

January 5, 1995

MEMBERS AND ALTERNATES,
CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE

1995 ANNUAL REPORT

This 1995 annual report of actions taken by the California Traffic Control Devices Committee is respectfully submitted in compliance with the CTCDC Bylaws.

Sincerely,

Jack M. Kletzman
Executive Secretary, CTCDC

Attachment

**CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE
1995 ANNUAL REPORT**

This report is prepared in compliance with Article IV of the bylaws of the California Traffic Control Devices Committee.

1995 Voting Members

Mr. Dick Folkers	Chairman, LOCC, City of Palm Desert, 73-510 Fred Waring Drive Palm Desert, CA 92260
Mr. Wayne Tanda	Vice Chairman, LOCC, City of San Jose, 4 North Second Street, Suite 1000 San Jose, CA 95113
Ms. Merry Banks	California State Automobile Association, 150 Van Ness Avenue San Francisco, CA 94102-1860
Mr. Bruce Carter	CSAC, Shasta County, Department of Public Works, 1855 Placer Street Redding, CA 96001
Capt. Don Follett	California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
Mr. Gary Foxen	Auto Club of Southern California, P.O. Box 2890 Los Angeles, CA 90051
Mr. Jack Kletzman	California Department of Transportation, 1120 N Street Sacramento, CA 95814
Mr. John Wallo	CSAC, San Luis Obispo County Traffic Department, Court House Annex, Osos and Palm Streets San Luis Obispo, CA 93408

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

Mr. Dwight Ku	California State Automobile Association, 980 Ninth Street, Suite 1520 Sacramento, CA 95814
Mr. Farhad Mansourian	CSAC, Marin County, Department of Public Works, P.O. Box 4186 San Rafael, CA 94913
Mr. Ray Mellen	Auto Club of Southern California, P.O. Box 2890 Los Angeles, CA 90051
Mr. Chris Ramstead	CSAC, Los Angeles County, Department of Public Works, P.O. Box 1460 Alhambra, CA 91802-1460
Mr. Harold Rosenberg	LOCC, City of Chula Vista, 276 Fourth Avenue Chula Vista, CA 92010
Mr. Ed Von Borstel	LOCC, City of Modesto, P.O. Box 642 Modesto, CA 95353
Lt. Shawn Watts	California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
(Vacant)	California Department of Transportation

Secretary

Mr. Jack Kletzman	California Department of Transportation, 1120 N Street Sacramento, CA 95814
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MEETINGS

January 19, 1995	Weinstock's Building (Working Session TM Ch. 5)	Sacramento
May 4, 1995	City Council Chambers Civic Center	Costa Mesa
September 21, 1995	District Auditorium Caltrans, District 4	Oakland

**1995 CTCDC
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Agenda

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93-2	L.E.D. STUDY BY CALTRANS
93-4	CONVEX MIRRORS
93-10	SIGNING, LIME-YELLOW SPECTRUM
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95-4	BIKE LANE SYMBOL PAVEMENT MARKING
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95-11	DIAMOND LANE, WARNING SIGNS
95-12	SYMBOL SIGNS, TRUCK CROSSING/ENTERING ROAD & WATCH FOR ROCKS
95-13	HIGHWAY MARKERS, CALTRANS EXPERIMENT WITH SAFETY STRAND.

Information Items

95 - A	FOREIGN TRAFFIC CONTROL DEVICES
95 - B	METRIC CONVERSION
95 - C	INCREASED VISIBILITY FOR WORKERS IN CONSTRUCTION ZONES

ACCOMPLISHMENTS

Item 92-10 The prohibition against the use of thermoplastic paint for bikeway markings has been deleted from the Traffic Manual.

Item 93-3 The Committee decided revision of striping for the last 200' of a bicycle lane requires action by Legislature to revise the Vehicle Code and referred the matter to the City of Los Angeles and its parent organization, the League of California Cities.

Item 93-7 The Committee recommended allowing the use of rubber rings as external ballast on plastic drum channelizers.

Item 93-15 The Committee recommended eliminating the DO NOT PASS sign in the signing package for lane reduction. It is unlikely that this change will be implemented by Caltrans.

Item 94-4 The Committee approved the Final Draft of the Light Rail Subcommittee with some recommendations for revision.

Item 94-5 The Committee determined that the development of a common protocol for two way communications between signal controllers, as required by AB 3418, is not a traffic control device. The Committee recommended that Caltrans form the sub-committee for establishing the protocol.

Item 94-7 The Committee concurred in the proposal to add a helmet to the existing bicycle lane symbol

Item 94-8 The Committee recommended approval of the RADAR ENFORCED (R48-1) sign.

SUMMARY OF ACCOMPLISHMENTS

- 1 item carried over from 1989
- 1 item carried over from 1990
- 1 items carried over from 1991
- 3 items carried over from 1992
- 10 items carried over from 1993
- 11 items introduced in 1994
- 27 items considered in 1994
 - 1 item not considered in 1994
 - 8 items completed in 1994
 - 2 items withdrawn in 1994
 - 7 items tabled in 1994
- 17 items carried over to 1994

ITEMS CARRIED INTO FUTURE YEARS

- Item 90-7 BICYCLE SIGNAL HEADS
- Item 91-9 CYCLIST LOOP ACTIVATION MARKING
- Item 92-4 TRAFFIC SIGNAL DIMMING
- Item 92-18 GOLF CART SYMBOL SIGN
- Item 93-2 LED STUDY BY CALTRANS
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- Item 93-10 SIGNING, YELLOW GREEN SPECTRUM
- Item 93-12 PEDESTRIAN CROSSWALKS
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ITEMS WITHDRAWN OR DELETED

- Item 89-9 EMERGENCY VEHICLE APPROACHING SIGN
- Item 93-17 STOP SIGN SAFETY WALKER

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- Item 92-4 TRAFFIC SIGNAL DIMMING
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- Item 94-1 BICYCLE SIGNAL TIMING

EXPERIMENTAL ITEMS

Item 92-4 TRAFFIC SIGNAL DIMMING

The City of San Jose has been granted permission to experiment with light emitting diodes and night dimming of traffic signals for the purpose of power cost reduction.

Item 93-2 LED STUDY BY CALTRANS

Caltrans is installing approximately 1900 LED red indications in the District 6 (Fresno) area. If the test for durability and retention of an acceptable ITE National Standard photometric distribution is successful, it would represent a significant savings in maintenance and system operations. The Committee approved the experiment.

Item 93-10 SIGNING, YELLOW GREEN SPECTRUM

Napa County and the City of Napa have been granted permission, subject to Federal approval, for a joint experiment with yellow green signs. They hope to demonstrate superior visibility over existing yellow warning signs. This should be most apparent during periods of dawn and dusk. Sign installation is to be at six schools and is limited to school symbol, school crossing symbol, pedestrian symbol, and pedestrian crossing symbol signs. The City of Los Angeles has also been granted permission to experiment and is working in non-school areas.

Item 93-14 SPEED CONTROL SIGN, EXPERIMENTATION REQUEST

Ms. Joanne Kulachok and Mr. Jerry Crabill were granted permission to experiment with a radar enforcement symbol sign. The symbol is a representation of a motorcycle officer pointing a radar gun. Some sign modifications were required by the Committee. The symbol sign is intended to produce a residual reduction in traffic speed. The venue of the experiment, originally the cities of Yorba Linda and Laguna Hills, has been changed to the City of Cypress.

Item 93-18 CROSSWALKS, SEQUENTIAL LIGHTING

Chief Sal Rosano of the City of Santa Rosa has been granted permission to experiment with lit crosswalks designed to alert motorists that a pedestrian is using the crosswalk. The experiment evolved from the fact that a number of motorists involved in vehicle-pedestrian accidents say they did not see the pedestrian. The Committee required, among other things, that lights be non sequential, the device be used on uncontrolled intersections, and the color of light match the crosswalk. The Committee voted to allow the use of amber lights on all crosswalks.

MISCELLANEOUS

Mr. Perry Lowden of the California Department of Transportation has retired.

Additional information regarding the minutes of the CTCDC meetings held during 1994 may be obtained upon request from the Executive Secretary or any member of the California Traffic Control Devices Committee.

Respectfully submitted,

Jack M. Kletzman
Executive Secretary, CTCDC
(916) 654-4715

SIGNING RECOMMENDATIONS

All additions, revisions and deletions of approved sign specifications made by Caltrans during 1994, are included in the attached "New and Revised Specification Sheets."

As provided in California Vehicle Code Sections 212400 and 21401, a list of approved signs for use on streets and highways in California is available from the Caltrans Manuals and Publications Unit, 1900 Royal Oaks Drive, Sacramento, CA 95815.