

Summary of Key Changes to ODOT Specifications for Geotechnical Explorations (July 21, 2014)

1. Section 100
 - a. Section 102 & 103 - updated to reflect new ODOT Plan Development Process
 - b. Section 105 - updated requirements regarding required reviews by registered engineer responsible for the geotechnical exploration report
2. Section 200 – section retired due to new ODOT Plan Development Process. Portions were moved into Section 302.2
3. Section 300
 - a. Section 302.2 – updated to include portions of former Section 200
 - b. Section 303.2 – provided further clarification on exploration identification number
 - c. Section 303.5.6 – added section on exploration of rockfall
 - d. Section 303.7.2 – clarified criteria for drilling borings
4. Section 400
 - a. Section 401.6 – added links for utility protection services
 - b. Section 401.14 – updated link to Ohio Manual of Uniform Traffic Control Devices
5. Section 500 – no changes
6. Section 600
 - a. Section 603.3.4 – updated AASHTO/ASTM test designation
 - b. Section 603.7 – added section on sulfate testing including modification to TEX-145-E method
 - c. Section 605.9 (and related sub-sections) – updated discontinuity description requirements
 - d. Section 605.11 – removed Core Loss from specification (605.11 becomes Core Recovery)
7. Section 700
 - a. Section 701 – updated requirements for submissions
 - b. Section 702.2 – updated list of acceptable horizontal scales for soil profiles
 - c. Section 702.3.1 – added details on presentation of general information on cover sheet
 - d. Section 702.3.5 – new section for requirement of listing all bridges included in soil profile
 - e. Section 702.3.6 – new section to provide additional direction on presentation of scour data
 - f. Section 702.3.7 – added columns to Summary of Soil Test Data (hand penetrometer and sulfate content test results)

- g. Section 702.5.3 – added direction on presentation of boring targets and graphical logs on separate sheets
- h. Section 702.6 (and related sub-sections) – added direction on items that were previously only shown in the sample plans in Appendix D
- i. Section 703.3 (and related sub-sections) – added new required details to be included on boring logs
- j. Section 705.8.2 – added requirements for boring log presentation

8. Appendices

- a. Appendix A.1 – modified peat description
- b. Appendix A.2 - modified to reflect GSI description requirements (only to be used for the scenarios specified in Section 605.9)
- c. Appendix C – updated laboratory forms
- d. Appendix D – eliminated severely weathered hatch from Soil and Rock Symbology Chart
- e. Appendix D – revised sample plan sheets