

## 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.twinspanbridge.com](http://www.twinspanbridge.com)

This website features the latest news on the replacement of the I-10 Twin Span Bridges over Lake Ponchartrain featured on page 30.

#### [www.fhwa.dot.gov/everydaycounts/](http://www.fhwa.dot.gov/everydaycounts/)

This Federal Highway Administration website provides more information about the Every Day Counts initiative described in the FHWA article on page 38. A link is provided to a brochure about Prefabricated Bridge Elements and Systems.

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

Visit this PCI Northeast website for more information about the NEXT beams described on page 46. Click on Resources/Bridge Resources and then Northeast Extreme Tee (NEXT) Beam for the NEXT standards or click on York River Bridge in top right corner for information about the project.

#### [www.trb.org/Publications/Blurbs/163575.aspx](http://www.trb.org/Publications/Blurbs/163575.aspx)

NCHRP Report No. 654 titled *Evaluation and Repair Procedures for Precast/Prestressed Concrete Girders with Longitudinal Cracking in the Web* discussed in the Safety and Serviceability article on page 48 is available at this Transportation Research Board website.

#### [www.wsdot.gov/Research/Reports/400/417.1.htm](http://www.wsdot.gov/Research/Reports/400/417.1.htm)

The Washington State Department of Transportation report titled "Noncontact Lap Splices in Bridge Column Shaft Connections" mentioned in the AASHTO LRFD article on page 52 is available at 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

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

The Federal Highway Administration has launched a new 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 65 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** <http://fhwa.adobeconnect.com/n134083201011>

If you missed the NHI Innovations and Highways for LIFE webinar on Ultra-High-Performance Concrete, it is now available for viewing on this website.

#### [www.wsdot.wa.gov/eesc/bridge/ABC/](http://www.wsdot.wa.gov/eesc/bridge/ABC/)

Visit this Washington State DOT website to learn more about the state's accelerated bridge program and available resources.

#### <http://international.fhwa.dot.gov/pubs/pl10014/pl10014.pdf>

The U.S. Federal Highway Administration's Office of International Programs has released a report titled *Assuring Bridge Safety and Serviceability in Europe*. The report describes a scanning study of Europe that focused on identifying best practices and processes designed to help assure bridge safety and serviceability. The scan team gathered information on safety and serviceability practices and technologies related to design, construction, and operations of bridges. A summary of the study was provided in *ASPIRE* Winter 2010, page 50.

#### [www.tsp2.org/bridge](http://www.tsp2.org/bridge)

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

### Bridge Research

#### [www.trb.org/CRP/NCHRP/NCHRPprojects.asp](http://www.trb.org/CRP/NCHRP/NCHRPprojects.asp)

This website provides a list of all National Cooperative Highway Research Program (NCHRP) projects since 1989 and their current status. Research Field 12—Bridges generally lists projects related to bridges although projects related to concrete materials performance may be listed in Research Field 18—Concrete Materials.

#### [www.utexas.edu/research/ctr/pdf\\_reports/0\\_5706\\_1.pdf](http://www.utexas.edu/research/ctr/pdf_reports/0_5706_1.pdf)

The Center for Transportation Research of the University of Texas at Austin has released a research report titled *Impact of Overhang Construction on Girder Design*. The research included field monitoring, laboratory testing, and parametric analyses. The report includes recommendations for prestressed concrete girder systems.