

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE NH000-0073-03 (242) Cobb
Northwest Corridor Project
PI No. 714130

OFFICE Materials and Research
Forest Park, GA.

DATE March 10, 2010

FROM *T.S. for*
Georgene M. Geary, P. E., State Materials and Research Engineer

TO Darryl Van Meter, P. E., Innovative Program Delivery Engineer
Attn: John Hancock, Program Development Design Group Manager

SUBJECT Bridge Foundation Investigation Review
I-285 West Bound to I-75 Reversible Lanes over Cumberland Parkway -
Bridge 7A

As requested, we have reviewed the Bridge Foundation Investigation report, dated December 1, 2009, prepared by Willmer Engineering Inc. for the aforementioned site. We recommend as follows:

- 1. Maximum Pile Design Loads:** We recommend a load transfer of 70% end bearing and 30% friction.
- 2. Elevations:** We recommend the minimum tip be changed as follows:

Elevations

<u>BENTS</u>	<u>BOTTOM OF SHAFT</u>	<u>BOTTOM OF FTG</u>	<u>MINIMUM TIP</u>	<u>ESTIMATED TIP</u>
1			810	
2			813	
3			816	

- 3. Waiting Period:** Since the majority of the fills are in place, the waiting period may be eliminated.

This report should be revised and resubmitted to this office for further review.

If additional information is needed, please contact Nancy Smith of the Geotechnical Engineering Bureau at 404-363-7546.

GMG: NFS

Copy: Paul Liles, P. E., State Bridge and Structural Design Engineer