



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT JR.
GOVERNOR

P.O. BOX 25201, RALEIGH, N.C. 27611-5201

DAVID MCCOY
SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers
FROM: W. J. Rogers, P.E.
State Bridge Design Engineer
DATE: October 8, 1999
SUBJECT: ELASTOMERIC BEARING STANDARDS

The Elastomeric Bearing Standard Drawings EB1(SM) through EB4(SM) have been revised and are attached for your use. This revision results from a request by the contractors of the AGC-DOT Joint Bridge Design Committee to eliminate anchor bolt shop drawing submittals for these bearings.

A note stating material specifications has been added. Additionally, a 4" (100 mm) thread length and a 15" (380 mm) swedge length have been added to each End View. Lastly, a space has been provided to detail the anchor bolt length in the callout for anchor bolt size. For elastomeric bearings, the length of all anchor bolts shall be shown on both the Elastomeric Bearing Standard Drawings and the substructure sheet(s). The anchor bolt length shall be determined as outlined in the Design Manual. In the event that multiple lengths of anchor bolts are required for an elastomeric bearing type, the anchor bolt length shall be either dual dimensioned or shown in tabular format.

This policy is effective with the March 2000 letting. The revised standards are available through the SDD1 directories and the [Structure Design Homepage](#). The Design Manual will be revised at a later date.

WJR/RDR/



[Back to Structures Main Page](#)

Last Updated: 10/8/99 by:Robert Wright

[E-mail Structure Design](#)