



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, PE  
State Bridge Design Engineer

DATE: August 30, 2010

SUBJECT: DESIGN MANUAL REVISION

Chapter 6 of the Design Manual has been revised to correct the grade of structural steel for typical steel plate girders. Structural steel shall be Grade 50W (345W); not Grade HPS 50W (345W). Structural steel for hybrid girders shall be HPS.

This revision is effective retroactively to the September letting. The Design Manual is available via the Structure Design Unit web page.

GRP/GM/

cc: T. K. Koch, PE  
R. A. Raynor, Jr., PE  
T. S. Drda, PE, FHWA  
R. A. Hancock, PE, Attn: M. S. Robinson, PE  
D. D. Holderman, PE  
R. D. Rochelle, PE

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

TELEPHONE: 919-250-4037  
FAX: 919-250-4082  
*WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)*

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