



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: October 28, 2004

SUBJECT: BOND BREAKING TAPE ON CORED SLABS

At the request of the Construction and Bridge Maintenance Units, bond-breaking tape shall no longer be detailed over the joints on cored slab bridges when an asphalt overlay is required. Joints shall be detailed with joint sealer material over a backer rod in the joint opening, and the asphalt overlay will be paved over the sealed joint.

This policy is effective immediately. A formal plan revision will be required for all cored slab bridges with an asphalt overlay that have been let and/or are currently under construction.

Structure Standards PCS1(SM), PCS2(SM), PCS3(SM) have been revised and are available on the both the S: drive and the Structure Design Unit web site. The Design Manual and Project Special Provisions will be updated at a later date.

GRP/GM

cc: R. V. Keith, P. E.  
R. A. Raynor, Jr., P.E.  
T. S. Drda, P. E., FHWA  
E. C. Powell, Jr., P. E., Attn: R. Hancock, P. E.  
J. Emerson, P. E.