

MEMORANDUM

State of Alaska

Department of Transportation and Public Facilities
Statewide Design and Engineering Services Division

TO: DISTRIBUTION


DATE: April 15, 2002

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FROM: Michael L. Downing, P.E.
Chief Engineer 

SUBJECT: Action Required to Comply with
DOL Requirements for Electrical
Components

The department has reached agreement with the Department of Labor (DOL) about third party listing requirements for electrical components for traffic signals and road lighting systems. A copy of the agreement is attached.

Obligations. The agreement obligates the department to:

- 1) List all traffic signal and roadway lighting electrical components for which third party listing or labeling is available (and therefore required) on a new Materials Certification List.
- 2) Subsequently revise the Materials Certification List (MCL) every three months to show 1) new components and 2) components for which listing or labeling has become available. Transmit the revised MCL to DOL at the beginning of each quarter.
- 3) Ensure that construction contractors comply with the labeling and listing requirements on the MCL (DOL inspectors will require this).

Background: The specifications currently require all electrical components for signals and lighting to be listed or labeled. However, listing or labeling is not available from the manufacturer for some components – the only way to get it would be for the department (or a contractor) to independently hire a third party to do it. This is not practical or cost-effective. The new agreement relaxes the requirement and only requires listing or labeling when it is available from the manufacturer.

Responsibility. Ensure that the following tasks are done in your section.

Statewide Materials: Post the revised MCL on their web site (completed 4/10) and post quarterly updates submitted by HQ Traffic.

Design: Start using the updated 660 MCL immediately. Be aware that some conductors, including loop lead-in cables, are larger than before. Size conduit and j-boxes accordingly.

Construction: For projects advertised after 10/1/01, ensure compliance with the MCL by either sticking with the current specification which requires listing on all electrical items or add a

specification by change order saying that only those items called out in the new MCL are required to be listed or labeled. Be aware that some conductors, including loop-lead-in cables specified in the new MCL are larger than before.

Regional Traffic and Safety: Submit changes to the MCL (new components and / or components for which listing or labeling has become available since the last update) to HQ Traffic no later than two weeks prior to the end of each calendar quarter (The end of March, June, September, and December).

HQ Traffic: Compile the quarterly changes and transmit the revised MCL to DOL and Statewide Materials.

Attachment

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