

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](http://www.aspirebridge.org).

## IN THIS ISSUE

**[www.deldot.gov/information/projects/indian\\_river\\_bridge/index.shtml](http://www.deldot.gov/information/projects/indian_river_bridge/index.shtml)**

This Delaware Department of Transportation website contains the latest information about the Indian River Inlet Bridge described on page 12. Virtual site tours, time-lapse videos, webcams, and photographs of construction are available in the Multi-Media Gallery.

**[www.presidioparkway.org](http://www.presidioparkway.org)**

Visit this website for more information and photographs of the Presidio Viaduct (page 30). There are also two webcams available.

**<http://fhwa.adobeconnect.com/n134083201109>**

The FHWA webinar on "Control of Concrete Cracking in Bridges and Pavements" mentioned on page 36 is available at this site.

**[www.trb.org/main/blurbs/158019.aspx](http://www.trb.org/main/blurbs/158019.aspx)**

Transportation Research Board Circular EC-107 titled *Control of Cracking in Concrete: State of the Art*, described in the FHWA article on page 36 may be downloaded from this website.

## 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.

**[www.environment.transportation.org/teri\\_database](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.

## Sustainability

**<http://sustainablehighways.org>**

The Federal Highway Administration has launched an internet-based resource designed to help state and local transportation agencies incorporate sustainability best practices into highway and other roadway projects. The Sustainable Highways Self-Evaluation Tool, currently available in beta form, is a collection of best practices that agencies can use to self-evaluate the performance of their projects and programs to determine a sustainability score in three categories: system planning, project development, and operations and maintenance.

**[www.pewclimate.org/docUploads/Reauthorization-and-HTF-Primer.pdf](http://www.pewclimate.org/docUploads/Reauthorization-and-HTF-Primer.pdf)**

If you have never understood the Federal Surface Transportation Authorization and the Highway Trust Fund, this primer may help you.

## Bridge Technology

**[www.aspirebridge.org](http://www.aspirebridge.org)**

Previous issues of *ASPIRE*<sup>™</sup> are available as pdf files and may be downloaded as a full issue or individual articles. Information is available about subscriptions, advertising, and sponsors. You may also complete a reader survey to provide us with your impressions about *ASPIRE*. It takes less than 5 minutes to complete.

**[www.nationalconcretebridge.org](http://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.hpcbridgeviews.org](http://www.hpcbridgeviews.org)**

This website contains 68 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.

**[www.fhwa.dot.gov/Bridge/ABC](http://www.fhwa.dot.gov/Bridge/ABC)**

Visit this website for more information about the FHWA Accelerated Bridge Construction Program.

**[www.fhwa.dot.gov/bridge/abc/prefab.cfm](http://www.fhwa.dot.gov/bridge/abc/prefab.cfm)**

If you missed the FHWA webinars about Prefabricated Bridge Elements and Systems held in four sessions on August 16 and 17, 2011, the webinar is now available at this website. Under Webinars, click on one of the sessions. The concrete industry role is included in Session 3.

**NEW [www.abc.fiu.edu](http://www.abc.fiu.edu)**

This website contains information from the Accelerated Bridge Construction (ABC) Center of Florida International University about upcoming and previous webinars.

## Bridge Research

**NEW [www.nrc-cnrc.gc.ca/obj/irc/doc/pubs/nrcc52661.pdf](http://www.nrc-cnrc.gc.ca/obj/irc/doc/pubs/nrcc52661.pdf)**

A research report by the National Research Council of Canada about the benefits of internal curing on service life and life-cycle costs of high-performance concrete bridge decks is available at this website.

**NEW [www.fhwa.dot.gov/research/publications/technical](http://www.fhwa.dot.gov/research/publications/technical)**

Searching for transportation infrastructure-related reports, fact sheets, and other publications? For a list of FHWA research reports and technical publications, visit this website.

**NEW [www.trb.org/publications/Blurbs/165576.aspx](http://www.trb.org/publications/Blurbs/165576.aspx)**

NCHRP Report 700 titled *A Comparison of AASHTO Bridge Load Rating Methods* documents an analysis of 1500 bridges that represent various material types and configurations using AASHTOWare<sup>™</sup> Virtis<sup>®</sup> to compare the load factor rating to load and resistance factor rating for both moment and shear induced by design vehicles, AASHTO legal loads, and eight additional permit/legal vehicles.

**[www.trb.org/PublicationsPubsNCHRPResearchResultsDigests.aspx](http://www.trb.org/PublicationsPubsNCHRPResearchResultsDigests.aspx)**

Research Results Digest 355 summarizing key findings from NCHRP Project 10-71 titled *Cast-in-Place Concrete Connections for Precast Deck Systems* is now available from this National Cooperative Highway Research Program website.