



California Traffic Control Devices Committee (CTCDC)



State of California

DEPARTMENT OF TRANSPORTATION CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE

Minutes of Meeting
November 2, 2023

ATTENDEES

Voting Members Present (9 Total):

- Jason Welday, League of California Cities (LOCC), City of Rancho Cucamonga (Chair)
- Pratyush Bhatia, LOCC, City of Dublin (Vice Chair)
- Robert Bronkall, County Engineers Association of California (CEAC), Humboldt County Public Works
- Lt. Brad Hopkins, California Highway Patrol (CHP)
- Bryan Jones, Caltrans Active Transportation (CAT), Greenlaw Partners
- Marianne Kim, American Automobile Association of Southern California (AAA-S)
- Mike Sallaberry, CAT, San Francisco Municipal Transportation Agency
- Robert Scharf, CEAC, Los Angeles County Public Works
- Mahmoud Zahriya, American Automobile Association of Northern California, Nevada & Utah (AAA-N)

Voting Members Absent (1 Total):

- Yue Wang, Caltrans

Alternate Members Present (6 Total):

- Florencia Allenger, Caltrans (acted as Voting Member for Caltrans)
- Melainie Boyack, CHP
- Wei Zhu, CEAC, Orange County Public Works
- Richard Moorehead, CEAC, Placer County
- Tim Chang, AAA-S
- Tony Powers, CAT, Dokken Engineering

Alternate Members Absent (4 Total):

- Andrew Maximous, LOCC, Culver City
- Virendra Patel, LOCC, City of Concord
- Michelle Donati, AAA-N
- Rock Miller, CAT, Rock E. Miller & Associates

Committee Staff:

- Timothy Kong, Caltrans, Acting CTCDC Secretary
- Patrick Lee, Caltrans
- Bryan Luong, Caltrans



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Presenters:

- Florencia Allenger, Caltrans
- Timothy Kong, Caltrans
- Brian Hadley, Caltrans
- Kevin Murai, Caltrans
- Robert McNew, Caltrans
- Barbara Linke, University of California, Davis

Public Speakers:

- Craig Rhodes, Traffic Management, Inc.
- Jose Ornelas, Caltrans District 11
- Steve Pyburn, U.S. Department of Transportation, Federal Highway Administration (FHWA)
- Richard Moeur, National Committee on Uniform Traffic Control Devices (NCUTCD)

ORGANIZATION ITEMS

1. Introduction

Chair Jason Welday opened the meeting at 9:04 a.m.

The CTCDC members introduced themselves.

2. Membership

Chair Welday reviewed the changes to the CTCDC membership.

3. Approval of Minutes of the August 3, 2023 Meeting

MOTION: Mr. Robert Bronkall moved to approve the August 3, 2023 California Traffic Control Devices Committee Meeting Minutes as presented, seconded by Mr. Bryan Jones. The Motion passed unanimously by voice vote with no members abstaining.

4. Public Comments

5. Updates on Items under Experimentation

Timothy Kong, from Caltrans, addressed the Committee:

In the previous meeting we closed Item 16-25 Through-Lane Bicycle Boxes for the City of South Pasadena and we sent the City a closure letter.

We currently have nine active experiments. Experiment 20-12, for the Orange Striping, will be covered as an action item in this meeting.

Experiments Summary is as follows:

- 3 of 9 are also FHWA experiments.
- 3 of 9 have been field implemented.
- For 2 of 9, field implementation has ended.



A total of 2 Requests for Closure (1 active, 1 cancelled).

AGENDA ITEMS

6. Public Hearing

6a. Consent Items (minor discussion with vote expected)

None

6b. Action Items (Continuing or new items with vote expected)

20-12: Orange Contrast Temporary Pavement Delineation in Construction Zones

Barbara Linke, from UC Davis, addressed the Committee. Brian Hadley and John Slonaker from Caltrans were involved with this experiment. Barbara discussed background conditions and factors related to this experiment. Project goals were listed and discussed. The project has been extended to 3/31/2025. The interim report includes the results of the experiment.

Public Comment

Craig Rhodes of Traffic Management Inc. commented that Alternative 1 of the orange striping may cause lane-keeping driver assistance features of newer vehicles to consider the striping as a solid line, possibly disrupting lane changes.

Jose Ornelas, from Caltrans, agreed that we need to look into the possible lane changing issues due to Alternative 1. He brought up using rumble bars at the approach to construction zones.

20-12: Closure of Experiment on Orange Contrast Temporary Pavement Delineation in Construction Zones

Public Comment

Steve Pyburn of Federal Highway Administration (FHWA) commented that FHWA would require review and approval before orange striping could be implemented into the CA MUTCD. Brian Hadley responded that the next action after CTCDC approval was to submit to FHWA for interim approval.

MOTION: Mr. Bronkall moved to approve Item 20-12 as well as closing out the experiment. Mr. Sharf seconded. The Motion passed by a vote of 9-0-1 as follows:

Yes: Mr. Bronkall, Mr. Scharf, Lt. Hopkins, Vice Chair Bhatia, Ms. Kim, Mr. Zahriya, Ms. Allenger, Mr. Jones and Chair Welday

No: None.

Abstain: Mr. Sallaberry



23-11: Revise the restriction of using Light Emitting Diode (LED) units in the border of signs

Kevin Murai, from Caltrans, presented the following:

Mr. Murai discussed the background and history of this item. He covered available research pertinent to this matter. Maintenance of LED-Embedded (LED-Em) signs has been problematic. Replacement of spent LEDs has been difficult for the department. Another factor of concern has been the high replacement cost of LED signs. Theft of signs has also been a problem. In a survey conducted by Caltrans, 9 out of 12 districts preferred not to use the LED-Em signs due to the aforementioned factors.

Today's request specifically deals with Guide Signs as you enter the Mexican border. The Border Patrol is experiencing approximately 5 to 6 vehicles per day entering Mexico unintentionally. The proposal is to allow LEDs to be embedded into the Guide Signs because right now the CA MUTCD will not allow that.

Public Comment

MOTION: Vice Chair Bhatia moved to approve Item 23-11. Mr. Bronkall seconded. The Motion passed unanimously by a voice vote.

23-12: Revision required by AB 1320 to CA MUTCD Table 2D-102(CA)

The item was withdrawn by Caltrans.

6c. Informational Items (Continuing or new items that may be brought back as an Action Item in a future meeting)

23-03: Legislative Information - Session Year 2023-2024

Timothy Kong presented a list of legislative bills that could potentially affect the CA MUTCD. These bills deal with the Session Year 2023-2024. In a previous meeting we added an Explanation Column and this time we added a Status Column showing the latest status of each bill.

Mr. Bronkall volunteered to draft a concept letter to reach out to the legislatures to introduce the CTCDC to them and let them know that we are available to provide input on their legislation.

Chair Welday emphasized that the intent here is not to get into the policy aspect of it, but more to be able to provide background information that the authors or their staff may not have technical knowledge of as they are crafting the bill.

23-10: CTCC Agenda Item Status

Mr. Kong presented the following: This is to inform the Committee that we have started to keep track of the progress of these agenda items that come to the CTCDC. We are



tracking the incorporation progress into the CA MUTCD. This will help us with the revisions and the substantial conformance requests. Right now, this list includes all the agenda items that were incorporated into the CA MUTCD, Revision 7 and the proposed Revision 8.

6d. Request for Word Message Signs Approval

None.

6e. Request for Experimentation

20-10: Closure of Experiment for “Red Signal Ahead” Warning Sign

Mr. Kong presented the following: This is by the city of Glendora and LA MTA. The application was dropped by LA MTA because FHWA declined to approve the experiment. The FHWA letter to the city is attached.

MOTION: Chair Welday moved to approve Item 20-10. Vice Chair Bhatia seconded. The Motion passed unanimously by a voice vote.

20-12: Closure of Experiment on Orange Contrast Temporary Pavement Delineation in Construction Zones

Item discussion and vote under 6b.

23-13: Experiment Request for Orange Contrast Temporary Pavement Delineation in Construction Zones

The item was withdrawn by Caltrans.

7. Next Meeting

Chair Welday stated the next meeting was scheduled for February 1, 2024.

The Chair stated that Committee Members would be polled offline to determine if a quorum would be achievable on this date because of scheduling conflicts, and to determine the meeting location.

8. Adjourn

Chair Welday adjourned the meeting at 11:10 a.m.