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## The Benefits of a Bigger Geotechnical Toolbox Case Histories

**Fundarstaður:** fundarsalur Vegagerðarinnar, Mótorskáli, Borgartúni 7, gengið inn frá portinu.

**Fundartími:** Miðvikudaginn 24. september kl. 17:00 - 18:00 / 18:30

**Dagskrá:**

- 17:00 Útsending, **TRB Webinar**
- 18:00 Erindum lýkur
- 18:00 - kaffi – spurningar og umræður
- 18:30 Útsendingu lýkur

TRB will conduct a webinar on September 24, 2014, from 1:00pm to 2:30pm ET that will highlight examples of subsurface investigation programs where appropriately selected geophysical and in-situ testing methods have been incorporated. This webinar is intended for geotechnical engineers, engineering geologists, highway and structural engineers, project managers, and other transportation professionals interested in increasing the value of their subsurface investigation programs.

Geotechnical subsurface investigation programs provide necessary information to assess site conditions and variation, to evaluate engineering properties of earth materials, to assess soil-structure interactions, and to identify potential project and long-term performance risks. The availability and acceptance of geophysical and advanced in-situ testing methods have expanded the capabilities of practice for both routine and non-routine projects.

### Webinar Presenters

- Vanessa Bateman, *U.S. Army Corps of Engineers - Nashville*
  - Peter Ingraham, *Golder Associates*
  - Jeffrey Reid, *Hager-Richter Geoscience*
  - Steven Grant, *Hager-Richter Geoscience*
  - Derrick Dasenbrock, *Minnesota Department of Transportation*
- Moderated by: Benjamin Rivers, *Federal Highway Administration*

### Webinar Outline

- PART 1: Optical and acoustic televiewers
- PART 2: Surface and borehole geophysical methods from highway projects in the Northeast
- PART 3: Geophysical and in-situ testing methods employed by Minnesota
- PART 4: Question and answer session,

### Learning Objectives

At the end of this webinar, participants will be able to:

- Recognize the added value that geophysical and advanced in-situ testing methods can provide geotechnical subsurface exploration programs when appropriately employed; and
- Synthesize case histories and consider similar and other methods that may be beneficially employed.