

## Memorandum

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

Date: June 13, 2018

File: Division of Construction  
CPD 18-6

From: <sup>FOR</sup> RACHEL FALSETTI, Chief  
Division of Construction



Subject: **HIGH-PERFORMANCE GLASS BEADS**

Manufacturers of high-performance glass beads have notified the California Department of Transportation (Caltrans) of a temporary shortage of glass beads used for thermoplastic traffic stripes and pavement markings with enhanced wet-night visibility. This directive provides guidance to ensure statewide consistency in the contract administration of shortages of this material.

To request relief because of the shortage, the contractor must notify the resident engineer in writing and provide documentation validating a materials shortage for each specific project. Follow contract administration procedures in Section 3-806B, "Material Shortage," of the *Construction Manual*. Inform the Division of Construction field coordinator when the contractor provides notification.

If the shortage of material delays the controlling operation, allow relief of contract time by granting nonworking days for the time impacted by the delay in accordance with Section 1-1.07, "Definitions," of the *Standard Specifications*, as this type of delay is an issue involving a third party. No additional compensation for overhead or payment for idle labor or equipment is due based on a materials shortage.

Caltrans recently completed evaluation of additional products for the Authorized Material List for high-performance glass beads and two additional products have been added. For existing contracts, contractors may use the added products by submitting a revised Form CEM-3101, "Notice of Materials to be Used."

If you have questions or comments regarding this directive, please contact Ken Darby, Division of Construction, at [Ken.Darby@dot.ca.gov](mailto:Ken.Darby@dot.ca.gov) or (916) 653-2032.