

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

QUALITY MANAGEMENT SERVICES

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CAN No. CAN 005

Approved

Date: 5/29/97

Bureau(s) Affected: Scope, Design and Construction

Description of Problem(s):

In an attempt to improve the direction signs available to the public, the DOT has embarked on an aggressive campaign to put in place new street signs. Many of these signs are to be installed on the Mast Arms of traffic signals throughout the State. Three contracts were let to install these signs. Once installation began on the new signs, a difficulty with the Mast Arm Sign Assemblies was discovered. The standard detail for the assembly proved to be inadequate for the new signs causing the chains holding the signs to fail. The Bureau of Traffic Signal and Safety Engineering requested that the installation of the new directional signs be halted until the problem could be corrected. This was done in early April. Though this action stopped most of the new sign installation, there may be cases in design or construction where the new street signs are required. The use of the existing standard detail can lead to failure of the sign assembly.

Corrective Action Plan:

Due to the problems with the **Mast Arm Sign Assembly (Standard Electrical Details (metric) 1996 Sheet T-1894M and Standard Electrical Details (english) Sheet T-1894M) Details "A", "B" and "C"** should no longer be utilized. The Mast Arm Sign Assembly does not adequately support the new, larger street name signs. The Department is in the process of testing an alternative type of sign mounting hardware. When the evaluation is complete, new details will be issued. The new Mast Arm Assembly will be used for all new Mast Arm Signs.

It is estimated that the new details should be available in approximately four weeks.

Implementation: Immediately