

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.dullesmetro.com

Visit this website for more details on the Washington, D.C. to Dulles Airport Metrorail project described on page 26. Click on Construction for a series of photographs.

www.mfe-union-to-brown.com

This project website contains information about the Uniontown to Brownsville Expressway project of the Pennsylvania Turnpike Commission. Click on the Photos tab for two Monongahela River Bridge construction cameras, a video, and the latest photographs for Section 51H. (See page 14.)

www.dot.ca.gov/dist8/projects/san_bernardino/sr18bear/

This California Department of Transportation website provides more details about the Big Bear Bridge described on page 22.

www.flh.fhwa.dot.gov/

More information about Federal Lands Highway described on page 42 is available at this website.

www.arc-competition.com/welcome.php

This is the official site for ARC—the International Wildlife Crossing Infrastructure Competition. ARC selected five teams to develop concept designs for a wildlife crossing at Colorado's West Vail Pass along I-70. The designs, including the winning entry described on page 12, can be viewed 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

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

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

Previous issues of *ASPIRE*TM 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

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 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.

<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.

NEW 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 now available from this National Cooperative Highway Research Program website.

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

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.wsdot.wa.gov/research/reports/fullreports/759.1.pdf

The Washington State Department of Transportation has published a report titled *Investigating Longevity of Corrosion Inhibitors and Performance of Deicer Products under Storage or after Pavement Application* that is available at this website.