

# Memorandum

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

Date: August 15, 2017

File: Division of Construction  
CPD 17-3

From:  RACHEL FALSETTI, Chief  
Division of Construction

Subject: **IMPLEMENTATION OF 6-INCH TRAFFIC LINES AND DISCONTINUED USE OF NONREFLECTIVE PAVEMENT MARKERS**

The California Department of Transportation (Caltrans) is discontinuing the use of Type A and Type AY nonreflective pavement markers and is increasing the width of all 4-inch wide longitudinal traffic lines to 6-inch wide lines for permanent pavement delineation on state highways. Section 84-2 “Traffic Stripes and Pavement Markings” of the 2015 *Standard Specifications* and the 2015 *Standard Plans* for “Pavement Markers and Traffic Lines Typical Details” have been revised for these changes. Implement these new standards by change order, if appropriate, when funds are available and no contract time extension is necessary.

To implement the discontinued use of Type A and Type AY nonreflective pavement markers, the change order must identify an equivalent 6-inch wide striping detail to be used. The table below shows the existing pavement marker detail and the replacement 6-inch wide striping detail:

Centerlines		Lanelines		No Passing Zones One Direction		No Passing Zones One Direction	
Existing Detail	Replace With Detail	Existing Detail	Replace With Detail	Existing Detail	Replace With Detail	Existing Detail	Replace With Detail
4	2	10	9	17	16	23	22
7	6	13	12	20	19		
		14	14A				
Median Islands		Two-Way Left Turn Lanes		Lane Drop at Exit Ramps		Lane Drop at Intersections	
Existing Detail	Replace With Detail	Existing Detail	Replace With Detail	Existing Detail	Replace With Detail	Existing Detail	Replace With Detail
30	29	33	32	37A	37	37C	37B
Channeling Line		Lane Line Extensions Through Intersections		Center Line Extensions Through Intersections			
Existing Detail	Replace With Detail	Existing Detail	Replace With Detail	Existing Detail	Replace With Detail		
38C	38B	40A	40	41A	41		

This change order work should be done by agreed price. For bid item price adjustments, the increase should be between 30 percent and 50 percent of the bid item price. For replacement striping details for nonreflective pavement markers, base the extra work at agreed price on the bid price for edge stripe and adjust the price based on the increased width of the stripe required. Agreed price must be based on a force account analysis and filed in the project records.

A sample change order memorandum, sample change order, and a Federal Highway Administration (FHWA) blanket prior approval for revising striping specifications and standard plans are attached to this directive. This directive serves as delegation of authority from the Division of Construction and approval from the FHWA for this change order, except when any of the following apply to the change order:

1. The language is altered.
2. The total absolute value exceeds \$200,000.
3. Contract time is extended by more than 20 days.

If you have questions or comments regarding this construction procedure directive, please contact Celso Izquierdo, Division of Construction, at [celso.izquierdo@dot.ca.gov](mailto:celso.izquierdo@dot.ca.gov) or (916) 654-5627.

Attachments:

1. Sample CEM-4903, "Change Order Memorandum"
2. Sample CEM-4900, "Change Order"
3. 2015 Revised *Standard Plans*, A20 and A40 series
4. FHWA "Record of Blanket Prior Approval for Major Contract Change Order"