



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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MEMORANDUM TO: Project Engineers
Project Design Engineers
FROM: W. J. Rogers, P.E.
State Bridge Design Engineer
DATE: May 28, 1999
SUBJECT: ARMORED EVAZOTE JOINT STANDARD

As a result of the 10th FHWA/NCDOT Expansion Joint Tour observations of loose, rattling armor installations, the Armored Evazote Joint Details standard drawings, AEJ1 and AEJ1SM, have been revised to show an unreinforced blockout containing elastomeric concrete surrounding the joint.

Armored seals are still required on all bridges with an ADTT of 2500 or greater. Furthermore, all evazote joints on bridges on the National Highway System shall be armored, regardless of ADTT.

A new Project Special Provision for Elastomeric Concrete is required by the notes and can be obtained from the Engineering Development Squad. Additionally, the Project Special Provision for Evazote Joint Seals will be revised in the near future.

This policy is effective with the September, 1999 letting; however, please consult with the Engineering Development Squad for those projects to be let in August, 1999. The revised standard drawings are available on both the SDD1 directories and the [Structure Design Homepage](#). The Design Manual and Project Special Provisions will be revised at a later date.

WJR/RH/ts



[Back to Structures Main Page](#)
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