

# Electrically Isolated Tendons in European Transportation Structures

## WEBINAR

February 25, 2021

1:00 pm – 2:30 pm EST

In May 2019 the Federal Highway Administration (FHWA) conducted a Global Benchmarking Program (GBP) study to learn how Italy and Switzerland have successfully used electrically isolated tendons (EIT), an innovative non-destructive evaluation technology that offers the ability to validate the encapsulation integrity (construction quality) and remotely monitor long-term tendon condition with meaningful and interpretable data. The study team included representatives from FHWA, Minnesota DOT, Texas DOT, the American Segmental Bridge Institute, and the Post-Tensioning Institute.

The webinar will feature U.S. and international experts that will provide an overview of EIT technology and findings from the GBP study, including two key findings that can make an immediate beneficial impact on current U.S. state of practice.

Link to Study Report:

[https://international.fhwa.dot.gov/programs/mrp/electrically\\_isolated\\_tendons.cfm](https://international.fhwa.dot.gov/programs/mrp/electrically_isolated_tendons.cfm)



### Welcome and Overview of the Global Benchmarking Program (GBP)

- Thomas Everett, FHWA Executive Director



### EIT Technology Overview

- Reggie Holt, FHWA



### Study Background and Objectives

- Reggie Holt, Sr. Bridge Engineer, FHWA



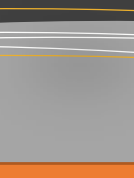
### Summary of Study Findings and Owner Perspective

- Graham Bettis, Bridge Division Director, Texas DOT



### In-Depth Discussion of Promising Technologies: PT Tendon Corrosion, Sensor & PT Installer Training Center

- Max Meyer, Group Technical Officer, VSL International Switzerland
- Adrian Gnagi, Group PT Systems Manager, VSL International Switzerland



### Webinar Closeout/Q&A



U.S. Department  
of Transportation  
Federal Highway  
Administration

Please see next page for webinar participation instructions.

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## Instructions for Participating in the Webinar

**Please use the information below to join the webinar:**

**Link to join the webinar:** <https://connectdot.connectsolutions.com/sr500xglobal/>

**Dial-in number for U.S. participants:** 800-683-4564

**Dial-in number for international participants:** 001-312-794-2079

**Participant Passcode:** 774129

1. 15 minutes prior to the Webinar start time, select the "Link to join the webinar" URL listed above.
2. On the Adobe sign-in page, select the log in as a GUEST option. (Please DO NOT use a Login ID and password.)
3. Type in your FIRST and LAST name in the field marked "GUEST", then select the button that reads "Enter Room".
4. In order to access the AUDIO portion of the program, call the teleconference number listed above using your telephone. Dial into the teleconference 10 minutes prior to your scheduled start time.

For questions or additional information, please contact: [MaryAnn.Carpenter@dot.gov](mailto:MaryAnn.Carpenter@dot.gov)