

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

QUALITY MANAGEMENT SERVICES

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CAN No. CAN046

Approved: B. Strizki

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Subject: Removal of Pavement Reflectors & Castings/Removal & Replacement of the Pavement Reflector Lenses

Bureau(s) Affected: All Design Consultants
In-House Production Teams
Office of Traffic Signal & Safety Engineering
Bureau of Program Support Services

Description of Issue(s):

There has been a reported instance where there was a shift in a traffic pattern during the construction of a project, but the existing raised pavement markers were not removed. As a result, motorists who were unfamiliar with this new traffic pattern and followed these markers at night could have been inadvertently misled.

The current Standard Specifications do not address the removal of raised pavement markers. This work is routinely required prior to milling a pavement surface and may be required in other select instances, so a standard pay item and specification is necessary.

For temporary lane shifts or staged construction where traffic is eventually returned to the original configuration, the normal practice is to remove or break out the reflective lenses (leaving the castings in place) for the temporary configuration, and replace the lenses once traffic is returned to the original configuration. Therefore, a standard pay item and specification for the removal and replacement of the pavement reflector lenses is also necessary.

Corrective Action Plan:

Attached are Subsections 618.01, 618.12, 618.13, and 618.14 of the Standard Specifications with highlighted revisions that include a standard pay items and specifications for the removal of raised pavement markers, and removal and replacement of pavement reflector lenses. These revisions are to be used on projects as appropriate. The pay items are "Removal of Pavement Reflectors and Castings" and "Removal and Replacement of Pavement Reflector Lenses". To ensure implementation of this requirement, the responsibility of each Unit shall be as follows:

- The Quality Review and Development Section of Quality Management Services (QMS) will submit a Baseline Document Change (BDC) request to revise the Standard Specifications as noted in the attachment. This office will also coordinate with the Bureau of Program Support Services to provide a standard pay item numbers for this work.
- The Configuration Management Unit of QMS will revise the Standard Input (SI) Roadway template so that these provisions are available for use by designers where appropriate.
- Designers are responsible for identifying if pay items for the removal of raised pavement markers, and removal and replacement of pavement reflector lenses are warranted, and for specifying them along with the appropriate quantities and locations whenever appropriate. If the Designer's Plans, Specifications, and Estimate (DPS&E) submission has been made without provisions for this work to be performed and it is subsequently determined that these work items are required, the designer shall contact the Project Manager to determine the best course of action for incorporating these provisions into the contract, and provide the required quantities and locations for this work.
- If a project is under construction and these work items are required, the Resident Engineer shall initiate a Construction Order for the work to be performed in accordance with the attached specification.

Until these revisions are incorporated into the Standard Specifications, this Corrective Action Notice shall be in effect.

Implementation: *In accordance with the above requirements*



Superseded