STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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MEMO TO: Roadway Design Project Engineers
Tim Rountree, PE
Terry Hopkins, PE
Charlie Casey, PE

FROM: John E. Alford, PE *John E. Alford*
State Roadway Design Engineer

DATE: August 14, 2001

SUBJECT: Concrete Median Barrier Sign Foundation

Garry Lee of Design Services has brought to my attention that there is inconsistency from project to project in providing Concrete Median Barrier Sign Details. The purpose of this memorandum is to establish a procedure that would eliminate this inconsistency.

All of the effective Units have agreed to the following procedure. Beginning with the January 2002 Letting, projects with proposed concrete median barrier sign foundations should be handled as follows:

- Signing will provide both the Roadway Project Design Engineer and Structure Design (Farzin Asefnia) locations of all proposed Concrete Median Barrier Sign Foundations. This should be accomplished by week 26 of the project flow chart.
- The Roadway Engineer will then provide Structure Design with the type of barrier, typical sections, and grades at each barrier location. See the attached form.
- The Roadway plans will call for Roadway Standard 854.05, Concrete Median Transition Barrier.
- Structure Design will furnish a special Concrete Median Barrier Foundation for Sign Assembly detail for each location to Signing for inclusion in the signing plans. A copy of this detail will also to be provided to Roadway for use in preparing median barrier quantities only (do not place in the Roadway plans). Also attached is an example of this detail.
- The cost of the sign base and foundations are included in the cost of the overhead sign assembly. The transition sections for median barrier will continue to be a Roadway pay item.

Please let me know if you have questions or comments. THANKS!

JEA/

Attachments

cc w/attach: Deborah Barbour, PE
Farzin Asefnia, PE
Ron King, PE
Jay Bennett, PE
Dewayne Sykes, PE
Garry Lee, PE

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