

U.S. Department of Transportation
Federal Highway Administration

Federal Highway Administration
RESOURCE CENTER

April 12, 2017

**FHWA Updates:
Geotechnical Program**

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Publications - Updates

Temporary Hold on Publishing

Publications awaiting release –

- *FHWA/ADSC Evaluation and Guidance Development for Base-Grouted Drilled Shafts*
- *GEC 5 – Geotechnical Site Characterization*
- *GEC 14 – Assuring Quality in Geotechnical Reporting Documents*

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Scheduled Updates

- GEC 10 – Drilled Shafts
 - Include base-grouting guidance
- GEC 3 – Seismic Analysis and Design
 - Errata, & subsurface investigation methods
- GEC 1 – Soils & Foundations Workshop
 - Complete rewrite for LRFD
- NHI 132031 – Geotechnical Site Characterization Course
 - incorporate new GEC 5 – Geotechnical Site Characterization and AASHTO Subsurface Investigation Manuals

Ready to Deploy

- Post-Grouted (Base-Grouted) Drilled Shaft Guidance
- GEC 14 – Assuring Quality in Geotechnical Reporting Documents
- IDEA Program (HiTEC replacement)
 - Component-centric innovative product evaluation
- ***DIGGS Implementation*** and Data Management

In the works...

- AASHTO Provisional Standard of Practice (R-Standard) for DIGGS
- AASHTO Provisional Standard for Soil Air-Voids based acceptance criteria for compaction control
- Risk-based Framework for Managing Geohazards
- Comprehensive Assessment of Corrosion of Buried Steel (with NAS)
- Potential EDC5 Initiative – Enhanced Site Characterization for Rapid Project Delivery
 - Integrating Data Management (and DIGGS), Televiewers, Seismic Methods, Electrical Methods, CPT, DMT and Measurement-While-Drilling (MWD) for routine investigations

Thank You!