

Concrete Connections is an annotated list of websites where information is available about concrete bridges. Links and other information are provided at www.aspirebridge.org.

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www.sacatonabc.com/home.html

This is a link to the website for the Sacaton Bridge Project that was mentioned in the Authority article on page 50. A short video of the slide-in of the bridge is available on the Project Updates page.

www.youtube.com/watch?v=NttbEeAOpHA

This is a link to a video of the slide-in of the Lardo Bridge mentioned in the Project Profile on page 18.

www.slideinbridgeconstruction.com

This is a link to a website for a series of training webinars on lateral bridge slides developed by the Colorado Department of Transportation (CDOT) on behalf of FHWA and Every Day Counts (EDC). The webinars focus on the perspectives of owners, the engineer/designer, and the contractor/constructor. This website provides further information on bridge slide technology that is discussed in two articles in this issue.

Bridge Technology

NEW www.fhwa.dot.gov/bridge/lrfd/webinar.cfm

This is a link to the FHWA website that provides access to 17 recorded webinars on implementation of the Load and Resistance Factor Rating (LRFR) Method. A new webinar has been recently added: "Federal Bridge Formula Weights and State-Specific Legal Loads Web Conference Seminar."

www.youtube.com/user/TheESCSI

This is a link to a website with training videos produced by the Expanded Shale, Clay and Slate Institute (ESCSI). They include a new two-part video series on how to easily produce internally cured concrete. Part One focuses on lightweight aggregate preparation, moisture testing and mix design. Part Two focuses on ready-mix plant charging and batching considerations.

www.concretebridgeviews.com

This is a link to access the 79 issues of *Concrete Bridge Views* (formerly *HPC Bridge Views*), an electronic newsletter published jointly by the FHWA and the NCBC to provide relevant, reliable information on all aspects of concrete in bridges. The recently released issue focusses on durability of bridge decks and joints.

www.aspirebridge.org

Previous issues of *ASPIRE*[™] are available to search and as pdf files, which may be downloaded as a full issue or individual articles. Information is available about free subscriptions, advertising, and sponsoring organizations.

www.nationalconcretebridge.org

The National Concrete Bridge Council (NCBC) website provides information to promote quality in concrete bridge construction as well as links to websites and publications of its members.

http://abc-utc.fiu.edu/index.php/technology/monthly_webinar_archive/

This is a link to the archive webpage for monthly webinars presented by the Accelerated Bridge Construction (ABC)

University Transportation Center at Florida International University. Many of the webinars address the use of concrete for building bridges using ABC methods.

Bridge Research

NEW www.dot.state.fl.us/research-center/Completed_Proj/Summary_SMO/FDOT-BDV31-977-11-rpt.pdf

This is a link to a recently released Florida Department of Transportation report that investigates the extent to which corrosion of steel can occur in submerged portions of reinforced concrete structures in marine environments through field studies of decommissioned pilings.

NEW www.intrans.iastate.edu/research/documents/research-reports/grouted_coupler_connections_for_ABC_w_cvr.pdf

This is a link to a recently released Institute for Transportation at Iowa State University report that evaluates the structural and durability performance of the grouted coupler connection details utilized between the drilled shaft and precast pier column and between the precast pier column and the precast pier cap on the Keg Creek Bridge.

NEW www.intrans.iastate.edu/research/documents/research-reports/grouted_coupler_connections_for_ABC_w_cvr.pdf

www.intrans.iastate.edu/research/documents/research-reports/negative_moment_reinforcing_w_cvr.pdf

These are a links to recently released Institute for Transportation at Iowa State University reports that 1) considers the effect of bridge width on deck cracking and other parameters including bridge skew, girder spacing, and abutment type, and 2) investigates negative moment reinforcement and the performance of bridge decks over intermediate supports.

NEW www.dot.state.fl.us/research-center/Completed_Proj/Summary_SMO/FDOT-BDV31-977-11-rpt.pdf

This is a link to a recently released Florida Department of Transportation report that evaluates the performance and usability of internally-cured concrete by using lightweight aggregates for bridge decks and concrete pavement slabs in Florida.

NEW www.oregon.gov/ODOT/TD/TP_RES/docs/Reports/2015/SPR750_Final_StengtheningGirders.pdf

This is a link to a recently released Oregon Department of Transportation report that investigates methods for strengthening deficient flexural steel anchorages on bridges by using supplemental surface bonded metallic reinforcing bars.

NEW www.roads.maryland.gov/OPR_Research/MD-13_SP309B4G_Stainless-Steel-Prestressing-Strands_Report.pdf

This is a link to a recently released Maryland State Highway Administration report that synthesizes critical information about stainless steel and other remedies that have been used to replace corroded prestressing steel strands and bars or prolong the corrosion rate and presents cases studies and life-cycle cost analysis studies of these alternate materials to conventional steel.