



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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GOVERNOR

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SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

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

DATE: May 1, 2008

SUBJECT: Sub-Regional Tier Bridge Approach Slabs and Approach Fills

In accordance with the *Sub-Regional Tier Design Guidelines for Bridge Projects* the following guidelines shall be used for approach slabs and approach fills for bridges with this functional classification.

Detail 12'-0" (3.66m) approach slabs with stone backfill on plans for sub-regional tier bridges that are in the Mountain and Piedmont regions, i.e. not in the Coastal Plain. For sub-regional tier bridges in the Coastal Plain, detail 12'-0" (3.66m) approach slabs with standard reinforced bridge approach fills. The Coastal Plain is defined in Section 1018-2(B) of the 2006 Standard Specifications.

A new standard drawing, showing the stone backfill under the approach slab, is available for use in developing plans.

- [BAS 13](#) -- Bridge Approach Slab for Prestressed Concrete Cored Slab Unit (Sub-Regional Tier)

The standard drawing is available via the network drive and Structure Design's web site. The Design Manual will be revised at a later date.

This policy is effective with the November 2008 letting.

GRP/GM

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