Doug, Discuss these letters with me again
JAY

12/13/11

CC: Copies sent 12/8/11

ROADWAY DESIGN UNIT

DEC 08 2011

__BENNETT
__STEPHENSON
✓MUMFORD
✓LOVERING
✓[illegible]
✓PATEL
✓WALLS
✓FYI
✓TAYLOR
✓BREW
✓GOODNIGHT
✓HAMIDI
✓J. MOORE
✓THOMAS
✓[illegible]
✓HOUSER
✓B. MOORE
✓SPEER

REVIEW/DISCUSS WITH _____
__PREPARE REPLY FOR __SIGNATURE

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

cc: T. K. Koch, P. E.
R. A. Raynor, Jr., P. E.
E. B. Nelson, P. E.
H. Black, P. E.
J. A. Bennett, P. E.
D. S. Chang, P. E.
R. A. Hancock, P. E., Attn.: M. S. Robinson, P. E.
R. D. Rochelle, P. E.
E. Dubin, P. E., FHWA

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
STRUCTURE DESIGN
1581 MAIL SERVICE CENTER
RALEIGH NC 27699-1581

TELEPHONE: 919-707-6400
FAX: 919-250-4082

WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
BUILDING A
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610

ROADWAY DESIGN UNIT
DEC 07 2011
__BENNETT __TAYLOR
__STEPHENSON __BREW
__GOODNIGHT
__MUMFORD __HAMIDI
__LOVERING
__MCCOLLUM
__PATEL
__WALLS
✓FYI
REVIEW/DISCUSS WITH
__PREPARE REPLY FOR __SIGNATURE

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

SUBJECT: VERTICAL CONCRETE BARRIER RAIL

Effective with the February 2012 letting, 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.

GRP/GM

cc: T. K. Koch, P. E.
R. A. Raynor, Jr., P. E.
E. B. Nelson, P. E.
H. Black, P. E.
J. A. Bennett, P. E.
D. S. Chang, P. E.
R. A. Hancock, P. E., Attn.: M. S. Robinson, P. E.
R. D. Rochelle, P. E.
E. Dubin, P. E., FHWA

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
STRUCTURE MANAGEMENT UNIT
1581 MAIL SERVICE CENTER
RALEIGH NC 27699-1581

TELEPHONE: 919-707-6400
FAX: 919-250-4082

WEBSITE: WWW.NCDOT.ORG

LOCATION:
CENTURY CENTER COMPLEX
BUILDING A
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610