



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, November 3, 2022 (09:00 am to End)



MEETING AGENDA

WebEx Information

<https://cadot.webex.com/cadot/onstage/g.php?MTID=e1a3558b10c6e2cb4aa521dd401e56649>

You may also call in using the number and access code below.

Note: Call-in participants will not be able to make comments during the meeting.

Phone: (408-418-9388), Access code: (2490 915 5250)

The Meeting is open and public/local agencies are invited to attend. For further information regarding this meeting, please contact **Johnny Bhullar at (916) 662-2397**, or email Johnny.Bhullar@dot.ca.gov. Additional information on CTCDC can be found at <https://dot.ca.gov/programs/safety-programs/ctcdc>.

Organization Items

1. Introduction

Please state:

- Your name
- CTCDC Role: Voting/Alternate Member, Committee staff or Presenter.
- Name of Business or organization you are representing

2. Membership

New County Engineers Association of California (CEAC) Appointment of Mr. Robert Scharf, Assistant Deputy Director, Los Angeles County Public Works, as Alternate Member representing Southern California. Refer to page 6 for more details.

3. Approval of Minutes of the August 4th, 2022 Meeting

[August 4th, 2022 CTCDC Meeting Minutes](#)

4. Public Comments

At this time, members of the public may comment on any item not appearing on the agenda. Matters presented under this item cannot be discussed or acted upon by the Committee at this time. For items appearing on the agenda, the public is invited to make comments at the time the item is considered by the Committee.

- A. Public comment on items not appearing on the agenda shall be limited to a maximum of 5 minutes each. Total public comment period prior to agenda items shall not exceed 20 minutes. The 20 minutes can be proportioned accordingly if there are more than four speakers wishing to speak. Or an additional public comment period on items not appearing on the agenda can be heard after all agenda items are heard.
- B. Public comment on agenda item shall be limited to 3 minutes.
- C. During public comments, a member of public may speak only once per agenda item unless specifically requested by a majority of the CTCDC to come back and comment again.



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D. Longer comments should be provided in writing 10 days prior to the meeting.

Local agencies conducting experiments should incorporate public feedback (if any input was received) in the status report and/or the Final Report. The merits of an experiment's success will be based on the identified problem or issue the Local/State Agency has identified when requesting permission to experiment. Local/State policies decision are not for CTCDC debate or CTCDC public comment as the CTCDC evaluates the technical merits of the experiment and how well it addressed the identified problem or issue.

When addressing the Committee, for the record please state:

- Your name
- Business or organization you are representing
- Optional: To receive information related to CTCDC meetings, please submit your contact information via email to Johnny.Bhullar@dot.ca.gov

5. Updates on items under experimentation

Discussion and direction to agencies on experimentation requests, including:

- Status update on active experiments
- Experimentation Process
- Sponsor Responsibilities

Refer to pages 9 through 16 for more details.

Agenda Items

6. Public Hearing

Prior to adopting rules and regulations prescribing uniform standards and specifications for all official traffic control devices placed pursuant to Section 21400 of the California Vehicle Code, the Department of Transportation is required to consult with local agencies and hold public hearings.

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

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor/Lead</u>	<u>Page</u>
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		None		



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6b. Action Items (Continuing discussion from prior meetings with vote expected)

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor/Lead</u>	<u>Page</u>
21-06	6in Longitudinal Traffic Lines on SHS	Caltrans	Yue Wang / John Bamfield	17
21-16	Assembly Bills AB-43 and AB-1938 Implementation – Speed Limit Policy Revisions	Caltrans	Yue Wang / Johnny Bhullar	18
22-10	Leading Pedestrian Interval Legislation AB-2264	Caltrans	Yue Wang / Michael C. Robinson	19
22-11	Additional retroreflective bands on 36” cones	Caltrans	Yue Wang / John Bamfield	20
22-15	Option to allow pedestrian walk or clearance intervals during railroad preemption	Caltrans	Yue Wang / Chi Cheung To & Kevin Schumacher	21
22-16	Bipartisan Infrastructure Law - Rebuilding CA Sign	Caltrans	Yue Wang / Sarah Horn	22

6c. Information Items (New items that may be voted on or brought back as an Action Item in a future meeting)

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor/Lead</u>	<u>Page</u>
22-08	SHSP Action SM.3 California Manual for Setting Speed Limits Revision	Caltrans	Yue Wang / Johnny Bhullar	23
22-09	SHSP Action SC.7 Formalize existing traffic control device uses in the CA MUTCD	Caltrans	Yue Wang / Johnny Bhullar	24
22-12	2009 National MUTCD Revision 3 Final Pavement Ruling	Caltrans	Yue Wang / John Bamfield	25
22-14	Assembly Bill 1909 Vehicles: bicycle omnibus bill	Caltrans	Yue Wang / Johnny Bhullar	26



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6d. Request for Word Message Signs Approval

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor/Lead</u>	<u>Page</u>
22-06	BIKE TURN-OUT Signs	Caltrans	Yue Wang / Sarah Horn	27
22-07	REPORT PEDESTRIANS CALL 911 Sign	Caltrans	Yue Wang / Jose' Ornelas, Caltrans District 11	28

6e. Request for Experimentation

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor / Lead</u>	<u>Page</u>
15-12	Experiment Closure Request Traffic Calming Treatments	County of Colusa	Mike Sallaberry / Michael Azevedo	29
17-15	Experiment Closure Request Red Colored Pavement	City of Santa Rosa	Pratyush Bhatia / Robert Sprinkle	30
19-05	Experiment Closure Request Bidirectional Pavement Marking	Caltrans	Yue Wang / Troy Bucko	31



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7. Next Meeting

Scheduled for February 2, 2023 in person in Sacramento, CA.

CTCDC Chairperson and Vice Chairperson elections will be held at the next meeting.

8. Adjourn




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2. Membership

New County Engineers Association of California (CEAC) Appointment of Mr. Robert Scharf, Assistant Deputy Director, Los Angeles County Public Works, as Alternate Member representing Southern California.



California Traffic Control Devices Committee

MEMBER AGENCIES:
Automobile Club of Southern California - California Highway Patrol
California State Association of Counties - California State Automobile Association
California Department of Transportation - League of California Cities



October 28, 2022

Robert Scharf
Assistant Deputy Director
Los Angeles County Public Works
900 S. Fremont Avenue
Alhambra, CA 91803

Dear Mr. Scharf:

Congratulations on your recent appointment by the County Engineers Association of California (CEAC) as the Alternate member, for Southern California Counties on the California Traffic Control Devices Committee (CTCDC). As you may be aware, Mr. David Fleisch, Assistant Director, Ventura County Public Works Agency is currently the voting member representing CEAC for Southern California Counties. Your appointment is as an Alternate member to Mr. David Fleisch, and to represent CEAC in voting member capacity if Mr. Fleisch is not attending the CTCDC meeting. The expectation of an alternate member is to attend all regular CTCDC meetings and participate, to stay current on the agenda items and discussions.

The next CTCDC meeting is scheduled on November 3, 2022.

I will schedule an introductory meeting to familiarize you with the CTCDC meetings and the process involved in revising the CA MUTCD. The following website is a good tool to find out about CTCDC future meetings and other information about the CTCDC:

<https://dot.ca.gov/programs/safety-programs/ctcdc>

If you need additional information, please call me at (916) 662-2397.

Sincerely,

Gurinderpal Bhullar

Gurinderpal (Johnny) Bhullar
Executive Secretary, CTCDC

cc: David Fleisch, Chair, CTCDC
Robert Bronkall, Vice-Chair, CTCDC
Yue Wang, Caltrans CTCDC Representative
CTCDC Members
CTCDC Files

Address: Division of Safety Programs, CTCDC Executive Secretary, California Department of Transportation, MS 36, 1120 N Street, Sacramento, CA 95814



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October 27, 2022

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Mr. Robert Scharf
Assistant Deputy Director
Los Angeles County Public Works
900 S. Fremont Avenue
Alhambra, CA 91803

Re: California Traffic Control Devices Committee (CTCDC) – Southern California Region – Alternate position

Dear Robert,

Congratulations! You have been selected to represent the County Engineers Association of California (CEAC) as the Southern California alternate representative on the California Traffic Control Devices Committee (CTCDC).

As the CEAC Southern California alternate representative, you will be responsible for attending scheduled committee meetings, and reporting in person should the primary representative not be available at least three times annually at the CEAC spring, fall and policy conferences on the matters considered or currently being considered by the committee since the last report.

By way of this letter, CEAC is providing your name to Nicolas Esquivel, our contact at the Department of Transportation to advise him and the current CEAC CTCDC committee representatives of your appointment. For more information about upcoming committee meetings, please visit <https://dot.ca.gov/programs/safety-programs/ctcdc>. Also, please note, the current CEAC CTCDC committee representatives are:

Northern California Representatives:

Primary	Bob Bronkall	Humboldt County
Alternate	Richard Moorehead	Placer County

Southern California Representatives:

Primary	David Fleisch	Ventura County
Alternate	Robert Scharf	Los Angeles County

Again, thank you for your interest in representing CEAC on this important committee. If you have any questions, please call me at (707) 463-4366 or email at dashiellh@mendocinocounty.org.

Sincerely,

Howard Dashiell
President, County Engineers Association of California
Director, Mendocino County Department of Transportation

cc: CEAC file
Mark Pestrella, Los Angeles County
Steve Burger, Los Angeles County
Nicolas Esquivel, California Department of Transportation



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From: Bhullar, Gurinderpal S@DOT
Sent: Friday, October 28, 2022 5:23 PM
To: bscharf@dpw.lacounty.gov
Cc: Fleisch, David; bbronkall@co.humboldt.ca.us; RMoorehe@placer.ca.gov; Wang, Yue@DOT; Halog, Janelle@DOT; Shaikh, Ejaz@DOT; dashielh@co.mendocino.ca.us; External, dashielh
Subject: Appointment of Mr. Robert Scharf by CEAC as Alternate member on CTCDC
Attachments: Appointment of Robert Scharf CEAC So Cal Alternate Member (10-28-22) Signed.pdf; So Cal alternate appointment Robert Scharf 10272022.pdf

Mr. Scharf,

Congratulations on your recent appointment by the County Engineers Association of California (CEAC) (per CEAC attached letter) as the Alternate member, for the Southern California Cities on the California Traffic Control Devices Committee (CTCDC). I would like to welcome you to join the CTCDC and thank you in advance for accepting this nomination and volunteering to assist the CTCDC in our efforts to improve safety of all road users in California.

Please find attached, your CTCDC appointment letter for the Alternate member position, to represent the Southern California Counties on the CTCDC.

I will have Janelle from our office schedule an introductory meeting with you to familiarize you with the CTCDC meetings and the process involved in revising the CA MUTCD. I will also discuss your role and responsibilities as an alternate member on the CTCDC. Information on the CTCDC, including meeting agendas and minutes, brochure with member listings, annual reports and other details are available on the CTCDC web page available per following web link: <https://dot.ca.gov/programs/safety-programs/ctcdc>

The next CTCDC meeting is scheduled to be conducted on November 3, 2022. You will be receiving a separate invitation to attend this CTCDC meeting.

If you have any questions, please feel free to call me at (916) 662-2397.

Gurinderpal (Johnny) Bhullar, P.E., T.E.

Editor, CA MUTCD & Secretary, CTCDC
Legal Liaison & Speed Management
Office of Traffic Safety Systems & Devices
Caltrans, Division of Safety Programs
1120 N St., Sacramento, CA 95814
916-662-2397 (Cell.)
johnny.bhullar@dot.ca.gov
[CA MUTCD Contacts](#)
[Traffic Engineering HQ Contacts | Caltrans](#)

5. Updates on items under experimentation

Discussion and direction to agencies on experimentation requests, including:

- Status update on active experiments

Status of Active CTCDC Experiments						
No.	Item #	Description	Status & Report Received	Agency	Sponsor	CTCDC Meeting Approval
1	15-12	Traffic Calming Treatments in Princeton, CA	Request Closure Status Report	County of Colusa	Mike Sallaberry	6/4/2015
2	16-09	Messages and Graphics on Dynamic Message Signs on Freeway	Status Report Needed	Caltrans District 4	Yue Wang	3/3/2016
3	16-25	Through lane bicycle box, City of South Pasadena	Status & Final Report Needed	City of South Pasadena	Mike Sallaberry	9/1/2016
4	17-15	Red colored pavement markings for Transit Only Lanes in left turn only lanes	Request Closure Final Report	City of Santa Rosa	Pratyush Bhatia	8/10/2017
5	18-15	Modified 4-section traffic control and R10-15b sign	To be installed in 3/2025 Status Report	City of San Diego	Andrew Maximous	8/9/2018
6	19-05	Bidirectional Pavement Marking	Request Closure Status Report	Caltrans HQ	Yue Wang	1/31/2019
7	19-08	Non-standard traffic control device for Highway 1 bus on Shoulder	Status Report	SCCRTC	Yue Wang	8/8/2019
8	19-11	Red colored transit-only lanes	Extended (5/5/22) Status Report	City of Los Angeles	Jason Welday	11/14/2019
9	20-08	Modified 4-section traffic control, 3-section bicycle traffic control, and modified R10-15b Sign	NTP for Construction in 11/22 Status Report	City of Imperial Beach	Jason Welday	7/9/2020
10	20-09	Variable Speed Advisory (VSA) sign	Status Report Needed	Caltrans DRISI	Yue Wang	7/9/2020
11	20-12	Orange contrasted temporary pavement delineation in construction zones	Equipment Installed Status Report	Caltrans District 11	Yue Wang	7/9/2020
12	20-13	Part-time travel on left shoulder	PS&E Phase Status Report	Caltrans District 5	Yue Wang	7/9/2020

5. Updates on items under experimentation (Continued)

- 15-12 Evaluation of Traffic Calming Treatments in Princeton, CA (Mike Sallaberry)

Status Date – 10/20/22 – Michael Azevedo, Colusa County Director of Public works confirmed that the experiment was unsuccessful and had been closed. Michael Azevedo submitted a request for experiment closure.

Status Date – 3/8/2022 – Caltrans District 3 Office of Traffic Safety stated that these treatments were not effective, and speeds actually increased in some locations. In response to these results, Caltrans District 3 Director informed the County of the results and termination of the experiment. This experiment was being conducted as part of a joint effort between Caltrans District 3 Traffic Operations Branch, and the Colusa County Department of Public Works.

Michael Azevedo
Colusa County Director of Public Works
1215 Market Street
Colusa, CA 95932
mjazevedo@countyofcolusa.com

- 16-09 Request for Permission to Experiment with the Messages and Graphics on Dynamic Message Signs on Freeway (Yue Wang)

Status Date – 7/21/22 – Caltrans District 4 received FHWA approval in 2016 for this experiment. Citing potential driver comprehension issues, FHWA requested Caltrans to remove the congestion map or graphical route information panels (GRIP), and transit agency logos such as Bay Area Rapid Transit (BART) until human factors studies show potential benefits. Caltrans partnered with UC Berkeley PATH to conduct the requisite studies. UC Berkeley PATH developed a multistage lab environment study to measure drivers' interpretation and comprehension of different designs and conducted experimentation and research in 2018. It included analyzing comprehension and response to the MUTCD compliant 3-line travel time message (baseline), graphical route information panels (GRIP), and the 5/6-line information messages along with studies of various non-MUTCD compliant symbols or legends. A driving simulator was used to evaluate driver comprehension more realistically in an actual environment. At conclusion, Caltrans Headquarters requested FHWA approval to move forward with a controlled field evaluation or test of the GRIP and other graphics concepts. FHWA Headquarter staff in Washington DC didn't approve the requests, citing data in the UC Berkeley human factor study does not justify further field evaluation using the actual message signs along I-80. Evaluations involving the GRIP concepts are paused. If FHWA provides support, Caltrans will resume experimentation of the GRIP and other non-compliant graphics. Final Report of the extensive research by UC Berkeley PATH, dated 10/30/2020, was provided as a reference. Caltrans continued to experiment with the use of text or approved graphic messages up to six lines on the IDBs. Caltrans continues to evaluate the six-line displays and has not completed the processing of analyzing data associated with the instances the Department utilized messages with four or more lines.



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David Man
Chief of System Operations
Division of Traffic Operations – Caltrans Bay Area
(510) 314-5335

- 16-25 Request to experiment with through lane bicycle box, City of South Pasadena (Mike Sallaberry)

Status Date – 9/12/22 – Several contacts for this experiment are no longer working for City of South Pasadena. Tried to contact Sam Zneimer unsuccessfully on 9/8 as well as Planning Division on 9/12. Contacted Jason Welday, representative of LOCC Southern California, on 9/21/22, for assistance and he contacted the city on 9/22/22. Awaiting response from the city.

Status Date – 6/25/2018 – The project is in the final stage 85% complete. The outstanding items are signage and push ped-buttons. The project is anticipated to be complete early July 2018.

Status Date – 1/18/2018 – The project is out for bid. The bid opening will be on January 30, 2018.

Status Date – 10/11/2017- Before study has been completed. The engineering plans are being reviewed. The project is planned to be advertised in November and the project should be complete by January.

Status Date – 7/17/2017 – The "Before" study will be conducted sometime in the late summer or early autumn of this year after school starts. The "After" study will be conducted after construction, preferably at the same time of year as the "Before" study.

Status Date – 1/19/2017 – City of South Pasadena is in the process of collecting the “Before” Data.

Margaret Lin
Principal Management Analyst
City of South Pasadena
MLin@southpasadenaca.gov

- 17-15 Request for Experimentation-Red colored pavement markings for Transit Only Lanes in left turn only lanes (Pratyush Bhatia)

Status Date – 9/28/2022 – Caltrans recommends not to make any policy changes as a result of this experiment due to the narrow application and experiment not resulting in eliminating unauthorized users. Requested to close the experiment and the closure formally acknowledged on 10/3/22.

Status Date – 7/13/2020 – City submitted report titled “Transit Mall Survey Analysis 2018-2020”, which constitutes as the Final Report for this experiment. The report includes results from survey conducted in four consecutive years: July 2017, June 2018, July 2019, and June/July 2020. The survey results indicate that this experiment was successful in reducing,



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but not eliminating unauthorized entry into the Transit Mall. Additional infrastructure and devices would be needed to eliminate unauthorized user entry.

Status Date – 7/13/2020 – There appears to be a trend of less vehicles entering the Transit mall. Over a 56-hour surveillance period, we had 52 vehicles enter the mall or 0.92 cars per hour, verse our 2019 data after the markings were installed of 1.03 cars per hour.

Status Date – 10/15/2019 – We are still seeing a decrease in the number of errant vehicles in the Transit mall. Over a 31-hour surveillance period, we had 31 vehicles enter the mall or 1.03 cars per hour, verse our 2018 data after the markings were installed of 1.54 cars per hour.

Status Date – 1/11/2019 – Data will be collected in May 2019.

Robert M. Sprinkle | Deputy Director – Traffic Engineering
 Traffic Engineering Division | 69 Stony Circle | Santa Rosa, CA 95401
 Tel. (707) 543-3817 | Fax (707) 543-3801 | rsprinkle@srcity.org

- 18-15 Request for experimentation with modified 4-section traffic control and R10-15b sign (Andrew Maximous)

Status Date – 9/2/2022 – The installation of equipment will take place in March 2025 and the experimentation period is from March 2025 to March 2026.

Status Date – 5/18/2020 – The project is currently in plan check phase.

Status Date – 10/15/2019 – The proposed bikeway project that is featuring the experiment is currently at plan check with the permitting City (San Diego, CA).

Matthew Capuzzi, P.E.
 Chen Ryan Associates
 3900 Fifth Avenue, Suite 310 | San Diego, CA 92103
 O: (619) 795-6086 | D: (619) 405-3929
mcapuzzi@cramobility.com

- 19-05 Request to Experiment with Bidirectional Pavement Marking (Yue Wang)

Status Date – 10/18/2022 – The pilot project was terminated due to material failure and Caltrans has requested closure of the experiment.

Status – Caltrans District 11 to pursue request for extension from CTCDC to continue to experiment with these pavement markings.

Status Date – 6/26/2021 – We will need to ask for an extension on this Pilot.

Status Date – 5/19/2020 – The first of three contracts to install is going to Construction in June (approx. 15 ramps), the second likely in August (another 15 ramps) and the third in D3 on Nov-December 2021 (remaining 10 ramps).

TROY BUCKO
 HQ Division of Safety Programs



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Office of Safety Devices and Systems
Traffic Signs and Engineering Support/Safety Systems and Devices
Traffic Safety Devices Engineer
916-956-9267

- 19-08 Request to Experiment Non-standard traffic control device for Highway 1 bus on Shoulder project (Yue Wang)

Status Date – 10/24/22 – The bus on shoulder facilities will be implemented in 3 phases on northbound and southbound Highway 1 and concurrently with 7.5 miles of auxiliary lane projects. For phase 1, the contract was awarded in August 2022 and construction is scheduled to begin in late 2022 and be operational by the end of 2024. For phase 2, construction is scheduled to begin in the summer of 2023 and will be operational in 2026. For phase 3, construction is expected to start in summer of 2025. The full 7.5-mile facility is anticipated to be operational in 2028.

Status – Status reminders sent on 9/19/22, 10/6/22 and 10/17/22.

Status – Caltrans District 5 states CEQA issue is being resolved.

Status Date – 10/8/2020 – Over the last several months, the RTC and Caltrans District 5 staff have been working to advance the design and project approvals for three segments of the proposed improvements.

District 5 Caltrans and SCCRTC
Sarah Christensen
Sr. Transportation Engineer
Santa Cruz County Regional Transportation
schristensen@sccrtc.org
(831) 460-3200

- 19-11 Request to Experiment Red colored transit-only lanes (Jason Welday)

Status Date – 7/5/2022 – LADOT still waiting response from FHWA to continue with the expansion of the experiment.

Status Date – 5/5/22 – LADOT proposed expanding its experiment with red colored transit-only lanes to determine if they continue to reduce violations of transit-only lane restrictions and reduce delays to transit vehicles at the CTCDC meeting on 5/5/22. CTCDC approved request to expand experiment to additional locations and 6-month time extension.

Status Date – 6/26/2021 – After considerable delay, we finally installed the remainder of the experimental sections of red bus lanes, just a couple weeks ago. We will be collecting our first round of post-installation data this summer and will do our best to submit the first report by the provided August 7 deadline.



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Status Date – 5/18/2020 – FHWA approved but it took them several months. We only recently ordered material and only for one block of installation. We have not received or installed it yet.

Tim Frémaux
 Senior Transportation Engineer
 Valley and Western District Operations
 Los Angeles Department of Transportation
 (818) 473-4688
Tim.fremaux@lacity.org

- 20-08 Request for experimentation with modified 4-section traffic control, 3-section bicycle traffic control, and modified R10-15b Sign (Jason Welday)

Status Date – 10/6/22 – This experimental approval is part of a larger bikeway project led by regional Metropolitan Planning Organization (MPO) San Diego Association of Governments (SANDAG). The project was issued for Bid in May 2022. Contractor was selected August 2022. Notice to Proceed (NTP) for Construction will be November 2022.

Status Date – 4/21/21 – FHWA requested City of Imperial Beach to modify experiment request by removing the modified R10-15 sign, as it was researched through the pedestrian and bicyclist pooled fund study, which found that a word message sign was more effective at communicating the intended message.

Status Date – 10/14/2020 – The City of Imperial Beach officially submitted the FHWA MUTCD Experimental Request last Wednesday (October 14), to FHWA; specifically, David Kirschner and Duane Thomas from their offices. Because the request was just submitted last week, we’re still in the process of waiting to hear back on any comments or requests by FHWA.

Ryan Whipple, P.E., T.E.
 Lead Traffic Engineer
 (619) 525-8378
Ryan.Whipple@wsp.com

- 20-09 Request for experimentation of the performance of Variable Speed Advisory (VSA) sign (Yue Wang)

Status Date – 10/7/2020 – Caltrans DRISI was working with FHWA to check the status on Caltrans' request to get permission to experiment and evaluate the performance of Variable Speed Advisory (VSA) on State Route 99. Request was submitted on 7/27/20 and waiting response. Matthew Zeller of FHWA/Office of Operations confirmed that FHWA/ MUTCD Team had received the request for experimentation and will get back to Caltrans.

Status Date – 5/18/2020 – We are currently working with FHWA to check the status on Caltrans' request to get permission to experiment and evaluate the performance of Variable Speed Advisory (VSA) on State Route 99. We submitted our request on July 27, 2020, and we have not heard back. Matthew Zeller of FHWA/Office of Operations confirmed that



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FHWA/ MUTCD Team have received the request for experimentation and will get back to Caltrans as soon as possible as per Hassan Aboukhadijeh’s email.

Jose Camacho Jr.
 Office of Traffic Operations Research
 Division of Research, Innovation and System Information
 California Department of Transportation (Caltrans)
 Phone: (916) 387-5291
 Email: jose.camacho.jr@dot.ca.gov

- 20-12 Request for approval of orange contrasted temporary pavement delineation in construction Zones (Yue Wang)

Status Date – 9/26/2022 – all the temporary orange striping is in place in “Unit 4,” i.e., the zone planned for orange striping. All the cameras have been installed and configured by the UC Davis researchers, and they have collected about three months of data. Once the researchers have about a year’s worth of data, they will analyze it and come up with some insightful, quantitative results about how driver behavior (e.g., speed, lane position, average number of lane departures, etc.), changed after standard white striping was replaced by the orange striping.

Status – Caltrans District 11 to pursue request for extension from CTCDC to continue to experiment with these pavement markings.

Status Date – 6/26/2021 – We will need to ask for an extension on this Pilot.

Status Date – 9/30/2020 – FHWA had provided approval to the request for experimentation.

Status – 7/24/20 – Caltrans District 11 requested FHWA approval to experiment with these orange-contrasted temporary pavement delineation.

Troy Bucko-Division of Safety Programs
 Brian Hadley, C.E.
 Branch Chief - District 11
 Traffic Safety & Operations, North Region
 (619) 688-3256 office
 (858) 518-3505 cell

- 20-13 Request for approval of part-time travel on left shoulder (Yue Wang)

Status Date – 9/26/22 – The project has achieved signed PR and final PA&ED. The project had also completed it’s VA study as of the previous week. It’s officially in the PS&E phase.

Status Date – 4/8/21 – Revised the status report submitted on 3/26/21 for corrections regarding the revision of “END TRAVEL ON SHOULDER” to “SHOULDER DRIVING END” for one sign.



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Status Date – 3/26/2021 – Status report submitted showing deviations from the previous work plan approved in July 2020 CTCDC meeting. Sign package revised August 2020, ConOps finalized January 2021, and alternative selection completed March 2021.

Roger D. Barnes
Senior Transportation Engineer
Traffic Operations Branch Chief
Caltrans, District 5 – San Luis Obispo
(805) 549-3473 office



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6. Public Hearing

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

None

6b. Action Items (Continuing discussion from prior meetings with vote expected)

Item 21-06 6in Longitudinal Traffic lines on SHS

Recommendation:

Motion by committee to recommend inclusion of the proposed revisions to the CA MUTCD Section 3A.06 to include the minimum requirements of 6" wide longitudinal traffic lines for permanent pavement delineation on State Highway System and clarify the use of 4" width as optional for local agency roadways.

Requesting Agencies/Sponsor:

John Bamfield, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.



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Item 21-16 Assembly Bills AB-43 and AB-1938 Implementation – Speed Limit Policy Revisions

Recommendation:

Motion by committee to recommend inclusion of the proposed changes to the CA MUTCD Section 2B.13 “Speed Limit Sign (R2-1)”, Table 2B-101(CA) and Table 2B-102(CA) and newly proposed Tables 2B-103(CA) through 2B-106(CA), to comply with Assembly Bill AB-1938 (effective January 1, 2023), which clarifies AB-43’s text and intent by revising specific AB-43 provisions now included in Vehicle Code Sections.

Requesting Agencies/Sponsor:

Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.



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Item 22-10 Leading Pedestrian Interval Legislation AB-2264

Recommendation:

Motion by committee to recommend inclusion of the proposed changes to the California Manual on Uniform Traffic Control Devices (CA MUTCD) Section 4E.06 "Pedestrians Intervals and Signal Phases" to comply with Assembly Bill AB-2264 (effective January 1, 2023).

Requesting Agencies/Sponsor:

Michael C. Robinson, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.



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Item 22-11 Additional retroreflective bands on 36" cones

Recommendation:

Motion by committee to recommend inclusion of the proposed changes to the CA MUTCD Section 6F.64 "Cones" to address inclusion of additional retroreflective bands on cones equaling 36" in height.

Requesting Agencies/Sponsor:

John Bamfield, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.



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Item 22-15 Option to allow pedestrian walk or clearance intervals during railroad preemption

Recommendation:

Motion by committee to recommend inclusion of the proposed changes to the CA MUTCD Section 4D.27 "Preemption and Priority Control of Traffic Control Signals".

Requesting Agencies/Sponsor:

Chi Cheung To and Kevin Schumacher, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.



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Item 22-16 Bipartisan Infrastructure Law - Rebuilding CA Sign

Recommendation:

Motion by committee to recommend inclusion of the Bipartisan Infrastructure Law Rebuilding CA C50(CA) Sign to California Manual on Uniform Traffic Control Devices (CA MUTCD) Section 6F.109(CA) "Construction Project Funding Identification Signs".

Requesting Agencies/Sponsor:

Sarah Horn, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.



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6c. Information Items (New items that may be voted on or brought back as an Action Item in a future meeting)

Item 22-08 SHSP Action SM.3 California Manual for Setting Speed Limits Revision

Recommendation:

None.

The CTCDC is being informed of this item in case local agency CTCDC members would like to nominate engineering and traffic survey (E&TS) experts from local agencies to assist with the revision efforts.

Requesting Agencies/Sponsor:

Johnny Bhullar, Caltrans / Yue Wang, CTCDC member

The information item is provided as attachment to the agenda.



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Item 22-09 SHSP Action SC.7 Formalize existing traffic control device uses in the CA MUTCD

Recommendation:

None.

The CTCDC is being informed of this item to make CTCDC members aware of the effort undertaken by Caltrans to pursue this action, which may potentially identify non-standard traffic control devices that would require future CTCDC agenda item development and reviews.

Requesting Agencies/Sponsor:

Johnny Bhullar, Caltrans / Yue Wang, CTCDC member

The information item is provided as attachment to the agenda.



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Item 22-12 2009 National MUTCD Revision 2 Final Pavement Ruling

Recommendation:

None.

This is an informational item to make agencies aware of FHWA's issuance of the Final Rule revising National MUTCD 2009 Edition.

Requesting Agencies/Sponsor:

John Bamfield, Caltrans / Yue Wang, CTCDC member

The information item is provided as attachment to the agenda.



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Item 22-14 Assembly Bill 1909 Vehicles: bicycle omnibus bill

Recommendation:

None.

This is an informational item to make agencies aware of this new legislation.

Requesting Agencies/Sponsor:

Johnny Bhullar, Caltrans / Yue Wang, CTCDC member

The information item is provided as attachment to the agenda.



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6d. Request for Word Message Signs Approval

Item 22-06 BIKE TURN-OUT Signs

Recommendation:

Motion by committee to recommend inclusion of two proposed bike turn-out guide signs in new CA MUTCD Section 9B.105 (CA) BIKE TURN-OUT Signs

Requesting Agencies/Sponsor:

Sarah Horn, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda



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Item 22-07 REPORT PEDESTRIANS CALL 911 Sign

Recommendation:

Motion by committee to recommend inclusion of the new word message sign in CA MUTCD Section 2I.09 to report the presence of pedestrians on highways by calling 911 to improve roadway safety.

Requesting Agencies/Sponsor:

Jose' Ornelas, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda



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6e. Request for Experimentation

Item 15-12 Request for Closure of Experiment: Traffic Calming Treatments in Princeton, CA

Recommendation:

Motion by committee to approve closure of this experiment in response to 10/20/22 Michael Azevedo, Colusa County Director of Public works confirmation that the experiment was unsuccessful and had been closed.

Requesting Agencies/Sponsor:

County of Colusa/Mike Sallaberry, CTCDC Member

The notification of closure of experiment is provided as attachment to the agenda.



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6e. Request for Experimentation (Continued)

Item 17-15 Request for Closure of Experiment with Red colored pavement markings for Transit Only Lanes in left turn only lanes

Recommendation:

Motion by committee to approve closure of this experiment in response to City of Santa Rosa's (experimenting agency) email dated October 3, 2022, requesting closure of experiment.

Requesting Agencies/Sponsor:

Robert Sprinkle (City of Santa Rosa) / Pratyush Bhatia, CTCDC Member

The request for closure of experiment is provided as attachment to the agenda



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6e. Request for Experimentation (Continued)

Item 19-05 Request for Closure of Experiment: Bidirectional Pavement Marking for wrong way

Recommendation:

Motion by committee to approve closure of this experiment, due to termination of the pilot projects in both District 11 and District 3 based on Caltrans email dated October 18, 2022, requesting closure of experiment.

Requesting Agencies/Sponsor:

Caltrans District 11/ Yue Wang, Caltrans, CTCDC Member

The request for closure of experiment is provided as attachment to the agenda



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7. Next Meeting

Scheduled for February 2, 2023 in person in Sacramento, CA.

CTCDC Chairperson and Vice Chairperson elections will be held at the next meeting.

8. Adjourn