

**New Jersey Department of Transportation
CORRECTIVE ACTION NOTICE**

CAN No. CAN057

QUALITY MANAGEMENT SERVICES

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Approved: B. Strizki

Date: 8/29/2002

Subject: Beam Guide Rail End Treatment

Bureau(s) Affected: Bureau of Construction and Maintenance

Description of Issue(s):

A recent field inspection by staff of the Traffic Signal and Safety Engineering Unit revealed that wood blockouts on several guide rail end treatment installations are not nailed to the posts. As a result, as the wood weathers and dries out, the blockouts are free to rotate (see-attached pictures).

The requirement to nail the wood blockouts to the posts is part of the manufacturers' installation instruction for beam guide rail end treatments. Guide rail end treatments were tested and approved based on these installation procedures. Failure to comply with them may result in the systems not performing properly.

Corrective Action Plan:

To address the above situation, after the blockout is attached for the types of guide rail end treatments listed below, a galvanized steel 10d common nail must be driven through the block and into the post to prevent rotation when the wood shrinks. The intent of this Corrective Action Notice is to advise Resident Engineers and other Construction personnel of this installation requirement for future construction contracts.

This installation requirement applies to the **FLEAT 350, SKT 350, SRT 350, and ET 2000** end treatments. For additional information, the installation manual can be downloaded from the manufacturer's web site at: www.roadsystems.com for the FLEAT 350 and SKT 350 end treatments, and at: www.highwayguardrail.com for the SRT 350, and ET 2000 end treatments.

Implementation: Immediately

