



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti, P. E.
State Structures Engineer

DATE: December 5, 2011 (rev. December 7, 2011)

SUBJECT: VERTICAL CONCRETE BARRIER RAIL

The minimum height of the vertical concrete barrier rail shall be 42" (1.07 m) above the riding surface. The revised rail satisfies the AASHTO LRFD requirements for a TL-4 bridge rail.

The Cored Slab Standard Design Plans, Standard Drawings GRA3 and CBR2, as well as Design Manual Figures 6-10 and 6-11 have been updated.

This policy is effective immediately on all new projects. Make every effort to use the revised rail on projects currently in development.

GRP/GM

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