



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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SECRETARY

**MEMORANDUM TO:** Project Engineers  
Project Design Engineers

**FROM:** W. J. Rogers, P. E.  
State Bridge Design Engineer

**DATE:** October 13, 1997

**SUBJECT:** EPOXY COATED REINFORCING STEEL

The following policy shall be effective with all new plans prepared:

For stream crossings in highly corrosive environments and corrosive environments less than 15 feet (4.6mm) above mean high water, all mild reinforcing steel in prestressed girders, cored slabs, prestressed piles and cast-in-place concrete including drilled piers shall be epoxy coated.

For cast-in-place deck slab bridges, decks on girders with removable forms and overhangs, place a note on the plans requiring epoxy coated bar supports for the bottom layer of steel.

Furthermore, all reinforcing steel in cast-in-place and precast culverts in highly corrosive environments shall be epoxy coated.

The Design Manual will be revised to reflect this policy at later date.

WJR/RGW/ap



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Last Updated: 8/11/98 by: Steven Rackley

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