

(916) 654-4715

December 1, 1992

MEMBERS AND ALTERNATES,
CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE

1992 ANNUAL REPORT

This 1992 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
1992 ANNUAL REPORT**

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

1992 Voting Members

Capt. Mike Howard	Chairman, California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
Mr. Dick Folkers	Vice Chairman, LOCC, City of Palm Desert, 73-510 Fred Waring Drive Palm Desert, CA 92260
Mr. Joe Bass (retired)	LOCC, City of San Jose, 4 North Second Street, Suite 1000 San Jose, CA 95113
Mr. Roger Burger	CSAC, Los Angeles County, Department of Public Works, P.O. Box 1460 Alhambra, CA 91802-1460
Mr. Bruce Carter	CSAC, Shasta County, Department of Public Works, 1855 Placer Street Redding, CA 96001
Mr. Gary Foxen	Auto Club of Southern California, P.O. Box 2890 Los Angeles, CA 90051
Mr. Perry Lowden Jr.	California Department of Transportation, 1120 N Street Sacramento, CA 95814
Mr. Russ Taft	California State Automobile Association, 150 Van Ness Avenue San Francisco, CA 94102-1860
Mr. Wayne Tanda	LOCC, City of San Jose, 4 North Second Street, Suite 1000 San Jose, CA 95113

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

Ms. Merry Banks	California State Automobile Association, 150 Van Ness Avenue San Francisco, CA 94102-1860
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. Harold Rosenberg	LOCC, City of Chula Vista, 276 Fourth Avenue Chula Vista, CA 92010
Mr. John Wallo	CSAC, San Luis Obispo County Traffic Department, Court House Annex, Osos and Palm Streets San Luis Obispo, CA 93408
Lt. Shawn Watts	California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
Vacant	LOCC
Vacant	Caltrans

Secretary

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

February 19, 1992	City Council Chambers Redding City Hall	Redding
May 21, 1992	City Council Chambers Palm Desert Civic Center	Palm Desert
September 24, 1992	City Council Chambers Monterey City Hall	Monterey

**1992 CTCDC
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90-6	AUDIBLE PEDESTRIAN SIGNALS
90-7	BICYCLE SIGNAL HEADS
90-9	YEAR ROUND SCHOOL SIGNING
90-10	CRITERIA FOR SPEED LIMITS ON LOCAL STREETS
91-5	SCHOOL SPEED SIGN, VARIABLE
91-7	LIGHT RAIL ALTERNATE FLASHING RED SIGNAL
91-8	ADVERTISEMENT ON SIGNAL STANDARDS
91-9	CYCLIST LOOP ACTIVATION MARKING
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92-6	FLASHING BEACONS
92-7	EMERGENCY VEHICLE PLATE
92-8	ROTO-FLECTOR
92-9	FLAGGER, MECHANICAL
92-10	BIKEWAY MARKING
92-11	SAFE FOLLOWING DISTANCE SIGN
92-12	WILDLIFE VIEWING SIGN
92-13	POLICE OR SHERIFF'S FACILITY SIGN
92-14	PORTABLE TRAFFIC SIGNAL
92-15	HOV LANE SIGN AND MARKINGS
92-16	COUNTY ROUTE NUMBERING
92-17	NATURAL GAS SIGN
92-18	GOLF CART SYMBOL SIGN
92-19	PEDESTRIAN CROSSING AHEAD SIGN
92-20	FLASH LAMPS

Information Items

92-A	TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION/MAINTENANCE UTILITY AND EMERGENCY OPERATIONS
92-B	DISABLED PERSON TOW AWAY SIGN

ACCOMPLISHMENTS

Item 89-11 The Committee determined that the use of a strobe light in conjunction with hand held standard stop signs is consistent with the intent of traffic control device standards in California.

Item 90-6 The Subcommittee on Audible Pedestrian Traffic Signals, chaired by Mr. Roger Burger, presented recommendations for signal installation. These recommendations outlined minimum conditions, under which, audible pedestrian signals may be considered at signalized intersection crosswalks. In order to establish uniform statewide practice, the subcommittee recommended adoption of a "cuckoo" walk sound for north-south crosswalks and a "peep-peep" emission for east-west crosswalks. These devices are intended to supplement visual WALK indications and are designed to aid visually impaired pedestrians. The Committee modified the financial provision to share the cost of installation on State highways in the same manner as a traffic signal, and then adopted the subcommittee's recommendations.

Item 91-8 The City of Monrovia did not respond to the Committee's letter which said that advertisements on traffic signal mast arms was ill-advised. The city's Department of Public Works was itself, reluctant to compromise the traffic signals and appreciated the Committee's substantiation

Item 92-2 The National Committee on Uniform Traffic Control Devices is re-studying color visibility for construction signs. The CTCDC went on record for requesting that the national committee consider removal of the stop ahead symbol sign (W17) and the yield ahead symbol sign (W28) from the Manual on Uniform Traffic Control Devices. Both of these signs are red on orange and the consensus was that they have inadequate visibility at night.

Item 92-3 The City of Santa Ana requested adoption of the tow away symbol sign designated R7-201a in the MUTCD and was notified that the symbol sign is acceptable for use.

Item 92-6 Mr. Randy Buchanan of Modesto, proposed a flashing beacon sign to ease the problem of poor visibility at school intersections in foggy weather. The Committee concluded that using a flasher in conjunction with a warning sign is a standard device. This proposal is a variation of the standard and the Committee approved the device provided it is not placed in the traveled way.

Item 92-7 The Committee approved a diamond shaped sign with the message EMERGENCY VEHICLES.

ACCOMPLISHMENTS (continued)

Item 92-12 The Committee approved a new wildlife viewing sign and plate. The sign follows the national standard and is used to identify rural locations to view and photograph wildlife.

Item 92-15 Caltrans was encouraged to reconcile differences in HOV lane marking details and to reestablish HOV standards.

Item 92-16 The County Route Numbering Committee and program are still active. The CTCDC encourages the maintenance of county route marker signs.

Item 92-19 The request by Daly City for a pedestrian crossing ahead symbol sign was denied.

Item 92-20 Mr. Matthew Brown presented two innovative traffic control devices. The first consisted of synchronized flashing delineators, intended for construction zones or night tapers. This device is considered standard. The second device is an incidence response device that is intended to replace flares. A tripod stand with messages or symbols on plastic covering for the tripod was a variation designed to improve visibility. The Committee concluded that there is nothing that would preclude the use of the device at ground level or at 36" height using the tented tripod without symbols, but the use of a non-standard device requires field testing.

SUMMARY OF ACCOMPLISHMENTS

2 items carried over from 1989
4 items carried over from 1990
4 items carried over from 1991
20 items introduced in 1992
29 items considered in 1992
1 item not considered in 1992
12 items completed in 1992
8 items withdrawn in 1992
10 items carried over to 1993

ITEMS CARRIED INTO FUTURE YEARS

Item 89-9	EMERGENCY VEHICLE APPROACHING SIGN
Item 90-9	YEAR ROUND SCHOOL SIGNING
Item 91-7	LIGHT RAIL ALTERNATE FLASHING RED SIGNAL
Item 92-4	TRAFFIC SIGNAL DIMMING
Item 92-13	POLICE OR SHERIFF'S FACILITY SIGN
Item 92-17	NATURAL GAS SIGN
Item 92-18	GOLF CART SYMBOL SIGN

ITEMS WITHDRAWN

Item 90-10	CRITERIA FOR SPEED LIMITS ON LOCAL STREETS
Item 91-5	SCHOOL SPEED SIGN, VARIABLE
Item 92-1	RR-XING EMERGENCY SIGN
Item 92-5	LIGHT EMITTING DIODE PEDESTRIAN SIGNAL HEADS
Item 92-8	ROTO-FLECTOR
Item 92-9	MECHANICAL FLAGGER
Item 92-11	SAFE FOLLOWING DISTANCE SIGN
Item 92-14	PORTABLE TRAFFIC SIGNAL

TABLED AGENDA ITEMS

A new committee called the California Bicycle Advisory Committee has been formed. The purpose of this committee is to provide the Department of Transportation guidance in compliance with Proposition 116, the Clean Air and Transportation Improvement Act, and to advise on bicycle program projects and issues. Future bicycle topics should be directed to this advisory committee. The following items have already been referred to that committee:

Item 90-7	BICYCLE SIGNAL HEADS
Item 91-9	CYCLIST LOOP ACTIVATION MARKING
Item 92-10	BIKEWAY MARKING

EXPERIMENTAL ITEMS

Item 89-9 EMERGENCY VEHICLE APPROACHING SIGN

In 1989 the committee approved an experimental work plan for testing an emergency signal system. This system is to be installed at several intersections in downtown Sacramento in cooperation with the local fire department. In 1990, Mr. R. C. Anderson demonstrated the prototype sign for the Committee. Sign erection and data collection have not yet occurred.

In 1992 the status remained unchanged.

Item 90-7 BICYCLE SIGNAL HEADS

The city of Davis proposed an experiment using separate signal heads for bicycles. The city has a large bicycle population and is hoping to increase efficiency through intersections having considerable numbers of motor vehicle, bicycle accidents. The Committee approved the experiment.

Item 92-4 TRAFFIC SIGNAL DIMMING

The City of San Jose is using light emitting diodes and night dimming of traffic signals to reduce power costs.

MISCELLANEOUS

Mr. Joe Bass of the City of San Jose has retired. Mr. Bob Donner of Caltrans is intending to retire before next scheduled meeting. Both of these gentlemen have given many years of substantial service to the Committee and will be missed.

Additional information regarding the minutes of the CTCDC meetings held during 1992 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
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SIGNING RECOMMENDATIONS

All additions, revisions and deletions of approved sign specifications made by Caltrans during 1992, 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