



STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

RALEIGH 27611

JAMES B. HUNT, JR.
GOVERNOR

WILLIAM R. ROBERSON, JR.
SECRETARY

DIVISION OF HIGHWAYS

May 3, 1983

MEMORANDUM

TO: Division Engineers

FROM: R. F. Coleman, P.E., Chief Engineer

SUBJECT: Bridge End Delineators at Culvert Endwalls

Bridge end delineators should be placed on the shoulder at all culvert endwalls. At many locations where the shoulder extends out as far as the culvert endwall, or sometimes even further, it is difficult to see the culvert endwall until the motorist is very close to it. As a warning the bridge end delineator should be placed at this culvert endwall.

Attached are two sketches labeled Sketch A and Sketch B. Bridge end delineators as shown on Sketch A should be located at the culvert endwall where the shoulder width is about the same as the distance to the endwall. Bridge end delineators as shown on Sketch B should be placed when the shoulder and the fill slope extend well beyond the culvert endwall.

This is to request that you ask your Traffic Services people to check all culvert endwalls in your Division to be sure that they are properly signed.

RFC/aw:tme

Att.

cc: Mr. Billy Rose, att
Mr. W. F. Caddell, Jr.,
Mr. M. C. Adams, P.E., att
Mr. W. F. Rosser, P.E., att
Mr. J. M. Lynch, P.E., att
Division Traffic Engineers, att
Area Traffic Engineers, att