

12/12/11
Doug
DISCUSS THESE
LETTERS WITH
ME AGAIN
JAY



CC:
Copies sent
12/8/11

ROADWAY DESIGN UNIT	
DEC 08 2011	
<input type="checkbox"/> BENNETT	<input checked="" type="checkbox"/> TAYLOR
<input type="checkbox"/> STEPHENSON	<input checked="" type="checkbox"/> BREW
	<input checked="" type="checkbox"/> GOODNIGHT
	<input checked="" type="checkbox"/> HAMDI
<input checked="" type="checkbox"/> MUMFORD	<input checked="" type="checkbox"/> J. MOORE
<input checked="" type="checkbox"/> LOVERING	
<input checked="" type="checkbox"/> EUGENE A. COMPTON	<input checked="" type="checkbox"/> TUCKER
<input checked="" type="checkbox"/> PATEL	SECRETARY <input checked="" type="checkbox"/> MOORE
<input checked="" type="checkbox"/> WALLS	<input checked="" type="checkbox"/> MOORE
<input checked="" type="checkbox"/> FRI	<input checked="" type="checkbox"/> SPEER
REVIEWED BY	SIGNATURE
PREPARE REPLY FOR	

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

MEMORANDUM TO: Project Engineers
Project Design Engineers

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

GRP

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

ROADWAY DESIGN UNIT	
DEC 07 2011	
<input type="checkbox"/> BENNETT	<input type="checkbox"/> TAYLOR
<input type="checkbox"/> STEPHENSON	<input type="checkbox"/> BREW
<input type="checkbox"/> MUMFORD	<input type="checkbox"/> GOODNIGHT
<input type="checkbox"/> LOVERING	<input type="checkbox"/> HAMILI
<input type="checkbox"/> MCCOLLUM	<input type="checkbox"/> MOORE
<input type="checkbox"/> PATEL	<input type="checkbox"/> EUGENE A. CONTI, JR.
<input type="checkbox"/> WALLS	SECRETARY
<input checked="" type="checkbox"/> FYI	<input type="checkbox"/> HANSEN
	<input type="checkbox"/> B. MOORE
	<input type="checkbox"/> SPEER
REVIEW/DISCUSS WITH	
PREPARE REPLY FOR	SIGNATURE

MEMORANDUM TO: Project Engineers
Project Design Engineers

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

GRP/GM

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

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