

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.

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<http://maintenance.transportation.org>

A copy of the final report titled *Guidelines for Selection of Bridge Deck Overlays, Sealers and Treatments* mentioned on page 45 may be downloaded from this AASHTO Subcommittee on Maintenance website.

http://www.dot.state.fl.us/emo/pubs/Historic_FL_Bridges1.shtm

Visit this Florida Department of Transportation address for a copy of "Historic Bridges of Florida" mentioned in the Pinellas County article on page 55.

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

Previous issues of *ASPIRE™* 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.hpcbridgeviews.org

This website contains 61 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://onlinepubs.trb.org/onlinepubs/archive/NotesDocs/20-07\(229\)_FR.pdf](http://onlinepubs.trb.org/onlinepubs/archive/NotesDocs/20-07(229)_FR.pdf)

An NCHRP report titled *Bridge Construction Practices Using Incremental Launching* is available at this web address. The report includes a review of current practice, a manual of best practice, and a strategic plan for increasing use of the incremental launching method.

NEW <http://www.fhwa.dot.gov/unknownfoundations/>

This new Federal Highway Administration website offers users a quick and easy source of guidance and reference information on

bridges with unknown foundations. The site's resources include information on research, training opportunities, reports, and other publications and FHWA guidance documents.

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.

<http://knowledge.fhwa.dot.gov/cops/ep.nsf/home>

Come join the FHWA's online Information Exchange for Bridges at this website, which offers information on innovative products and processes for bridge construction. The report titled *Connection Details for Prefabricated Bridge Elements and Systems* is available.

www.nhi.fhwa.dot.gov/about/realsolutions.aspx

Presentations from a monthly seminar series offered online by the Federal Highway Administration National Highway Institute are available to listen to or download from this website. Guest speakers discuss challenges they have faced in the field and innovative solutions used to address those challenges. Seminars relevant to bridges include Probability-Based Design and Rating Methodologies, I-70 Overpass Beam Failure, New Technologies in Driven Piles, and Use of Self-Propelled Modular Transporters.

www.specs.fhwa.dot.gov

This site serves as a clearinghouse and electronic library where users can search, review, cross-reference, and download the most current specifications, construction manuals, and drawings. Materials on the site have been submitted by state departments of transportation and other agencies and include access to specifications, construction manuals, and standard drawings.

Bridge Research

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.

NEW http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_645.pdf

NCHRP Report 645, *Blast-Resistant Highway Bridges: Design and Detailing Guidelines* explores code-ready language containing general design guidance and a simplified design procedure for blast-resistant reinforced concrete bridge columns. The results of experimental blast tests and analytical research on reinforced concrete bridge columns are reported.

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.