

**CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE
2020 ANNUAL REPORT**

This report is prepared in compliance with Article V of the Bylaws of the California Traffic Control Devices Committee (CTCDC).

2020 Voting Members

Hamid Bahadori (July 9 th) ACSC - Chair (July 9 th)	Principal Transportation Engineer Automobile Club of Southern California 3333 Fairview Rd., Costa Mesa, CA 92626
David Fleisch CSAC- Chair (Nov. 5 th)	Director, Roads & Transportation Ventura County Public Works Agency Ventura, CA 93009
Robert W. Bronkall CSAC – Vice Chair	Deputy Director of Public Works Humboldt County 3033 H St., Room 17, Eureka, CA 95501
Marianne Kim (Nov. 5 th) ACSC	Automobile Club of Southern California 3333 Fairview Rd., Costa Mesa, CA 92626
Monica Kress-Wooster Caltrans	Traffic Safety Engineering Manager Caltrans Division of Safety Programs 1120 N St., Sacramento, CA 95814
Pratyush Bhatia LOCC	Senior Civil Engineer City of Santa Clara 1500 Warburton Ave., Santa Clara, CA 95050
Xavier Maltese AAA NCNU	Public Affairs Specialist AAA Northern CA, NV, & UT 1277 Treat Blvd., Suite 1000, Walnut Creek, CA 94597
Lt. Rick Hatfield CHP	Special Projects Section California Highway Patrol 601 N. 7th Street, Sacramento, CA 95811
Mike Sallaberry Caltrans – Active Transportation	Livable Streets Subdivision, SFMTA One S. Van Ness Ave, 7 Th Fl. SF, CA 94103
Bryan Jones Caltrans – Active Transportation	Assistant City Manager City of Eastvale 12363 Limonite Ave., Suite 910, Eastvale, CA 917525

The following alternate members were designated by the parent organizations to act in the absence of their appointed voting members:

2020 Alternate Members

Steve Finnegan ACSC	Automobile Club of Southern California 3333 Fairview Rd., Costa Mesa, CA 92626
Doug Bilse LOCC	Senior Traffic Engineer City of Carlsbad 1635 Faraday, Carlsbad, CA 92007
Richard Moorehead CSAC	Engineer Manager Placer County 3091 County Center Dr., Suite 220, Auburn, CA 95603
Zoubir A. Ouadah CSAC	County Traffic Engineer County of San Diego, DPW
Vijay Talada (July 9 th) Caltrans	Senior Transportation Engineer Caltrans Division of Safety Programs 1120 N St., Sacramento, CA 95814
Nicolas Esquivel (Nov. 5 th) Caltrans	Senior Transportation Engineer Caltrans Division of Safety Programs 1120 N St., Sacramento, CA 95814
Virendra Patel LOCC	City of Concord 1950 Parkside Dr., Concord, CA 94519
Tony Powers Caltrans – Active Transportation	Senior Engineer Dokken Engineering 110 Blue Ravine Rd., Ste 200, Folsom, CA 95630
Rock Miller Caltrans – Active Transportation	Rock E. Miller & Associates 5731 E. West View Dr., Orange, CA 92869

Executive Secretary

Vijay Talada (July 9 th)	Caltrans Division of Safety Programs 1120 N St., Sacramento, CA 95814
Nicolas Esquivel (Nov. 5 th)	Caltrans Division of Safety Programs 1120 N St., Sacramento, CA 95814

ACSC – Automobile Club of Southern California
CSAC – California State Association of Counties
AAA NCNU – AAA Northern CA, NV & UT

LOCC – League of California Cities
CHP- California Highway Patrol

2020 Meeting Locations

Date	Location
July 9, 2020	Online (Webex)
November 5, 2020	Online (Webex)

2020 CTCDC AGENDA ITEMS

<u>Item No.</u>	<u>Title</u>
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Information Items

20-01	IA-22: Interim Approval for the Optional Use of Red-Colored Pavement for Transit Lanes
20-02	Revise CA MUTCD Section 2J.11 Regarding Specific Service Signs
20-03	Proposed Changes to the CA MUTCD – Exit Plaques
20-04	Proposed Changes to the CA MUTCD – Memorial Sign Policy Change
20-15	Proposal to Include New Parking Sign in the CA MUTCD – Back-in Angle Parking
20-16	Proposal to Modify Figure 3B-24 (Adding Two Additional Turn-Lane Arrow Details), Modify Figure 3C-4 to 3C-14, and Replacing Figure 3C-2 with Figure 3C-2(CA), Revise Sections 3B.20, 3C.01, and 3C.06
20-17	Proposal to Include National Heritage Area Sign Policy in the CA MUTCD
20-18	Proposal to add Figure and Language for Exit Ramp with Enhanced Pavement Markers for Wrong Way Details
20-22	Proposal to include New Touch-Free Pedestrian Sign in the CA MUTCD – (Push or Wave at Button)

Requests for Experimentation

20-08	Request for Experimentation with Modified 4-Section Bicycle Traffic Control and Modified R10-5b Sign
20-09	Request for Experimentation of the Performance of the Variable Speed Advisory (VSA) Sign
20-10	Request for Experimentation with Active “Red Signal Ahead” Warning Sign
20-12	Request for Approval of Orange Contrasted Temporary Pavement Delineation in Construction Zones
20-13	Request for Approval of Part-time Travel on Left Shoulder
20-14	Request for Approval of Usage of New Word Message Sign Recommended by the FHWA (Push of Wave at Button)

Requests for Word Message Sign Approval

20-05	Request for Approval of Two New Word Message Signs
20-06	Request for Approval of Non-Standard Word Message Sign - MAX FINE \$150
20-07	Request for Approval of Express Lane Signs
20-11	Request for Approval of Proposed Temporary Overhead Sign and Proposed HOV 2 Discount Sign
20-19	Request for Approval of New Word Message Signs – “TRAFFIC APPROACHING” and “TRAFFIC ENTERING”
20-20	Request for Approval of New Word Message Sign – “TRAFF CONTROL/ WAIT AND FOLLOW TRAFFIC”
20-21	Request for Approval of New Word Message Sign – “LEFT TURN YIELD ON FLASHING YELLOW ARROW”

Information Items

- 20-01 IA-22: Interim Approval for the Optional Use of Red-Colored Pavement for Transit Lanes
Action: The Committee modified IA-22, adding the phrase, *except when professional judgement determines otherwise*, to the statement: “Where used, red-colored pavement shall be installed for the entire width of the transit lane and for the entire length of the transit lane.” The Committee recommended that Caltrans adopt the modified IA-22 and seek blanket approval from FHWA for all of California.
- 20-02 Revise CA MUTCD Section 2J.11 Regarding Specific Service Signs
Action: The Committee approved changes to CA MUTCD Section 2J.11. Specific Service signs shall remain in place until the end of the sign’s service life once the geographic area exceeds a population of 5,000.
- 20-03 Proposed Changes to the CA MUTCD – Exit Plaques
Action: The Committee approved changes to CA MUTCD Sections 2E.21, 2E.22, 2E.31, 2E.33, 2E.36, and 2G.10. Exit Plaques E1-5P, E1-5aP, and E1-5bP shall be placed above and abutting the top of the guide signs. Exit Panels G70-2(CA), G70-3(CA), G70-4(CA), and G70-5(CA) are deleted from the CA MUTCD.
- 20-04 Proposed Changes to the CA MUTCD – Memorial Sign Policy Change
Action: The Committee approved changes to CA MUTCD Section 2M.10. Memorial or dedication signs will have the option to include a nickname in quotation marks if stated in the concurrent resolution. Also, guidance is removed that states the District Director will contact the sponsor of the legislation to determine appropriate wording for the memorial or dedication signs and plaques.
- 20-15 Proposal to Include New Parking Sign in the CA MUTCD – Back-in Angle Parking
Action: The Committee approved the adoption of a new parking sign (Back-in Angle Parking). Back-in angle parking will enhance the safety of the bicyclists sharing the road with vehicles parked in the direction of travel. Back-in angle parking will also enhance the safety of the driver and passengers to enter or exit from vehicle.
- 20-16 Proposal to Modify Figure 3B-24 (Adding Two Additional Turn-Lane Arrow Details), Modify Figure 3C-4 to 3C-14, and Replacing Figure 3C-2 with Figure 3C-2(CA), Revise Sections 3B.20, 3C.01, and 3C.06
Action: The Committee approved changes to CA MUTCD Figure 3B-24, Figure 3C-4 to 3C-14, Figure 3C-2, and Sections 3B.20, 3C.01, and 3C.06. Fish-hook arrows may be used to help provide additional guidance with an oval symbolizing the central island for the innermost travel lane and without an oval for all other lanes approaching a roundabout.
- 20-17 Proposal to Include National Heritage Area Sign Policy in the CA MUTCD
Action: The Committee approved the adoption of a National Heritage Area Signage (Alternate 2). The National Heritage Area Signage will promote and increase visitors to the Delta area. The signs will be placed in safe locations along Caltrans rights-of-way, where they will have the most impact in informing visitors that they have entered the Sacramento-San Joaquin Delta National Heritage Area.
- 20-18 Proposal to add Figure and Language for Exit Ramp with Enhanced Pavement Markers for Wrong Way Details

Action: The Committee approved changes to the CA MUTCD Details 9A, 12A and 25A. Enhancement will include exit ramps with wrong way reflective markers at lane lines, edge lines, limit/stop lines, yield lines, crosswalks, and type V arrows. The enhancement also includes pavement marker spacing used at a closely spaced pattern at left and right edge lines.

- 20-22 Proposal to include New Touch-Free Pedestrian Sign in the CA MUTCD – (Push or Wave at Button)

Action: The Committee approved the adoption of New Touch-Free Pedestrian Sign (Push or Wave at Button). Changing Section 2B.52 of the CA MUTCD will allow the use of the new sign designated as R10-3J.

Requests for Experimentation

- 20-08 Request for Experimentation with Modified 4-Section Bicycle Traffic Control and Modified R10-5b Sign

Action: The Committee approved the request for experimentation. The City of Imperial Beach may experiment with (pending FHWA approval):

1. The modified application of a 4-section traffic control signal capable of displaying: CIRCULAR RED, CIRCULAR YELLOW, CIRCULAR GREEN, and flashing right-turn YELLOW ARROW to be used as a “shared signal”
2. The application of a 3-section traffic control capable of displaying: BICYCLE SIGNAL RED, BICYCLE SIGNAL YELLOW, AND BICYCLE SIGNAL GREEN.
3. A modified R10-15 sign that includes both a pedestrian and bicyclist symbol

- 20-09 Request for Experimentation of the Performance of the Variable Speed Advisory (VSA) Sign

Action: The Committee approved the request for experimentation. Caltrans Division of Research, Innovation, and System Information (DRISI) may experiment (pending FHWA approval) the use of Combined Coordinated Ramp Metering (CRM) and Variable Speed Advisory (VSA) for freeway traffic control. This experiment will take place of SR-99 northbound from Elk Grove Blvd. to SR-50 interchange in Caltrans District 3.

- 20-10 Request for Experimentation with Active “Red Signal Ahead” Warning Sign

Action: The Committee approved the request for experimentation. The City of Glendora may experiment with the use of a SIGNAL AHEAD warning sign with the word RED above in LED to increase awareness for the Vermont Ave. and Glendora Ave. traffic signals around a blind corner. As the traffic signal ahead becomes active, the RED will illuminate about 250-300 feet before the intersection.

- 20-12 Request for Approval of Orange Contrasted Temporary Pavement Delineation in Construction Zones

Action: The Committee approved the request for experimentation. Caltrans District 11 may experiment with the use of orange temporary pavement delineation to increase driver awareness in construction zones.

- 20-13 Request for Approval of Part-time Travel on Left Shoulder

Action: The Committee approved the request for experimentation. Caltrans District 5 may experiment with part-time travel on the left shoulder along US-101 southbound near Pismo Beach. The Committee asked Caltrans District 5 to work with FHWA and refer to other temporary lane locations, including the Richmond-San Rafael Bridge and Phoenix’s mobile lanes, to refine the sign package to something more simplistic.

- 20-14 Request for Approval of Usage of New Word Message Sign Recommended by the FHWA (Push of Wave at Button)
 Action: The Committee approved the request for experimentation. The County of Santa Clara may experiment with the new R10-3 pedestrian sign that reads PUSH OR WAVE AT BUTTON FOR pedestrian crossings.

Requests for Word Message Sign Approval

- 20-05 Request for Approval of Two New Word Message Signs
 Action: The Committee approved the use of two non-standard warning signs (LOOK LEFT-RIGHT-LEFT BEFORE PULLING OUT & WATCH FOR ENTERING VEHICLES) to address collisions at the intersection of State Route 154 and Roblar Avenue in Santa Barbara County.
- 20-06 Request for Approval of Non-Standard Word Message Sign - MAX FINE \$150
 Action: The Committee approved the use of a non-standard regulatory sign (MAX FINE \$150) to be affixed to existing “No Parking” signs on Routes 18, 173, 189, and 330 in San Bernardino County. The sign reflects San Bernardino County’s Resolution No. 2019-135, which increased illegal parking penalties in snow areas to \$150 to discourage illegal parking.
- 20-07 Request for Approval of Express Lane Signs
 Action: The Committee approved the use of two non-standard signs for the I-10 Express Lanes pilot program. The first sign was modified by The Committee to: VANPOOLS CALL 511 FOR TOLLING ENROLLING INFO. The second sign with the EXPRESS LANE designator was modified by The Committee to include the name of the enrolling agency before “enrolled” in the sign: BUSES & ENROLLED VANPOOLS NO TOLL.
- 20-11 Request for Approval of Proposed Temporary Overhead Sign and Proposed HOV 2 Discount Sign
 Action: The Committee approved the use of two non-standard signs, a temporary overhead sign panel and a HOV 2 DISCOUNT sign panel, for the Alameda County I-880 Express Lanes.
- 20-19 Request for Approval of New Word Message Signs – “TRAFFIC APPROACHING” and “TRAFFIC ENTERING”
 Action: The Committee did not approve the use of New Word Message Signs (Traffic Approaching and Traffic Entering).
- 20-20 Request for Approval of New Word Message Sign – “TRAFF CONTROL/ WAIT AND FOLLOW TRAFFIC”
 Action: The Committee approved the use of New Word Message Sign (Traffic Control / Wait and Follow Traffic (C36(CA))). This sign will be used when traffic is under reversible one-way control without a pilot car at residential driveways and low volume side roads.
- 20-21 Request for Approval of New Word Message Sign – “LEFT TURN YIELD ON FLASHING YELLOW ARROW”
 Action: The Committee approved the use of New Word Message Sign (Left Turn Yield On Flashing Yellow Arrow). This sign will be installed on traffic signal mast arms adjacent to signal heads with flashing yellow arrow indications at three intersections along Main Street (SR-36) in Red Bluff, CA.

Summary of Accomplishments in 2020

- 22 items introduced in 2020
- 22 items completed in 2020
- 6 items approved for experimentation in 2020
- 7 word signs approved in 2020

MISCELLANEOUS

CTCDC Agendas, Meeting Minutes, Annual Reports, and other information are available on the Internet at: <http://www.dot.ca.gov/trafficops/ctcdc/>

SIGN SPECIFICATIONS

As provided in California Vehicle Code Sections 21400 and 21401, a list of the current California coded sign specifications used on streets and highways in California is available on the following website:

<http://www.dot.ca.gov/trafficops/tcd/specs.html>

MUTCD coded sign specifications are located in the FHWA Standard Highway Signs Book, available on the following FHWA website:

http://mutcd.fhwa.dot.gov/ser-shs_millennium.htm

Respectfully submitted by Arshad Iqbal, Senior Transportation Engineer.