

Appendix 4:
Pavement Design Deliverable Checklist

**PAVEMENT DESIGN PACKAGE SUBMITTAL CHECKLIST
COLUMBIA COUNTY, GA**

Project Name: _____

Address/Location: _____

Property Owner: _____

Design Engineering Firm: _____

Design Engineer: _____

Geotechnical Testing Firm/Independent Lab: _____

Package Submittal Date: _____

Pavement Design Package shall be one combined PDF, in the order listed below:

1. Completed Pavement Design Package Submittal Checklist
2. Project Summary, which includes:
 - a. Project Description
 - b. Selected Pavement Section(s)
 - c. Proposed Pavement Typical Section(s)
 - d. Other Design Factors
3. Site Layout (Master Plan, if applicable) with Street Names/Lot Layout
4. Pavement Design Analysis* shall include at a minimum (see Appendix 3 Example):
 - a. Units proposed, Regional Factor, CBR value, and Construction Traffic Usage
 - b. Soil Support Correlation Chart (Appendix 2) with CBR to SSV correlation redline
 - c. Traffic Analysis and TDL Computation
5. Lab Results* shall include at a minimum:
 - a. CBR laboratory testing results
 - b. Cement stabilized soil mix design laboratory testing results (if applicable)
6. Complete Subsurface Geotechnical Investigation Report*

*Requires the seal and signature of a Registered GA Licensed Professional Engineer

NOTE: Should the Applicant wish to perform the required geotechnical activities for the pavement design during the construction phase of the project instead of with plan approval, Columbia County will grant conditional approval of the plans as it pertains to the pavement design provided the following criteria are met:

1. A **C-8 Pavement Section** or a **B-8 Pavement Section with Cement Stabilized Sub-Grade** detail is shown on the plans watermarked with “**NOT FOR CONSTRUCTION.**”
2. The following note is added directly below the abovementioned pavement section detail in the plans:
 - a. “As of the approval of these plans by Columbia County, this pavement section is NOT approved for construction. A pavement section, meeting the requirements set forth in the **Design Supplement A, Columbia County Pavement System Design Requirements**, is required to be submitted to and approved by Columbia County prior to the mixing of cement or placement of any base material.”
3. By utilizing this option, the Applicant affirms that they understand the final pavement section(s) approved by Columbia County is subject to change and any and all risk and delays for the project involved with utilizing this option lies solely on the Applicant.