

**CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE  
2011 ANNUAL REPORT**

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

**2011 VOTING MEMBERS**

John Fisher- Chairman LOCC	Assistant General Manager City of Los Angeles DOT 100 S Main St, 10 <sup>th</sup> Floor Los Angeles, CA 90012
Jacob Babico-Vice Chairman Michael Robinson San Diego Co. CSAC	Chief of Traffic Division, DPW San Bernardino County 825 East Third Street San Bernardino, CA 92415
Hamid Bahadori ACSC	Principal Transportation Engineer Auto Club of Southern California, 3333 Fairview Road Costa Mesa, CA 92626
Farhad Mansourian CSAC	Director of Public Works Marin County, P.O. Box 4186 San Rafael, CA 94913
Wayne Henley Caltrans	Office Chief, Signs Markings & External Support Division of Traffic Operations California Department of Transportation 1120 N Street, MS36 Sacramento, CA 95814
Merry Banks & CSAA Dwight Ku	Manager Special projects Transportation & Environmental Policy Specialist, Government Affairs, AAA Northern California, Nevada & Utah, 3055 Oak Road, MS W520, Walnut Creek, CA 94597
Chief Robert Maynard CHP	California Highway Patrol 601 N. 7th Streets Sacramento, CA 95811
Jeff Knowles LOCC	Deputy Director Public Works City of Vacaville 650 Merchant Street Vacaville, CA 95688

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

**2011 ALTERNATE MEMBERS**

Mark Greenwood LOCC	Public Works Director City of Palm Desert 73-510 Fred Waring Dr. Palm Desert, CA 92260
John Presleigh CSAC	Director of Public Works Santa Cruz County 710 Ocean St., Room 410 Santa Cruz, CA 95060
Devinder Singh Caltrans	Division of Traffic Operations California Department of Transportation 1120 N Street, MS36 Sacramento, CA 95814
Deborah Wong CSAA Richard Shrader	Transportation & Environmental Policy Specialist, Government Affairs, AAA Northern California, Nevada & Utah, 3055 Oak Road, MS W520, Walnut Creek, CA 94597
George Johnson Bill Winter -CSAC	Transportation Director, DPW Riverside County P.O. Box 1090, Riverside, CA 92502
John Keller CHP	California Highway Patrol Special Projects 601 N. 7 <sup>th</sup> Street Sacramento, CA 95811
Larry Patterson LOCC	Director Public Works City of San Mateo 330 West 20 <sup>th</sup> Avenue San Mateo, CA 94403
Marianne Kim ACSC	Auto Club of Southern California 3333 Fairview Road Costa Mesa, CA 92626 (714) 885-2331
<b>Executive Secretary</b> Devinder Singh	Senior Transportation Engineer, Caltrans - MS36 1120 N Street, Sacramento, CA 95814

ACSC – Automobile Club of Southern California;  
CSAC – California State Association of Counties;  
CSAA – California State Automobile Association

LOCC – League of California Cities  
CHP- California Highway Patrol

**2011 MEETINGS**

<b>Date</b>	<b>Location</b>
February 2, 2010	City of Vacaville, CA
July 20, 2011	City of Long Beach, CA
October 20, 2010	City of Rancho Cordova, CA

**Workshops to Discuss National MUTCD 2009 for the Adoption in California**

July 21 & 22, 2011 Workshop	City of Long Beach, CA
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**2011 CTCDC AGENDA ITEMS****Public Hearings (Action Items):**

<b><u>Item No.</u></b>	<b><u>Title</u></b>
11-1	Adoption of National MUTCD 2009 Parts 1, 5, 7 and 9 into the California MUTCD to be called CA MUTCD 2011
11-2	Proposal to adopt revised text, tables, and figures in Part 6 of the CA MUTCD2010
11-3a	NO PARKING VEHICLES FOR SALE, Amendment to Section 2B.39 and Figure 2B-16(CA) – Proposed by LA DOT
11-4a	FHWA’s Interim Approval for Optional Use of Green Colored Pavement for Bike Lanes (1A-14)
11-6	FHWA’s Interim Approval for Optional Use of an Alternative Electric Vehicle Charging General Service Symbol Sign
11-7	Proposal to amend Section 6F.43 of CA MUTCD to create a new warning sign to warn motorcyclists of UNEVEN LANES
11-8	Amendment to Sections 6F.03 Sign Placement (Signs mounted on portable supports for longer than 3 days)
11-9	Section 2D.15, Enlarged fonts to be used on C20(CA) sign
11-10	Proposal to amend Chapter 4I (Sections 4I.01, 4I.02 and 4I.03) of the National MUTCD 2009 and adopt amended Chapter in to CA MUTCD 2011
11-11	Proposal to amend Sections 2B.39, 2B.40 and Figure 2B-16(CA)
11-14	Proposal to amend CTCDC By-Laws to expand the membership of the CTCDC by including two additional voting members representing non-motorized highway users
11-15	Proposed to adopt new Pedestrian Signal Plaques and Text
11-16	Proposed edits in FINAL DRAFT 2011 CA MUTCD in Chap 2H, Sect’s 2H.04, 2H.08 and Figure 2H-5 (CA)
11-17	FHWA’s Proposed Revision of the 2009 MUTCD – Definition of Standard and Use of Engineering Judgment
11-18	FHWA’s Proposed Revision of the 2009 MUTCD – Compliance Dates (Table I-2)

**Request for Experimentations:**

- 10-10 Request for Permission to Experiment with modified SPEED HUMP (W17-1)
- 11-3 Request to Experiment with Buffered Bicycle Lanes on 2<sup>nd</sup> St. between Bayshore Dr. & PCH in Naples
- 11-4 Request for Permission to Experiment with Rectangular Rapid Flashing Beacon
- 11-5 Request to Experiment with New Bicycle Pavement Marking
- 08-20 Final Report on Experimentation with Flashing Yellow Arrow for Permissive Right Turn Movement
- 11-12 Request for Permission to Experiment with Circular Rapid Flashing Beacon and Rectangular Rapid Flashing Beacon
- 11-13 Request to experiment with a Sign “RECKLESS DRIVING PROHIBITED”
- 09-13 Experiment Request for the USAGE OF “HOV” IN LIEU OF “CARPOOL” Signage Related to the Los Angeles EXPRESS LANES – Caltrans request to remove from the agenda)
- 11-19 Request to experiment with 2<sup>nd</sup> advance California Welcome Center Destination Sign

**Information Items:**

- 10-11 Status of speed limit procedures changes in July 2009
- 10-2 Proposal to amend existing typical applications and adopt new TA’s for accommodating bicyclists in TTC zones and to Revise CA MUTCD Sections 6D.101(CA) and 6G.05 and added a new Table 6H-1(CA)
- 11-01 California MUTCD Revision (2011 Draft) to include National MUTCD 2009, CTCDC recommendations, errors/errata and editorial changes.
- 11-14 Proposed to expand the membership of the CTCDC including two additional voting members representing non-motorized highway user
- 11-20 Interim Approval on Colored Bike Lane, Electric Vehicle Charging and Rectangular Rapid Flashing beacons

**COMMITTEE ACCOMPLISHMENTS:**

- 11-1 Adoption of National MUTCD 2009 into the California MUTCD to be called CA MUTCD 2012  
Action: The Committee recommended adoption of the Final Draft of CA MUTCD 2012 as posted on the website with minor changes. Also, the Committee authorized Caltrans to make minor editorial/errata corrections if needed. CA MUTCD 2012 was adopted on January 13, 2012, and it has been posted on the following website:  
[http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/ca\\_mutcd2012.htm](http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/ca_mutcd2012.htm)
- 11-2 Proposal to adopt revised text, tables, and figures in Part 6 of the CA MUTCD 2010  
Action: The Committee had recommended adoption of the proposed text, revised tables, and figures, and has authorized Caltrans to make minor editorial/technical corrections if needed. Also, work with John Fisher to finalize the proposal. The recommended policies were included in to the CA MUTCD 2012.
- 11-3a NO PARKING VEHICLES FOR SALE, Amendment to Section 2B.39 and Figure 2B-16(CA) – Proposed by LA DOT  
Action: The Committee had recommended adoption of the proposed “NO PARKING VEHICLES FOR SALE” sign, revised text with minor changes. John Fisher, City of Los Angeles, will provide final revised text as suggested by the Committee. The recommended policy has been included in to the CA MUTCD 2012.
- 11-4a FHWA’s Interim Approval for Optional Use of Green Colored Pavement for Bike Lanes (1A-14)  
Action: The CTCDC recommended seeking blanket approval for all public agencies in California. Caltrans received blanket approval from FHWA and it has been posted on CA MUTCD website:  
<http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/interim.htm>
- 11-6 FHWA’s Interim Approval for Optional Use of an Alternative Electric Vehicle Charging General Service Symbol Sign  
Action: The CTCDC recommended seeking blanket approval for all public agencies in California. Caltrans received blanket approval from FHWA and it has been posted on CA MUTCD website:  
<http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/interim.htm>

- 11-7 Proposal to amend Section 6F.43 of CA MUTCD to create a new warning sign to warn motorcyclists of UNEVEN LANES  
 Action: The CTCDC recommended adoption of the sign as was proposed by Caltrans with minor changes to the policy. The recommended policy has been included in to the CA MUTCD 2012.



W8-11

W8-15P

- 11-8 Amendment to Sections 6F.03 Sign Placement (Signs mounted on portable supports for longer than 3 days)  
 Action: The CTCDC recommended the adoption of the amended Section 6F.03 as was presented by Caltrans. It will be incorporated into the 2011 CA MUTCD. The recommended policy has been included in to the CA MUTCD 2012.
- 11-9 Section 2D.15, Enlarged fonts to be used on C20(CA) sign  
 Action: The CTCDC denied the request and suggested that a study is needed to justify to enlarged fonts for the first letter of construction signs. The Committee also suggested that this study could be included into the traffic control devices pooled funded study program.
- 11-10 Proposal to amend Chapter 4I (Sections 4I.01, 4I.02 and 4I.03) of the National MUTCD 2009 and adopt amended Chapter in to CA MUTCD 2011  
 Action: The CTCDC recommended adopting the changes as proposed by Caltrans with the understanding that the local FHWA Office is in agreement with these changes. The recommended policy has been included in to the CA MUTCD 2012.

- 11-11 Proposal to amend Sections 2B.39, 2B.40 and Figure 2B-16(CA)  
 Action: The CTCDC recommended adoption of the sign as was proposed. The recommended policy has been included in to the CA MUTCD 2012.



- 11-14 Proposal to amend CTCDC By-Laws to expand the membership of the CTCDC by including two additional voting members representing non-motorized highway users  
 Item was not finalized in 2011
- 11-15 Proposed to adopt new Pedestrian Signal Plaques and Text  
 Action: There was a lengthy discussion on this item. The Committee had recommended adoption of the proposed "Pedestrian Signal Plaques" sign, revised text with a few changes. John Fisher will provide the final revised text and recommended signs as suggested by the Committee. The recommended policy has been included in to the CA MUTCD 2012.

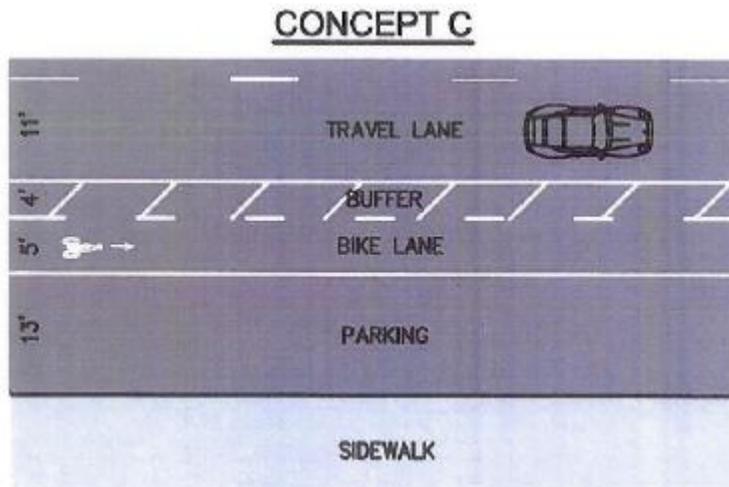
- 11-16 Proposed edits in FINAL DRAFT 2011 CA MUTCD in Chap 2H, Sect's 2H.04, 2H.08 and Figure 2H-5 (CA)  
Action: The Committee had recommended adoption of the Adopt a Highway Sign proposed edits as was included in the agenda with minor changes. The recommended policy has been included in to the CA MUTCD 2012.
- 11-17 FHWA's Proposed Revision of the 2009 MUTCD – Definition of Standard and Use of Engineering Judgment  
Action: Caltrans requested conditional recommendation from the CTCDC that if FHWA makes this revision official before January 15, 2012 and it is substantially the same as is proposed, Caltrans be allowed to incorporate this revision into the final California MUTCD that will be made official on or before January 15, 2012.
- The Committee had given conceptual recommendation to Caltrans to include the final Revision into the final California MUTCD if it is made official on or before January 15, 2012.
- 11-18 FHWA's Proposed Revision of the 2009 MUTCD – Compliance Dates (Table I-2) Request for Experimentation:  
Action: Caltrans requested conditional recommendation from the CTCDC that if FHWA makes this revision official before January 15, 2012 and it is substantially the same as is proposed, Caltrans be allowed to incorporate this revision into the final California MUTCD that will be made official on or before January 15, 2012. .
- The Committee had given conceptual recommendation to Caltrans to include the final Revision into the final California MUTCD if it made official on or before January 15, 2012.

**Request for Experimentations:**

- 10-10 Request for Permission to Experiment with modified SPEED HUMP (W17-1) Signs. The Committee authorized the City of Stockton to conduct an experiment with modified SPEED HUMP (W17-1) Signs. The evaluation plan should include before and after studies as well as quantitative data describing the performance of the experimental devices. Below is an illustration of the proposed signs:

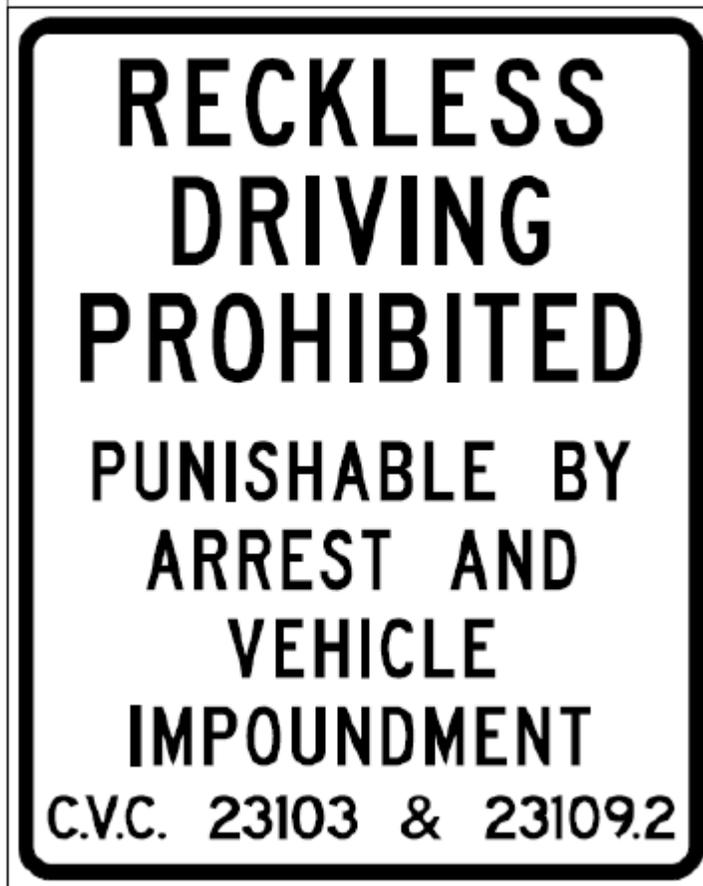


- 11-3 Request to Experiment with Buffered Bicycle Lanes on 2<sup>nd</sup> St. between Bayshore Dr. & PCH in Naples. The Committee authorized the City of Long Beach to conduct an experiment with a Buffered Bicycle Lane. The Committee also suggested using Chevron markings in the buffer area instead of diagonal as proposed by the City of Long Beach.



- 11-4 Request for Permission to Experiment with Rectangular Rapid Flashing Beacon  
Action: The Committee authorized the City of Santa Monica to conduct an experiment with a Rectangular Rapid Flashing Beacon. Since FHWA has issued Interim Approval on this device, the Committee asked the City to check whether FHWA approval is needed or not.
- 11-5 Request to Experiment with New Bicycle Pavement Marking  
Item was tabled because the City first needed approval from FHWA.
- 08-20 Final Report on Experimentation with Flashing Yellow Arrow for Permissive Right Turn Movement  
Action: The CTCDC accepted the report presented by Marin County on the use of Flashing Yellow Arrow for permissive right turn movement and authorized the use of the devices to be continued. This option will be available in the 2012 CA MUTCD
- 11-12 Request for Permission to Experiment with Circular Rapid Flashing Beacon and Rectangular Rapid Flashing Beacon  
Action: The Committee authorized the City of Coachella to conduct an experiment with a Rectangular Rapid Flashing Beacon and with Circular Rapid Flashing Beacon to see which device is more effective or both are same.
- 11-13 Request to experiment with a Sign “RECKLESS DRIVING PROHIBITED”  
Action: The CTCDC authorized to conduct an experiment with the proposed Sign Option “A” with slight modification by deleting the wording “Punishable by Arrest and”.

24x30 - A



- 09-13 Experiment Request for the USAGE OF “HOV” IN LIEU OF “CARPOOL” Signage Related to the Los Angeles EXPRESS LANES – Caltrans request to remove from the agenda)  
*Action:* Caltrans requested that no experiment is needed because Caltrans will adopt the federal guidelines for HOV lanes and requested to remove this item from the agenda. The CTCDC recommended for the removal of this item from the agenda.
- 11-19 Request to experiment with 2<sup>nd</sup> advance California Welcome Center Destination Sign  
*Action:* The Committee authorized the El Dorado Hills Chamber of Commerce to conduct an experiment with a second advance freeway destination sign from each approach and collect data for a two year time-period to see if a second CWC freeway destination sign contributes to increasing the number of visitors to the CWC.

**SUMMARY OF ACCOMPLISHMENTS 2011:**

3	items discussed from previous years (2008, 2009 and 2010)
24	items considered in 2011
21	items introduced in 2011
15	item completed in 2011
7	items approved for experimentation in 2010
1	item deferred in to 2012
1	items was denied in 2011

**ITEMS CARRIED INTO FUTURE YEAR:**

11-14	Proposal to amend CTCDC By-Laws to expand the membership of the CTCDC by including two additional voting members representing non-motorized highway users
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**ITEMS APPROVED FOR EXPERIMENTATION:**

10-10	Request for Permission to Experiment with modified SPEED HUMP (W17-1)
11-3	Request to Experiment with Buffered Bicycle Lanes on 2 <sup>nd</sup> St. between Bayshore Dr. & PCH in Naples
11-4	Request for Permission to Experiment with Rectangular Rapid Flashing Beacon
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11-12	Request for Permission to Experiment with Circular Rapid Flashing Beacon and Rectangular Rapid Flashing Beacon
11-13	Request to experiment with a Sign "RECKLESS DRIVING PROHIBITED"
11-19	Request to experiment with 2 <sup>nd</sup> advance California Welcome Center Destination Sign

**STATUS OF CALTRANS ACTION ON PAST ITEMS:**

All items recommended by the CTCDC during the year of 2010 and 2011 were incorporated in to the CA MUTCD 2012

**MISCELLANEOUS**

CTCDC Agenda, Minutes, Annual Reports, and other information are available on the Internet at "http://www.dot.ca.gov/hq/traffops/signtech/newtech/" under the Office of Signs and Delineation webpage.

Additional information regarding the minutes of the CTCDC meetings held during 2011 may be obtained upon request from the Secretary or any member of the California Traffic Control Devices Committee.

**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/hq/traffops/signtech/signdel/specs.htm>

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

Respectfully submitted by Devinder Singh, Secretary, CTCDC