

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.

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<http://www.hoodcanalbridge.com>

This WSDOT site provides information about the Hood Canal Bridge Project on State Route 104. Click on "Construction cameras" to see work at the two off-site construction locations, or visit the photo gallery for still photographs and the computer animation for time-lapse videos and computer simulations.

<http://dot.ca.gov/dist1/d1projects/confusionhill/index.htm>

Visit this website for information about the South Fork Eel River Bridges, also known as the Confusion Hill Bridges.

www.fhwa.dot.gov/bridge/britab.htm

This FHWA website lists tables of frequently requested National Bridge Inventory (NBI) information. Data are available for several years as Excel or html files and in some cases as pdf files.

<http://www.wsdot.wa.gov/eesc/bridge/software>

Go to this website for a list of WSDOT Bridge Engineering Software including PGSuper™ for the design and analysis of prestressed concrete superstructures.

<http://bridges.ci.stpaul.mn.us>

This website provides information about bridges in the city of St. Paul, Minn. including bridge facts, construction projects, bridge maintenance, bridge clearance, and truck routes.

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.

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 49 issues of *HPC Bridge Views*, a newsletter published jointly by the FHWA and the NCBC to provide relevant, reliable information on all aspects of high performance concrete in bridges.

Bridge Research

www.trb.org/news/blurb_detail.asp?id=8815

The U.S. FHWA's Turner-Fairbank Highway Research Center (TFHRC) has released a report that provides a brief overview of individual TFHRC laboratories, their current activities, and laboratory managers.

<http://ntlsearch.bts.gov/tris/index.do>

The National Research Information System provides a bibliographic database of over 640,000 records of published research for all modes of disciplines and transportation.

www.trb.org/CRP/NCHRP/NCHRPprojects.asp

This website provides a list of all National Cooperative Highway Research Projects (NCHRP) 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. Some completed projects are described below:

<http://trb.org/TRBNet/ProjectDisplay.asp?ProjectID=349>

NCHRP Report 549, Simplified Shear Design of Structural Concrete Members, contains the findings of research performed to develop practical equations for design of shear reinforcement in reinforced and prestressed concrete bridge girders. Recommended specifications and commentary plus examples illustrating application of the specifications were also developed. The results of this research have been incorporated into the AASHTO LRFD Bridge Design Specifications.

http://trb.org/news/blurb_detail.asp?id=7443

NCHRP Report 579, Application of LRFD Bridge Design Specifications to High-Strength Structural Concrete: Shear Provisions, examines research performed to extend the applicability of shear design provisions for reinforced and prestressed concrete structures in the AASHTO LRFD Bridge Design Specifications to concrete compressive strengths greater than 10 ksi.

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 LRFD specifications language are available as online appendices.