

CONCRETE CONNECTIONS

Concrete Connections is an annotated list of websites where information is available about concrete bridges. Fast links to the websites are provided at www.aspirebridge.org.

IN THIS ISSUE

www.hooverdambypass.org

Visit this website for a history, more details, and the latest information about the Mike O'Callaghan-Pat Tillman Memorial Bridge at Hoover Dam described on page 16. A photo gallery and webcam are available.

www.oregon.gov/odot/hwy/bridge

More information about Oregon's bridges and Conde B. McCullough is provided at this Oregon bridge section website.

<http://cms.transportation.org?siteid=34&pageid=1484>

This website lists the preliminary versions of the balloted items from the AASHTO 2009 Subcommittee on Bridges and Structures Meeting. Balloted items in pdf format may be downloaded by scrolling to the bottom of the page.

Certification

More information about the industry certification programs described in the Safety and Serviceability article on page 52 is available at the following websites.

www.concrete.org/certification

American Concrete Institute

www.asbi-assoc.org/grouting

American Segmental Bridge Institute

www.crsi.org/corrosion/certification.cfm

Concrete Reinforcing Steel Institute

www.nrmca.org/certifications

National Ready Mixed Concrete Association

www.pci.org

Precast/Prestressed Concrete Institute.

Click on PCI Certification.

www.post-tensioning.org

Post-Tensioning Institute. Click on Certification.

Environmental

<http://environment.transportation.org/>

The Center for Environmental Excellence by AASHTO's Technical Assistance Program offers a team of experts to assist transportation and environmental agency officials in improving environmental performance and program delivery. *The Practitioner's Handbooks* provide practical advice on a range of environmental issues that arise during the planning, development, and operation of transportation projects.

http://www.environment.transportation.org/teri_database

This website contains the Transportation and Environmental Research Ideas (TERI) database. TERI is the AASHTO Standing Committee on Environment's central storehouse for tracking and sharing new transportation and environmental research ideas. Suggestions for new ideas are welcome from practitioners across the transportation and environmental community.

Bridge Technology

www.aspirebridge.org

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also complete a reader survey to provide us with your impressions about *ASPIRE*. It takes less than 5 minutes to complete.

www.nationalconcretebridge.org

The National Concrete Bridge Council (NCBC) website provides information to promote quality in concrete bridge construction, as well as links to the publications of its members.

www.hpbridgeviews.org

This website contains 59 issues of *HPC Bridge Views*, an electronic newsletter published jointly by the FHWA and the NCBC to provide relevant, reliable information on all aspects of high-performance concrete in bridges. Sign up at this website for a free subscription.

NEW www.tsp2.org/bridge

This website was developed to provide highway agencies and bridge preservation practitioners with online resources about bridge preservation, maintenance, and inspection.

www.fhwa.dot.gov/pavement/concrete/asr.cfm

This online Alkali-Silica Reactivity Reference Center provides users with one-stop access to ASR-related information. The site features an overview of ASR, as well as research reports, specifications, guidance documents, case studies, and links to other useful websites. The FHWA report titled *Report on Determining Reactivity of Concrete Aggregate and Selecting Appropriate Measures for Preventing Deleterious Expansion in New Concrete Construction* may be accessed and downloaded from this website. Click on Development of ASR Protocols.

http://www.wes.army.mil/SL/MTC/handbook/crd_c662.pdf

A new test method, CRD-C 662-09, titled *Test Method for Determining the Alkali-Silica Reactivity of Combinations of Cementitious Materials, Lithium Nitrate Admixture and Aggregate (Accelerated Mortar-Bar Method)* has been released by the U.S. Army Corps of Engineers and can be accessed at this website.

<http://knowledge.fhwa.dot.gov/cops/ep.nsf/home>

Come join the FHWA's online Information Exchange for Bridges at this website, which offers information on innovative products and processes for bridge construction. The report titled *Connection Details for Prefabricated Bridge Elements and Systems* is available.

www.nhi.fhwa.dot.gov/about/realsolutions.aspx

Presentations from a monthly seminar series offered online by the Federal Highway Administration National Highway Institute are available to listen to or download from this website. Guest speakers discuss challenges they have faced in the field and innovative solutions used to address those challenges. Seminars relevant to bridges include Probability-Based Design and Rating Methodologies, I-70 Overpass Beam Failure, New Technologies in Driven Piles, and Use of Self-Propelled Modular Transporters.

www.specs.fhwa.dot.gov

This site serves as a clearinghouse and electronic library where users can search, review, cross-reference, and download the most current specifications, construction manuals, and drawings. Materials on the site have been submitted by state departments of transportation and other agencies and include access to specifications, construction manuals, and standard drawings