

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

QUALITY MANAGEMENT SERVICES

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CAN No. CAN002

Approved

Date: December 2, 1996

**Bureau(s) Affected:** All CPM Units. All Operations Units

**Description of Problem(s):**

As stated in CAN001, there have been problems identified with the use of Duracal in conjunction with impermeable protective overlays such as Latex Modified Concrete (LMC) and Microsilica Concrete (MSF). A Corrective Action Plan was established directing various units of the course of action to take in order to ensure that the product Duracal would **not** be used with these type overlays.

Considering that all bridge decks have the potential of being overlaid to extend their useful life, the use of Duracal as a deck patching material must be discontinued.

**Corrective Action Plan:**

Based on the above, **in no case shall Duracal be used as a bridge deck patching material.** The responsibility of each unit to ensure that this is carried out shall be as follows:

- BUREAU OF QUALITY MANAGEMENT SERVICES  
Configuration Management Section  
This office shall be responsible for making a baseline document change to Section 518.02 of Standard Input SI89 BRIDGE4 and SI96 BRIDGE1 to **remove** Duracal from the list of approved quick-setting patching materials.
- DIVISION OF DESIGN SERVICES  
Structural Engineering Bureau  
This office has already initiated the above proposed specification revision.  
  
Bureau of Design and Engineering Support - Technical Specifications Unit  
*Specification Engineers* shall be responsible for modifying Section 518.02 of Standard Input SI89 BRIDGE 4 and SI96 BRIDGE 1 of the Supplementary Specifications on all current and future projects to ensure that Duracal is removed from the list of approved quick-setting patching materials.
- DIVISION OF CONSTRUCTION SERVICES  
For **all** current projects under construction, *Resident Engineers* shall **not** allow the use of Duracal.
- DIVISION OF OPERATIONS  
*All maintenance crews* shall be informed of the above.

**Implementation:** *IMMEDIATELY*



Superseded