



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

DATE: August 12, 2024

TO: Brian Hanks, PE
State Structures Engineer

Troy Brooks, PE
State Construction Engineer

FROM: Matthew Alexander, PE
State Geotechnical Engineer

SUBJECT: Change of Unit of Measurement for Foundation Recommendations

DocuSigned by:

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This memorandum is to notify you that effective immediately the Geotechnical Engineering Unit will begin providing foundation recommendations using kips rather than tons. Recommendations are being provided in tons currently and converted to kips for construction purposes. Previously sealed recommendations will not be revised to change the unit of measurement from tons to kips. The Geotechnical Foundation Tables have been updated to reflect the change in unit of measurement and to update dynamic pile testing to match 2024 Standard Specifications.