Geotechnical Consultant Workshop

June 18, 2019
9:00 a.m. - 3:00 p.m.
1980 West Broad Street, Columbus, OH - Auditorium

Agenda

- Welcome, ODOT Geotechnical Staff and Organization (10 minutes) - Chris Merklin, ODOT-Office of Geotechnical Engineering (OGE)

- Roadway and Geohazards, Section Briefing (50 minutes) - Steve Taliaferro, Brian Logston, Chris Merklin, ODOT-OGE
  - Stage 2 and Final Plan Geotechnical Certification Requirement
  - Geotechnical Engineering pre-qualification requirement for self-drafting for July 2019 DRRC
  - DIGGS - Submission requirements for July 2019 DRRC
  - SGE and GB changes
  - Emergency Relief, Geotechnical Resilience, GAM
  - OpenRoads and Project Wise impacts on Geotechnical Consultants, Common drafting issues

- Exploration and Lab, Section Briefing (30 minutes) - Paul Painter, ODOT-OGE
  - Exploration requirements at large diameter culverts (>20 feet span length) and arches
  - Requirement for Truck Mounted Attenuator for Traffic Control
  - AGaME
  - NHI Course and Soil and Rock Class - access to training?
  - Issues with Reported exploration locations (elevations, relocations, etc.)
  - (NGVD 29) and (NAVD 88) online conversion tool

Break - 15 minutes (10:30 - 10:45)

- Ground Improvement, (1.5 hours) Raymond Franz, PE, D.GE, Vice President (and others), Hayward Baker

Lunch - 60 minutes (12:15 - 1:15)

- Construction Briefing (30 minutes) - Steve Slomski, ODOT-Office of Construction Administration

- Foundations and Retaining Walls, Section Briefing (60 minutes) - Alex Dettloff, ODOT-OGE
  - Determining scour depth in Ohio rock formations
  - Common review issues
  - Major BDM revision coming
  - Design stage drivability analysis: use a D19-42 hammer
  - Spread Footings for Bridges and culverts over waterways - current ODOT guidance & practice

- Wrap up