

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

## IN THIS ISSUE

### [www.pppcouncil.ca](http://www.pppcouncil.ca)

Additional information about Public-Private Partnerships in Canada, as mentioned on page 13, is available at this website of The Canadian Council for Public Private Partnerships.

### [www.vappta.org](http://www.vappta.org)

Visit this website for more information about Virginia's Office of Public-Private Partnerships. The guidance document mentioned on page 15 is available under Publications.

### <http://go.hw.net/cc-rebar-cages>

The full report titled *Stability of Bridge Rebar Cages* summarized in the Safety and Serviceability article on page 49 is available to download from this website.

### [www.fhwa.dot.gov/bridge/pubs/hif11016/hif11016.pdf](http://www.fhwa.dot.gov/bridge/pubs/hif11016/hif11016.pdf)

The publication titled *Framework for Improving Resilience of Bridge Design* referenced in the FHWA article on page 51 may be downloaded from this website.

### [www.defiance-county.com/engineer/GRS.htm](http://www.defiance-county.com/engineer/GRS.htm)

Additional information about the geosynthetic reinforced soil projects in Defiance County, Ohio, mentioned on page 52, is available at this website.

### [www.fhwa.dot.gov/everydaycounts/technology/grs\\_ibs/](http://www.fhwa.dot.gov/everydaycounts/technology/grs_ibs/)

This FHWA website contains information about geosynthetic reinforced soil integrated bridge system technology, which is part of the FHWA Every Day Counts initiative.

## 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.

## Bridge Technology

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

Previous issues of *ASPIRE*<sup>TM</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.

### **NEW** [www.fhwa.dot.gov/bridge/abc/docs/abcmanual.pdf](http://www.fhwa.dot.gov/bridge/abc/docs/abcmanual.pdf)

The FHWA report titled *Accelerated Bridge Construction: Experience in Design, Fabrication, and Erection of Prefabricated Bridge Elements and Systems* may be downloaded from this website.

### [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 four sessions. The concrete industry role is included in Session 3.

### [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

### [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.

### [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.fhwa.dot.gov/pavement/concrete/asr/reference.cfm](http://www.fhwa.dot.gov/pavement/concrete/asr/reference.cfm)

The online alkali-silica reactivity (ASR) Reference Center developed under the FHWA ASR Development and Deployment Program has been updated to provide engineers and practitioners with the most current and pertinent information related to ASR. Over 300 references are posted.

### [www.trb.org/Publications/](http://www.trb.org/Publications/)

### [PubsNCHRPResearchResultsDigests.aspx](http://www.trb.org/Publications/PubsNCHRPResearchResultsDigests.aspx)

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