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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LYNDO TIPPETT
SECRETARY

Roadway

MEMO TO: Roadway Design Project Engineers
Division Engineers
Division Construction Engineers
Roadway Construction Engineers
David Henderson, PE
Victor Barbour, PE
Bill Rosser, PE

FROM: Jay A. Bennett, PE ^{FOR} Ron Allen
State Roadway Design Engineer

DATE: July 8, 2004

SUBJECT: Discontinued use of Shoulder Berm Gutter with GRAU-350 & M-350

This is a follow-up to an issue that was discussed by the Guardrail Committee last year and addressed during the August 20, 2003 Roadway Design Staff meeting. Shoulder berm gutter should not be used under GRAU-350 or M-350 guardrail anchor units. However, shoulder berm gutter should be used in all cases where there is a Type III anchor unit.

Design groups should review all of their projects to bring them in compliance with this memo. As for projects that are under construction or nearing completion, a memo from the Construction Unit will be forthcoming which will give guidance to address this issue.

If you need to discuss further, please contact either Ron Allen or me at 919-250-4016.

JAB/rda

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