

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.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. Click on Research Field 12 and scroll down to NCHRP 12-80 for a description of the research being performed by PBS&J.

www.paturnpike.com/ConstructionProjects/arb

This Pennsylvania Turnpike project website contains additional information and photographs of the I-76 Allegheny River Bridge.

www.dot.state.co.us/US285/index.cfm

This Colorado Department of Transportation website contains information about the widening of U.S. 285 from Foxton Road to Richmond Hill. Photographs of early construction are available.

<https://bookstore.transportation.org>

Visit this website to order a copy of the AASHTO Manual for Bridge Evaluation, other AASHTO publications, or just to browse the bookstore.

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

This website lists the preliminary versions of the balloted items from the AASHTO 2008 Subcommittee on Bridges and Structures meeting. Balloted items in pdf format may be downloaded by scrolling to the bottom of the page.

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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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.hpcbridgeviews.org

This website contains 53 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.

Bridge Research

www.tfhc.gov/ltp/index.htm

This FHWA website provides information about the Long-Term Bridge Performance Program—a major new strategic initiative designated as a flagship research project. The LTBP program is intended to be a 20-year undertaking with the global objective of collecting scientific quality data from the Nation's highway bridges.

<http://www.fhwa.dot.gov/pavement/concrete/asr.cfm>

A quarterly newsletter titled *Reactive Solutions* is available to download at this website. *Reactive Solutions* provides general information about alkali-silica reactivity (ASR) as well as updates on the FHWA ASR Development and Deployment Program.

<http://rip.trb.org/>

The Transportation Research Board's Research in Progress (RiP) website contains the Research In Progress (RiP) Database of over 11,800 current or recently completed transportation research projects. A data-entry system allows users in state departments of transportation, the U.S. Department of Transportation, and university transportation centers to add, modify, and delete information on their current research projects.

www.trb.org/news/blurb_detail.asp?id=8693

NCHRP Report 584, *Full-Depth Precast Concrete Bridge Deck Panel Systems* examines recommended guidelines and the AASHTO LRFD specifications language for design, fabrication, and construction of full-depth precast concrete bridge deck panel systems. Recommended guidelines and proposed revisions to the LRFD specifications language are available as online appendices.

http://www.trb.org/news/blurb_detail.asp?id=9627

NCHRP Report 628, *Self-Consolidating Concrete for Precast, Prestressed Concrete Bridge Elements* explores recommended guidelines for the use of self-consolidating concrete (SCC) in precast, prestressed concrete bridge elements. The report examines the selection of constituent materials, proportioning of concrete mixtures, testing methods, fresh and hardened concrete properties, production, and quality control issues, and other aspects of SCC.

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