

Memorandum

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To: DEPUTY DISTRICT DIRECTORS, Construction
DEPUTY DIVISION CHIEF, Structure Construction
CONSTRUCTION MANAGERS
SENIOR CONSTRUCTION ENGINEERS
RESIDENT ENGINEERS

Date: May 27, 2009

File: Division of Construction
CPD 09-5

From: MARK LEJA
Chief
Division of Construction



Subject: Five Percent Limestone in Portland Cement

The Department has recently revised the specification requirements for allowable limestone content in portland cement. This change increases the limestone content in portland cement from the previous limit of 2.5 percent specified in Section 90, "Portland Cement" of the *Standard Specifications* to a 5 percent maximum allowed in the current (2007) version of ASTM C 150. Concrete shrinkage testing is required with this specification change. Before concrete mix design approval, perform shrinkage testing for concrete pavements, structure approach slabs, and bridge decks.

Provide the contractor with a contractor-requested, no-cost contract change order if 1) the current project specifies 2.5 percent and 2) the contractor requests to use portland cement with up to 5 percent interground limestone. A sample contract change order (CEM-4900), and a sample contract change order memorandum (CEM-4903) are attached to this directive for reference.

This construction procedure directive (CPD) serves as authorization, from both the Division of Construction and the Federal Highway Administration (FHWA), for district personnel to approve contract change orders to accept portland cement that meet the new requirements as described above. This change does not require that individual contract change order transmittals be sent to the Division of Construction for review.

Send a copy of the attached FHWA blanket prior approval along with the contract change order memorandum to the Division of Construction for all federally funded projects.

This directive supersedes CPD 07-2.

If you have any questions regarding this directive, please contact Austin Perez, Division of Construction at (916) 227-5705.

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Attachments: Contract Change Order
Contract Change Order Memorandum
FHWA Record of Blanket Prior Approval for Major Contract Change
Order