



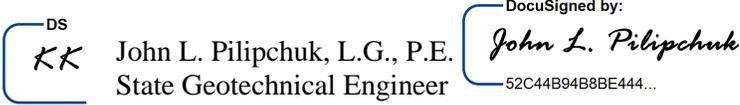
PAT McCrory
Governor

NICHOLAS J. TENNYSON
Secretary

May 9, 2016

MEMORANDUM TO: Glenn W. Mumford, P.E.
State Roadway Design Engineer

ATTENTION: Anthony H. Houser, P.E.
Project Engineer

FROM:  John L. Pilipchuk, L.G., P.E.
State Geotechnical Engineer

STATE PROJECT: 50125.1.FS1 (I-5710)
F. A. PROJECT: NHPP-0540(030)
COUNTY: Wake
DESCRIPTION: West Bound Ramps Along I-540 at SR 1839 (Leesville Road),
NC 50 (Creedmoor Road), SR 1005 (Six Forks Road), and SR
2000 (Falls of the Neuse Road)

SUBJECT: Standard Shoring Details

The Geotechnical Engineering Unit (GEU) has received the following proposed temporary shoring locations for the referenced project:

Shoring Location No.	Begin Station & Offset	End Station & Offset	Estimated Average Height	Estimated Maximum Height	Unit Requesting Temporary Shoring
No. 1	-RB4- 8+50± 16' LT	-RB4- 14+00± 20' LT	6.735'	10.0'	WZTC

The GEU recommends including geotechnical Standard Detail No. 1801.01 in the contract for the proposed shoring locations. Hard copies of these details are not attached to this memorandum; current versions of standard shoring details are available from the geotechnical website at: connect.ncdot.gov/resources/Geological/Pages/Geotech_Forms_Details.aspx

Secure sealed PDFs of the standard details recommended for this project will be placed on the ProjStore in the \Common\Final Plans\100 Roadway Plans\ folder at least 15 weeks before letting. Please contact Jinyoung Park, P.E. or Jamey Batts, P.E. at (919) 662-4710 if there are any questions concerning this memorandum.





DocuSigned by:
Jinyoung Park
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5/9/2016

Jinyoung Park, P.E.
Senior Geotechnical Engineer

JLP/JRB/JYP