Summary of ODOT SGE Updates – July 2019

Geotechnical Proposal/Invoice Form
- Updated to reflect the new Weighted Average Overhead Rate for Calculation of Fixed Fee (156.68%)

SGE Manual
- All references to “ground water” have been changed to “groundwater” to reflect current FHWA language in GEC-5. (We note that C&MS uses both terms depending on the spec item.)
- Section 302.2.1 – updated available literature resources for office reconnaissance
- Section 302.3.10 – added clarification
- Section 302.3.11 – modified list of common land usage terms
- Section 303.2 – acknowledges the use of “x” in identification numbers for pavement cores
- Section 303.7.2 – added clarification that any culverts with a span larger than 20 feet should be explored per bridge requirements in Section 303.7.1
- Section 303.7.5 – added clarification that existing exploration requirements for High Mast Lighting Towers also apply for CCTV Towers
- Section 401 – updated GEC-5 reference
- Section 401.3 – simplified staking requirements to reflect current state of practice
- Section 402.1.2 – simplified definition of a mechanical auger
- Section 402.2 – expanded definition of portable drilling equipment
- Section 403.3 – prohibited use of core barrel sizes smaller than N series for rock coring
- Section 404.2 – added requirement to send hammer system calibration records to OGE (Paul Painter)
- Section 404.3 – added language regarding hammer energy ratio maximum value of 90% when calculating N60 – this was already part of ODOT gINT library for past year but was not in SGE text
- Section 405.5 – added clarification to rock core sample handling
- Section 406.1 – simplified test pit language
- Section 406.3 – removed language discussing potential depth that can be achieved in DCP test
- Section 407.2.3 – corrected typographical error in title
- Section 501.1 – modified language on monitoring wells
- Section 501.2 – simplified definition of open standpipe piezometer
- Section 601 – updated GEC-5 reference
- Section 602 – updated visual soil descriptions to reflect current format
- Section 603.6 – clarified that LOI tests are not required for fibrous or woody peat
- Section 605.1 – added term “Unit” to RQD and Recovery in example descriptions
- Section 605.2 – clarified format for interbedded rock description
- Section 701 – added requirement that boring data be submitted in a format that is DIGGS compatible. gINT files that are capable of being converted to DIGGS format are acceptable.
- Section 702.5.3 – added clarification that targets for pavement cores should not be included on a soil profile
- Section 702.6 – added requirement that a graphical log for every project boring be shown in profile or cross section