



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

October 8, 2014

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

ATTENTION: James A. Speer, P.E.
Roadway Project Engineer

FROM: DS
KK John L. Pilipchuk, L.G., P.E.
State Geotechnical Engineer DocuSigned by:
John Pilipchuk
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STATE PROJECT: 34915.1.1 (U-3308)
F. A. PROJECT: STP-0055(20)
COUNTY: DURHAM
DESCRIPTION: NC 55 (Alston Ave.) from NC 147 (Buck Dean Freeway) to US 70
Business/NC 98 (Holloway St.)

SUBJECT: **Subsurface Investigation Report for Temporary Shoring No. 4**

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. 4	-LALT- 36+30 0±, 7.9' RT	-LALT- 38+25 ±, 6.6' RT	3.2'	3.8'	WZTC Unit

The GEU recommends including the attached Subsurface Investigation Report for Temporary Shoring No. 4 in the contract. Also, please include in the contract the Temporary Shoring Provision (Special) provided with the previous temporary shoring recommendations memo dated July 11, 2014. Please note no Geotechnical Standard drawings for temporary shoring are required for this project.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
1589 MAIL SERVICE CENTER
RALEIGH NC 27699-1589

TELEPHONE: 919-707-6850
Fax: 919-250-4237

www.ncdot.gov/doh/preconstruct/highway/geotech

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

October 8, 2014
34915.1.1 (U-3308)
Page 2

Please contact Thein T. Zan, P.E. or James R. Batts, P.E. at (919) 662-3576 if there are any questions concerning this memorandum.



Thein T. Zan, P.E.
Geotechnical Engineer

JLP/JRB/TTZ

Attachment: Subsurface Investigation Report (Inventory Report)

MAILING ADDRESS:
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