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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 January 20, 2010

FROM *Z.S. 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-75 Reversible Lanes over 48" Cross Drain – Bridge 13A

As requested, we have reviewed the Bridge Foundation Investigation report, dated December 3, 2009, prepared by Willmer Engineering Inc. for the aforementioned site. We recommend as follows:

- 1. **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			937	936
2			915	
4			949	

Also, the “±” symbol from all the minimum and estimated tip elevations should be removed.

- 2. **Temporary Shoring:** We recommend changing “will be” to “may be”.
- 3. **Down Drag Protection:** Down drag protection is not needed at Bent 4.

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