

STANDARD PROVISIONS LIST

(For 2018 Standard Specifications - Revised 2/3/23)

When recommending the *Geotechnical Standard Provisions* listed below for Preconstruction managed projects (not Division managed projects), do not include these standard provisions with the geotechnical recommendations. Instead, use the Page Numbers & Standards Requests Database to request the recommended *Geotechnical Standard Provisions* and do not store electronic copies of the standard provisions with the project files. *Roadway* and *Structure Standard Provisions* that were partially or entirely written by the Geotechnical Engineering Unit are also listed below for reference.

Geotechnical, Roadway and Structure Standard Provisions are available from the Geotechnical website at connect.ncdot.gov/resources/Geological/Pages/Geotech_Provisions_Notes.aspx or the S drive under Shared\NCDOT Standards\Provisions, Notes, Details & Cells (2018 Std Specs)\.

Geotechnical Standard Provisions

| Prov. No. | Effective Let Date | Title | Pay Items ¹ |
|-----------|--------------------|-------------------------------------|--|
| 01 | 10/19/21 | Drilled Piers (LFD-ASD) | <i>___ Dia. Drilled Piers in Soil</i> <i>___ Dia. Drilled Piers Not in Soil</i> <i>___ Dia. Drilled Piers</i> <i>Permanent Steel Casing for ___ Dia. Drilled Piers</i> SID Inspections SPT Testing CSL Testing |
| 02 | 10/19/21 | Piles (LFD-ASD) | <i>___ Prestressed Concrete Piles</i> <i>___ Steel Piles</i> <i>___ Galvanized Steel Piles</i> <i>Steel Pile Points</i> <i>Pipe Pile Plates</i> Predrilling for Piles Pile Redrives Pile Excavation in Soil Pile Excavation Not in Soil PDA Testing |
| 03 | 10/19/21 | Anchored Retaining Walls (LRFD) | Anchored Retaining Walls |
| 04 | 10/19/21 | MSE Retaining Walls (LRFD) | MSE Retaining Wall No. |
| 05 | 10/19/21 | Soil Nail Retaining Walls (LRFD) | Soil Nail Retaining Walls Soil Nail Verification Tests Soil Nail Proof Tests |
| 06 | 10/19/21 | Soldier Pile Retaining Walls (LRFD) | Soldier Pile Retaining Walls |
| 08 | 12/17/19 | Reinforced Soil Slopes (RSS) | Reinforced Soil Slopes Matting for Erosion Control Coir Fiber Mat ² |
| 09 | 1/16/18 | Cellular Confinement Systems | Geocells Compost Blanket ² |
| 10 | 10/19/21 | Rock Embankments | Rock Embankments Rip Rap, Class A Rip Rap, Class B #57 Stone Geotextile for Rock Embankments |
| 11 | 10/19/21 | Standard Shoring | N/A |
| 12 | 10/19/21 | Temporary Soil Nail Walls | N/A |
| 13 | 1/16/18 | Rock Slope Materials | N/A |

STANDARD PROVISIONS LIST

| Prov. No. | Effective Let Date | Title | Pay Items¹ |
|------------------|---------------------------|---------------------|---|
| 14 | 1/16/18 | Slab Jacking | Slab Jacking at _____ |
| 15 | 1/16/18 | Polyurethanes | N/A |
| 16 | 1/16/18 | Compaction Grouting | Compaction Grouting Grout Pipes |
| 17 | 10/19/21 | Micropiles | ____ Dia. Micropiles Demonstration Micropiles Micropile Verification Tests Micropile Proof Tests |

Notes:

¹Pay items in Geotechnical Standard Provisions provided by others are shown in italics in table above.

²Coir Fiber Mat and Compost Blanket provisions are Roadside Environmental provisions.

Roadway Standard Provisions

| Prov. No. | Effective Let Date | Title | Pay Items¹ |
|------------------|---------------------------|---|--|
| SP4 R02A | 1/16/18 | Bridge Approach Fills | <i>Type I Standard Approach Fill, Station _____</i> <i>Type II Modified Approach Fill, Station _____</i> <i>Type III Reinforced Approach Fill, Station _____</i> |
| SP4 R02B | 1/16/18 | Alternate Bridge Approach Fills for Integral Abutments ² | N/A |
| SP4 R05 | 10/19/21 | Piles | N/A |
| SP5 R12 | 11/18/14 | Stabilization of Coastal Plain Sands | Class IV Aggregate Stabilization |
| SP5 R17 | 3/21/23 | Aggregate Subgrade in Lieu of Chemical Stabilization | N/A |
| SP5 R20 | 11/19/13 | Soil-Cement Base (FDR) | Soil Cement Base Portland Cement for Soil Cement Base Aggregate for Soil Cement Base |
| SP5 R08 | 3/21/23 | Aggregate Subgrade ² | Class IV Subgrade Stabilization Geotextile for Subgrade Stabilization Shallow Undercut Undercut Excavation |
| SP5 R09A | 3/21/23 | Geotextile for Subgrade Stabilization | N/A |
| SP5 R09B | 3/21/23 | Geotextile for Subgrade Stabilization | Geotextile for Subgrade Stabilization |
| SP8 R17 | 12/17/19 | Horizontal Drains | Horizontal Drains Horizontal Drains Without Pipes |
| SP9 R05 | 1/16/18 | Foundations and Anchor Rod Assemblies for Metal Poles | N/A |
| SP9 R07 | 1/16/18 | Overhead and Dynamic Message Sign (DMS) Foundations | <i>Overhead Footings</i> |
| SP10 R56 | 3/21/23 | Geosynthetics ² | N/A |
| SP11 R02 | 10/19/21 | Temporary Shoring | <i>Temporary Shoring</i> |
| SP14 R04 | 1/16/18 | Roadway Lighting Foundations | <i>High Mount Foundations</i> <i>Standard Foundation</i> |

Notes:

¹Pay items in Roadway Standard Provisions provided by others are shown in italics in table above.

²Contract Standards and Development automatically includes these provisions in contracts because they are revisions to the Standard Specifications. Therefore, it is not necessary to recommend these provisions in the geotechnical recommendations.

STANDARD PROVISIONS LIST

Structure Standard Provisions

| Prov. No. | Effective Let Date | Title | Pay Items¹ |
|------------------|---------------------------|-------------------------------|------------------------------|
| PSP028 | 8/29/19 | Sound Barrier Wall | <i>Sound Barrier Wall</i> |
| PSP030 | 1/29/21 | Submittal of Working Drawings | N/A |

Notes:

¹Pay items in Structure Standard Provisions provided by others are shown in italics in table above.