

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 26, 2010

FROM *U.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 Wall Foundation Investigation Review
I-285 West Bound to I-75 Reversible Lanes – Wall 20 & 21

As requested, we have reviewed the Wall Foundation Investigation report dated December 4, 2009, prepared by Willmer Engineering Inc. for the aforementioned site and we recommend as follows:

- 1. Recommendations:** We recommend the soft soils be undercut a minimum of 5 feet beneath the wall footprint at Wall # 20 and Wall # 21 and replaced with MSE backfill material from Station 387+50± to Station 394+16±. Specify removal by stations rather than boring logs. Excavated material may be dried out and used in the shoulders. This work should be done at the direction of the Engineer.
- 2.** On future reports, we recommend the bottom of footing location be included on the boring logs.
- 3. Appendix II:** When resubmitting the final report, we recommend the grain size distribution test results be shown on a single summary sheet.
- 4.** Add the county name to the DOT project number.

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