

*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](http://www.aspirebridge.org).

## IN THIS ISSUE

<https://www.skyharbor.com/About/Development/PHXSkyTrainstage2>

This is a link to the Phoenix Sky Harbor Airport website for the PHX Sky Train Stage 2 project, which is the subject of Project and Concrete Bridge Technology articles on pages xx and 34.

<https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29BE.1943-5592.0001551>

This is a link to purchase *Construction and Field Evaluation of Electrically Isolated Tendons in a Prestressed Concrete Spliced Girder Bridge*. The system was installed in the Coplay-Northampton Bridge, featured in a Project article on page 20.

[https://www.ocapa.net/assets/EIC\\_2019\\_folder/2019\\_EIC\\_Projects\\_PDFs/US30%20%20Mosier%20Dry%20Canyon%20%20Chenoweth%20Creek%20Bridges.pdf](https://www.ocapa.net/assets/EIC_2019_folder/2019_EIC_Projects_PDFs/US30%20%20Mosier%20Dry%20Canyon%20%20Chenoweth%20Creek%20Bridges.pdf)

This is a link to a presentation on the rehabilitation of the Dry Canyon Bridge, which is featured in a Concrete Bridge Preservation article on page 38.

<https://www.wesavestructures.info>

The Concrete Preservation Alliance website provides information on realkalization, which is discussed in the Concrete Bridge Preservation article on page 38.

[https://www.fhwa.dot.gov/hfl/projects/ut\\_grs-ibs\\_i84\\_saltlakecity.pdf](https://www.fhwa.dot.gov/hfl/projects/ut_grs-ibs_i84_saltlakecity.pdf)

This is a link to *Utah Demonstration Project: Geosynthetic Reinforced Soil Integrated Bridge System on I-84 near Salt Lake City—Draft Report*. The project was the first use of a geosynthetic reinforced soil-integrated bridge system (GRS-IBS) on a U.S. interstate. See the State article on page 42.

<https://www.fhwa.dot.gov/publications/research/infrastructure/structures/bridge/17080/17080.pdf>

This is a link to the FHWA report HRT-17-080 *Design and Construction Guidelines for Geosynthetic Reinforced Soil Abutments and Integrated Bridge Systems*. GRS-IBS is discussed in the State article on page 42.

[https://www.youtube.com/watch?v=N3j8ATiqcAs&index=1&list=PL5\\_sm9g9d4T3ymcxjfVEdYnd2-Hj-Fozl&t=0s](https://www.youtube.com/watch?v=N3j8ATiqcAs&index=1&list=PL5_sm9g9d4T3ymcxjfVEdYnd2-Hj-Fozl&t=0s)

This is a link to *Replaceable Grouted External Post-Tensioned Tendons*, a video by the Federal Highway Administration. The topic is the subject of the FHWA article on page 46.

<https://store.transportation.org/item/collectiondetail/202>

This is a link to information on the new 9th edition *AASHTO LRFD Bridge Design Specifications*. The revised column tie spacing requirement is discussed in the LRFD article on page 53.



## TECHNICAL KNOWLEDGE

M50.3-19 **New in**  
Guide Specification for Grouted Post-Tensioning

M55.1-19 **2019**  
Specification for Grouting of PT Structures

## CERTIFICATION

Level 1&2 Multistrand & Grouted  
PT Specialist

Level 1&2 Multistrand & Grouted  
PT Inspector

