



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

MEMORANDUM TO: Project Engineers  
Project Design Engineers

FROM: G. R. Perfetti, P. E.  
State Bridge Design Engineer

DATE: May 7, 2003

SUBJECT: BARRIER RAIL TRANSITION

At the request of the Construction Unit, the barrier rail transition width has been decreased by  $\frac{1}{2}$ " (12mm) in order that the top width of the barrier rail transition will match the barrier rail top width at 9" (228 mm). Structure Standards BAS2 (SM), BAS3 (SM), BAS5 (SM), and BAS6 (SM) are affected by this revision.

The approach slab width shall continue to be calculated in the same manner as current.

These revisions as well as other revisions to the Structure Standards are detailed in the 2003 Revisions to the Structure Standards. The standard drawings are available on both the S: Drive and the Structure Design Homepage. The Design Manual will be revised at a later date.

GRP/JTE

Cc: P. A. Simon, FHWA.  
R. V. Keith, P. E.  
R. A. Raynor, P. E.  
C. O. Wiggins, P. E.  
R. Hancock, P. E.