Below are links to Illinois’ Geotechnical Manual, Subgrade Stability Manual, Standard Specifications and Special Provisions that apply to any geotechnical construction. Illinois does not currently have any supplemental specifications because our standard book was just updated in April 2016 but the reference is below. Our Bureau of Materials and Physical Research (BMPR) also develop Policy Memorandums that guide our inspectors and producers in the nuances of inspection of specific materials and also contain our QC/QA requirements. The link to those is also below.

Geotechnical Manual: <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Materials/Geotechnical%20Manual.pdf>

Subgrade Stability Manual: <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Bridges/Geotechnical/Subgrade%20Stability%20Manual.pdf>

Standard Specifications: <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Construction/Standard-Specifications/Standard%20Specifications%20for%20Road%20and%20Bridge%20Construction%202016.pdf>

Supplemental Specifications and Special Provisions: <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Construction/Supplemental-Standards-Specifications/Supplemental%20Specifications%20and%20Recurring%20Special%20Provisions%202016.pdf>

Bureau of Design and Environment (BDE) Special Provisions: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/Consultants-Resources/design-and-environment-bde-special-provisions>

Bureau of Materials and Physical Research Policy Memorandums: <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Specialty-Lists/Highways/Materials/Materials-&-Physical-Research/ListOfPolicyMemos.pdf>

The first chart below lists by section the construction standards with title and whether either a standard specification or BDE special provision. The second chart lists the materials sections that are also referred to in the appropriate construction section.

**Construction Standards**

|  |  |  |
| --- | --- | --- |
| **Specification** | **Title** | **Reference** |
| 202 | Earth and Rock Excavation | Standard |
| 204 | Borrow and Furnished Excavation | Standard |
| 205 | Embankment | Standard |
| 206 | Granular Embankment, Special | Standard |
| 207 | Porous Granular Embankment | Standard |
| 208 | Trench Backfill | Standard |
| 209 | Porous Granular Backfill | Standard |
| 210 | Fabric for Ground Stabilization | Standard |
| 301 | Subgrade Preparation | Standard |
| 302 | Soil Modification | Standard |
| 310 | Lime Stabilized Soil Mixture - Subbase | Standard |
| 311 | Granular Subbase | Standard |
| 312 | Stabilized Subbase | Standard |
| 350 | Lime Stabilized Soil Mixture – Base Course | Standard |
| 351 | Aggregate Base Course | Standard |
| 352 | Soil-Cement Base Course | Standard |
| 358 | Repair and Preparation of Base Course | Standard |
| 601 | Pipe Drains, Pipe Underdrains, and French Drains | Standard |
| 663 | Calcium Chloride Applied | Standard |
| 80274m | Aggregate Subgrade Improvement | BDE Special |

**Materials Standards**

|  |  |  |
| --- | --- | --- |
| **Specification** | **Title** | **Reference** |
| 1003 | Fine Aggregates | Standard |
| 1004 | Coarse Aggregates | Standard |
| 7-08.2 | Recycling Portland Cement Concrete into Aggregate | BMPR Policy Memo |
| 1009 | Soil | Standard |
| 1012 | Lime | Standard |
| 1013 | Chlorides | Standard |
| 1031 | Reclaimed Asphalt Pavement | Standard |
| 31-13.0 | Reclaimed Ashpalt Pavement (RAP) for Aggregate Aplications | BMPR Policy Memo |
| 1080 | Fabric Materials | Standard |