



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: October 15, 2012

SUBJECT: QC/QA FOR STRUCTURE PLANS

To be in compliance with FHWA and AASHTO guidelines, structure plan sheets shall be signed and dated by the Design Engineer of Record. The Engineer's signature and date should appear with the name(s) and date(s) of the drafter and checker. Revise the signature box as follows:

Drawn By: \_\_\_\_\_ Date: \_\_\_\_\_  
Checked By: \_\_\_\_\_ Date: \_\_\_\_\_  
Design Engineer of Record: \_\_\_\_\_ Date: \_\_\_\_\_

Private Engineering Firms may use alternate methods of indicating the plan details meet the requirements of the design calculations on the plan sheets.

In addition, Private Engineering Firms will be required to provide written documentation of the QC/QA procedures followed by the firm showing it is in compliance with the FHWA guidance document "Guidance on QC/QA in Bridge Design in Response to NTSB Recommendation (H-08-17)". The documentation should be submitted during the annual update of the firm's status.

Standard plans and cored slab/box beam standard design plans will not require the Design Engineer of Record's signature if the plan sheets are not altered.

This policy is effective with the April 2013 letting.

GRP/RAR/BCH

Project Engineers  
Page 2  
October 15, 2012

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