

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 *J. Geary*
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 over I-75 East Bound Ramp - Bridge 9

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			850	
2			850	
3			855	

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