

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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<http://www.wsdot.wa.gov/Projects/SR520Bridge/BridgeAndLandings/>

This is a link to the project website for the SR 520 Floating Bridge and Landings Project that was the topic of the Project Profile article on page 18. Project photos, renderings, and some videos are available on the website.

https://abc-utc.fiu.edu/mc-events/alabamas-bridge-slide-on-ross-clark-circle-over-an-existing-culvert/?mc_id=149

This is a link to the archived webinar page for the Dothan Bridge Slide Project that was the topic of the Project Profile article on page 26. The webinar was presented by Paul Froede on July 14, 2016, as part of the monthly webinar series sponsored by the Florida International Accelerated Bridge Construction Center. A video of the webinar as well as a copy of the presentation are available on the website.

<http://www.dothanbridge.com/>

This is a link to the Alabama Department of Transportation project website for the Dothan Bridge Slide that was the topic of the Project Profile article on page 26. A conceptual video of the bridge slide and the time-lapse video of the actual slide are available on the website.

<http://nlcs1.nlc.state.ne.us/epubs/r6000/b272-2007.pdf>

This is a link to the Nebraska Department of Roads report "Design Aids for Threaded Rod Precast Prestressed Girder Continuity System" that provides information on the threaded rod continuity system that was discussed in the Concrete Bridge Technology article on page 32.

<http://www.concretebridgeviews.com/i79/Article1.php>

This is a link to the article by Matteo in *Concrete Bridge Views* titled "VDOT's Use of Concrete Closure Pours to Eliminate Bridge Deck Expansion Joints" that was cited as a reference in the Concrete Bridge Technology article on page 32.

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_519.pdf

This is a link to the NCHRP Report titled "Connection of Simple-Span Precast Concrete Girders for Continuity" that was cited as a reference in the Concrete Bridge Technology article on page 32.

https://abc-utc.fiu.edu/mc-events/economical-details-over-piers-using-simple-for-dead-load-continuous-for-live-load-design-part-1-abc-concrete-girder-bridges/?mc_id=39

This is a link to the archived Florida International Accelerated Bridge Construction Center webinar page for the presentation by Francesco Russo that was cited as a reference in the Concrete Bridge Technology article on page 32.

<http://www.in.gov/dot/div/contracts/standards/bridges/bridges.html>

This is a link to the Indiana Department of Transportation Bridges and Structures webpage on which information

about the ASCE-INDOT Structures Committee, which was mentioned in the featured state article on page 44. Available information includes the committee operating document and meeting minutes.

Bridge Research

NEW http://www.dot.state.mn.us/research/TS/2015/201550TS.pdf?utm_content=&utm_medium=email&utm_name=&utm_source=govdelivery&utm_term=

This is a link to the summary of a recently published report by the Minnesota DOT titled "Reducing Loss of Concrete Bridge Girder Prestress Force by Accounting for the Effects of Temperature." A link to the full report is provided.

NEW http://www.intrans.iastate.edu/research/documents/research-reports/Buchanan_LWFA_bridge_deck_w_cvr.pdf

This is a link to a recently released report by the Institute for Transportation at Iowa State University that investigates the feasibility of internal curing as a means to promote hydration of portland cement concretes on bridge decks.

NEW http://www.virginiadot.org/vtrc/main/online_reports/pdf/16-r13.pdf

http://www.virginiadot.org/vtrc/main/online_reports/pdf/16-r14.pdf

http://www.virginiadot.org/vtrc/main/online_reports/pdf/16-r15.pdf

These links are to recently released reports on Virginia Department of Transportation investigations of the effectiveness of shrinkage reducing admixtures, lightweight aggregate, and shrinkage compensating materials in concrete as a means to alleviate cracks in bridge deck. The first report is titled "Reducing Cracks in Concrete Bridge Decks Using Shrinkage Reducing Admixture," the second is titled "Use of Lightweight Concrete for Reducing Cracks in Bridge Decks," and the third is titled "Evaluation of Bridge Deck With Shrinkage-Compensating Concrete."

NEW http://www.virginiadot.org/vtrc/main/online_reports/pdf/16-r11.pdf

This is a link to a recently released Virginia Department of Transportation report that investigates cost-effective and aesthetic self-consolidating concrete mixtures for use in bridge beams and pier caps.

NEW http://www.virginiadot.org/vtrc/main/online_reports/pdf/16-r16.pdf

This is a link to a recently released report by the Virginia Department of Transportation that describes the use of electrochemical chloride extraction as a means to remove chlorides from reinforced concrete structures that are deteriorating because of corrosion.