

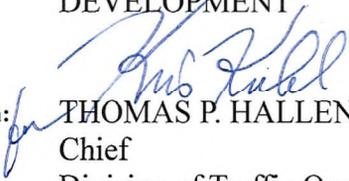
Memorandum

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To: DEPUTY DISTRICT DIRECTORS, TRAFFIC OPERATIONS
DEPUTY DISTRICT DIRECTORS, MAINTENANCE
DEPUTY DISTRICT DIRECTORS, CONSTRUCTION
DEPUTY DISTRICT DIRECTORS, PROJECT DEVELOPMENT

Date: December 29, 2015

File:

From:  THOMAS P. HALLENBECK
Chief
Division of Traffic Operation

for  TONY TAVARES
Chief
Division of Maintenance

Subject: REPLACEMENT AND RETROFIT OF EXISTING PEDESTRIAN SIGNAL “METER ON” SIGNS

This memorandum updates the September 30, 2014, memorandum, “Use of Ramp Metering Sign in Projects in Design or Construction” (attached). The memorandum states that the “Meter On” sign, also referred to as the pedestrian signal “Meter On” sign, placed at on-ramp locations throughout the State Highway System (SHS) is not compliant with the Federal Highway Administration’s (FHWA) Manual on Uniform Traffic Control Devices (MUTCD).

Since the pedestrian signal “Meter On” sign is no longer approved for use on the SHS, the Division of Engineering Services – Office Engineer (DES-OE) has removed the pedestrian signal “Meter On” sign from the Standard Plans and Standard Specifications. In addition, FHWA requires Caltrans to replace or retrofit all existing pedestrian signal “Meter On” signs with signs approved and published in the California Manual on Uniform Traffic Control Devices (CAMUTCD). The following are the replacement and retrofit strategies and implementation schedule for the pedestrian signal “Meter On” signs.

Replacement

The pedestrian signal “Meter On” signs shall be replaced at the end of service life, or when a part of a capital improvement project has ramp meters within the project’s limits and scope of work. Currently, approved signs for replacing the existing pedestrian signal “Meter On” signs are the W3-7 and/or W3-8 signs. These signs are referenced in section 2C.37, Advance Ramp Control Signal Signs, of the CAMUTCD 2014 Edition.

Retrofit

Until the existing pedestrian signal “Meter On” signs are replaced with devices that are consistent with federal standards, the Division of Traffic Operations and the FHWA agreed to retrofit the existing pedestrian signal “Meter On” signs by:

- Removing the louver screen (faceplate) from the existing pedestrian signal “Meter On” signs without damaging the doorframe at on-ramp locations.
- Updating the controller parameters to prevent the “Meter On” message from flashing. The message must remain solid when the on-ramps are metered.

The Divisions of Traffic Operations and Maintenance collaborated with the districts to develop the pedestrian signal “Meter On” signs retrofit plan and schedule for implementation. The districts agreed that retrofits would be completed during the fiscal years (FY) shown in the table below.

Schedule to Retrofit Existing “Meter On” signs			
District	Estimated Number of Existing “Meter On” Signs	FY to Begin Retrofit	FY to End Retrofit
1	--	--	--
2	--	--	--
3	612	16/17	18/19
4	1,075	15/16	19/20
5	4	15/16	15/16
6	160	15/16	16/17
7	1,200	15/16	19/20
8	500	16/17	17/18
9	--	--	--
10	2	14/15	15/16
11	--	--	--
12	408	16/17	16/17

Thank you for your cooperation and support in ensuring that all existing pedestrian signal “Meter On” signs are retrofitted to meet federal requirements. For questions about changing the controller parameters, please contact David J. Wells, Senior Transportation Electrical Engineer (Specialist), Office of Technology, at (916) 227-4655, or by email at david.j.wells@dot.ca.gov. If you have any questions or concerns regarding this memorandum, please contact James R. Anderson, Chief, Office of Traffic Management, at (916) 654-5869, or by email at james.r.anderson@dot.ca.gov.

Attachment

Memorandum dated September 30, 2014, “Use of Ramp Metering Sign in Projects in Design or Construction”

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