

# Memorandum

*Making Conservation  
a California Way of Life.*

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

**Date:** October 15, 2021

**File:** Division of Construction  
CPD 21-19



**From:** RAMON HOPKINS, Chief  
Division of Construction

**Subject: PORTLAND-LIMESTONE CEMENT ALLOWANCE IN BLENDED CEMENTS**

This directive provides information to California Department of Transportation (Caltrans) resident engineers about Revised *Standard Specification* 90-1.02B(2), "Cement," which was posted July 2, 2021. The revision will be effective October 15, 2021.

Type IL cement, commonly referred to as portland-limestone cement will be allowed in accordance with ASTM C595 and AASHTO M240, "Standard Specification for Blended Hydraulic Cement," which allow 5 to 15 percent limestone in blended cements. The inclusion of ground limestone in hydraulic cement can enhance sustainability, lower greenhouse gas emissions, and reduce the energy consumption associated with cement, while maintaining equivalent quality and performance of the concrete produced.

For projects advertised before October 15, 2021, or that do not include the revised specification, the contractor may request use of the revision for ongoing projects by submitting a no-cost change order request to the resident engineer. The change order will need to be approved before Type IL cements can be incorporated as part of the blended cements.

Attached to this directive are a sample change order memorandum and sample change order. This directive serves as delegation of authority from the Division of Construction for change order approval, except when change order language is altered.

If you have questions or comments regarding this directive, contact Samir Ead, Division of Construction, at [Samir.Ead@dot.ca.gov](mailto:Samir.Ead@dot.ca.gov) or (916) 764-9666.

## Attachments:

1. Sample Form CEM-4903, "Change Order Memorandum"
2. Sample Form CEM-4900, "Change Order"