



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.
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