJBRC Committee and Advisory Board members are referenced in these two chapters. More information on this publication is available at:

<http://www.crcpress.com/product/isbn/9781439852057>

STEWART C. WATSON SCHOLARSHIP

Sponsored by IJBRC/American Concrete Institute

Award Information

Amount of Scholarship: Maximum \$5,000 US

Application Deadline: January 15th annually

Requirements: Applicant must have a bachelor's degree by the summer of the application year, have a special interest in joints, bearings or seismic devices for concrete structures and be proficient in English. The applicant must be accepted full-time for the first or second year of graduate study at an accredited engineering school.

Eligibility: Master's level study.

To apply for this scholarship, log on to the American Concrete Institute website www.concrete.org under Honors and Awards.

OBITUARY



Arvid Grant, 93, Pioneered Concrete in Bridge Design

Arvid Grant, a pioneer of modern concrete cable-stayed bridge engineering died on January 18, 2014 in Olympia, Washington. He designed the Columbia River span in Washington state that was the longest such crossing in North America when it opened in 1978 and the first with a concrete deck.

Grant's Pasco-Kennewick Bridge design, with a 981 foot long main span, was honored by President Ronald Reagan as "not just a great technical accomplishment. It is a work of art."



Latvian-born Grant and the Olympia-based firm he founded, Arvid Grant & Associates, went on to design the East Huntington Bridge, between Ohio and West Virginia in the early 1980's.

"Arvid was a tremendously resourceful engineer and believed bridge engineering was a calling. He began each design with a pencil and a blank sheet of paper, first crafting a vision of what the bridge design should be before the numbers constrained the image" says W. David Goodyear, a former associate, now senior vice president of T.Y. Lin International.

Grant was outspoken about the lack of creativity in bridge design, citing "corporate-management artists that have taken over the...industry" (ENR 8/18/77 p.26). He helped found the Structural Engineers Association of Washington and was a past president.



UPCOMING ACI CONVENTIONS

2014 – October 26 - 30, Hilton Washington, Washington, D.C.

2015 - April 12 – 15, Marriott & Kansas City Convention Center,
Kansas City, MO

2015 – November 8 - 12, Sheraton, Denver, CO

2016 – April 17 – 21, Hyatt & Frontier Airlines Center, Milwaukee, WI

For additional information, contact:

Event Services, ACI, 38800 Country Club Drive

Farmington Hills, MI 48331

Telephone: +1.248.848.3795 * E-mail: conventions@concrete.org



ASTM Subcommittee DO4.32 – Bridges and Structures Meeting
Thursday, June 26, 2014 - Sheraton Centre, Toronto, ON, CA

ASTM Subcommittee DO4.34- Preformed Joint Fillers, Sealers and Sealing Systems
Thursday, June 26, 2014 - Sheraton Centre, Toronto, ON, CA

TOP 10 BRIDGES IN UNITED STATES FOR 2013
(Published by Roads & Bridges)

1. Grassy Creek Bridge, Breaks, Va
2. Foothills Parkway Bridge #2, Gt. Smoky Mountains National Park, Tenn
3. Alexander Hamilton Bridge, Manhattan and Bronx, NY
4. Monongahela River Bridge, Brownsville. PA
5. Lowry Avenue Bridge, Minneapolis
6. Red Gate Road Bridge, St. Charles, Ill
7. 130th & Torrence Truss Bridge, Chicago, Ill
8. US #1 Low Level Bridge Design, Jupiter, Fla
9. I-90 over the Mississippi River, Dresbach, Minn.
10. Memorial Bridge, Portsmouth N.H. and Kittery, Maine

For a photo display of the above winning bridges, visit www.roadbridges.com. Voting is currently underway for the 2014 top ten bridges in the United States.

FOR SALE

**The 7th World Congress on Joints, Bearings and Seismic Devices for
Concrete Structures Proceedings.**

CD – ROM Cost - \$75.00 US

Available through the IJBRC Secretary (lfbraun@golden.net)

Mailing Address

If changes are required for your membership information, including an email address change, please notify the IJBRC Secretary by fax or email.

Fax: 1-519-894-9169

Email: lfbraun@golden.net

Newsletter Articles Wanted

Your IJBRC Executive continues to solicit articles of interest for inclusion in future editions of the IJBRC Newsletter. The semi-annual newsletter is our best way of keeping in contact with our membership.

Submissions need to be on topics of joints, bearings and seismic devices for concrete structures. They may include, but not be restricted to: journal reviews, summaries of research in progress or completed, announcements of research grants received by individuals or groups, events/conferences or news items pertaining to joints, bearings and seismic devices, congratulations or bereavement notices.

Please forward such items of interest to the IJBRC Secretary by email:

lfbraun@golden.net

Individual articles included in this newsletter are the opinions of aid author(s)

