



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, May 4, 2023 (09:00 am to End)



MEETING AGENDA

WebEx Information

<https://cadot.webex.com/cadot/j.php?MTID=maa76e38104f3350920e1b6df6c7f0c40>

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: (2496 407 0809)

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 Highway Patrol (CHP) Appointment of Lt. Bradley Hopkins, Special Projects Section, as Voting Member representing CHP. Refer to page 5 for more details.
- David Fleisch, CEAC, is resigning from the CTCDC at the end of this meeting. Refer to page 6 for more details.
- Xavier Maltese is no longer with AAA Northern California. Lena Whittaker has transferred to the AAA Arizona office and is no longer in the Government and Public Affairs Department of AAA. Xavier and Lena will no longer be able to represent AAA Northern California on the CTCDC. AAA Northern California representatives as a Voting Member and as an Alternate Member are both currently vacant. Caltrans is working with AAA Northern California to nominate Voting and Alternate Members to represent them on the CTCDC. AAA Northern California is being contacted to get nominees.

3. Approval of Minutes of the February 2nd, 2023 Meeting

[February 2nd, 2023 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.
- 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 7 through 10 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.



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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		

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>
23-01	Destination Signing Update to Section 2D.37	Caltrans	Yue Wang / Kevin Murai	11
23-02	Scaling of Pavement Word, Symbol, and Arrow Markings	Caltrans	Yue Wang / Robert McNew	11

6c. Informational 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>
22-12	2009 National MUTCD Revision 3 Final Pavement Ruling	Caltrans	Yue Wang / Robert McNew	12
23-03	Legislative Information – Session Year 2023-2024	Caltrans	Yue Wang / Janelle Halog	12

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>
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		None		



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6e. Request for Experimentation

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor/Lead</u>	<u>Page</u>
23-04	Request for Experiment for Left Turn Gates in the City of Los Angeles (K-line)	Los Angeles County Metropolitan Transportation Authority	Robert Scarf / Stephanie Leslie	13
23-05	Request for Experiment for Modified Detail 22	Sonoma County	Robert Bronkall / Johannes Hoevertsz	13
20-12	Request for Extension of Experiment with Orange Striping in Construction Zones	Caltrans District 11	Yue Wang / Brian Hadley	13

7. Next Meeting

- Scheduled for August 3, 2023 in-person in Southern California (City of Rancho Cucamonga).
 - A poll was sent on March 30, 2023 to CTCDC members to select a location preference (Rancho Cucamonga vs. San Diego) for the August 3, 2023 in-person meeting.
 - 11 responses were received with the following results:


Option	Number of Votes Received
City of Rancho Cucamonga Facility	6
Caltrans District Office in San Diego	5

- Discussion on conducting in-person/virtual meetings and future meeting schedules.
- CTCDC Meetings Annual Schedule:
 - February (1st Thursday) – In-Person only meeting, Northern CA location.
 - May (1st Thursday) – Virtual meeting, no In-Person location.
 - August (1st Thursday) – In-Person only meeting, City of Rancho Cucamonga.
 - November (1st Thursday) – Virtual meeting, no In-Person location.

8. Adjourn


2. Membership

- New California Highway Patrol (CHP) Appointment of Lt. Bradley Hopkins, Special Projects Section, as Voting Member representing CHP.



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



March 14, 2023

Lt. Bradley Hopkins
Special Projects Section
California Highway Patrol
601 N. 7th Street
Sacramento, CA 95811

Dear Lt. Hopkins:

Congratulations on your recent appointment by California Highway Patrol (CHP) to represent CHP as a voting member 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.

I will schedule an introductory meeting 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 a voting 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 the following web link:

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

The next CTCDC meeting is scheduled to be conducted on May 4, 2023.

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

Sincerely,

Gurinderpal Bhullar

Gurinderpal (Johnny) Bhullar
Executive Secretary, CTCDC

cc: Jason Welday, Chair, CTCDC
Pratyush Bhatia, 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

- David Fleisch, CEAC, is resigning from the CTCDC at the end of this meeting.

From: Fleisch, David <David.Fleisch@ventura.org>

Sent: Tuesday, April 25, 2023 4:54 PM

To: Bhullar, Gurinderpal S@DOT <johnny.bhullar@dot.ca.gov>; Welday, Jason <Jason.Welday@cityofrc.us>

Cc: Brian Balbas (brian.balbas@pw.cccounty.us) <brian.balbas@pw.cccounty.us>; Robert Scharf <BSCHARF@dpw.lacounty.gov>

Subject: Resigning from the CTCDC

EXTERNAL EMAIL. Links/attachments may not be safe.

Johnny and Jason,

I have already notified CEAC, but this is to inform you that the May 4, 2023 CTCDC meeting will be my last. Since I have changed jobs, I am spending less time on Roads & Transportation issues, especially those related to traffic control devices. So, I felt it best to allow those more in the details of the work to represent the Southern California Counties.

It is up to Brian Balbas, current CEAC President, to fill the position, but I have recommended that Bob Scharf be moved from the alternate to the primary position and a new alternate be selected.

It has been a pleasure serving on the CTCDC.

Dave

David Fleisch P.E.

Assistant Director

- Xavier Maltese is no longer with AAA Northern California. Lena Whittaker has transferred to the AAA Arizona office and is no longer in the Government and Public Affairs Department of AAA. Xavier and Lena will no longer be able to represent AAA Northern California on the CTCDC. AAA Northern California representatives as a Voting Member and as an Alternate Member are both currently vacant. Caltrans is working with AAA Northern California to nominate Voting and Alternate Members to represent them on the CTCDC. AAA Northern California is being contacted to get nominees.
- The current CTCDC brochure can be found at the following link: <https://dot.ca.gov/-/media/dot-media/programs/safety-programs/documents/ctcdc/ctcdc-brochure-a11y.pdf>

5. Updates on items under experimentation

Discussion and direction to agencies on experimentation requests, including:

- Status update on active experiments

Active CTCDC Experiments						
No.	Item #	Description	Agency	Sponsor	CTCDC Meeting Approval	Installation Date
1	16-25	Through lane bicycle box, City of South Pasadena	City of South Pasadena	Mike Sallaberry	9/1/2016	Not Available
2	18-15	Modified 4-section traffic control and R10-15b sign	City of San Diego	Andrew Maximous	8/9/2018	Est. Mar 2025
3	19-08	Non-standard traffic control device for Highway 1 bus on Shoulder	SCCRTC	Yue Wang	8/8/2019	Est. 2024
4	19-11	Red colored transit-only lanes	City of Los Angeles	Jason Welday	11/14/2019	Additional Locations Est. Mid 2023
5	20-08	Modified 4-section traffic control, 3-section bicycle traffic control, and modified R10-15b Sign	City of Imperial Beach	Jason Welday	7/9/2020	Est. late 2024
6	20-09	Variable Speed Advisory (VSA) sign	Caltrans DRISI	Yue Wang	7/9/2020	Not available
7	20-12	Orange contrasted temporary pavement delineation in construction zones	Caltrans District 11	Yue Wang	7/9/2020	Late 2022
8	20-13	Part-time travel on left shoulder	Caltrans District 5	Yue Wang	7/9/2020	Est. 2025

5. Updates on items under experimentation (Continued)

16-25 Request to experiment with through lane bicycle box, City of South Pasadena (Mike Sallaberry)
 Ted Gerber, City of South Pasadena
 Status Date - 01/23/23 - Public Works for the City of South Pasadena has provided a final report prepared by KOA Corporation in December of 2019. We are evaluating the report and its conclusions and will provide a recommendation at the May 2023 meeting.
 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.

18-15 Request for experimentation with modified 4-section traffic control and R10-15b sign (Jason Welday)
 Matthew Capuzzi, San Diego (Chen Ryan Associates)
 Status Date - 3/2/2023 - No change to status. See 9/2/22 update.
 Status Date - 12/15/2022 - No change to status. See 9/2/022 update.
 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.



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- 19-08 Request to Experiment Non-standard traffic control device for Highway 1 bus on Shoulder project (Yue Wang)
Sarah Christiansen, Santa Cruz County Regional Transportation Commission
Status Date - 03/23/2023 - Construction has started on phase 1 and phase 2 is out to bid.
Status Date - 12/15/2022 - No change in status. See 10/24/2022 update.
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.
- 19-11 Request to Experiment Red colored transit-only lanes (Jason Welday)
Tim Frémaux, Los Angeles Department of Transportation
Status Date – 3-23-2023 – LADOT received approval the week of March 19, 2023. In the process of ordering materials.
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.
- 20-08 Request for experimentation with modified 4-section traffic control, 3-section bicycle traffic control, and modified R10-15b Sign (Jason Welday)
Ryan Whipple, P.E., T.E.
City of Imperial Beach
Status Date - 03/23/23 - Requested update. Have not received a response.
Status Date - 1/13/23 - Contractor has been selected and awaiting permits to break ground. Work on selected locations is expected to begin late this year.
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.

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

Jose Camacho Jr.
California Department of Transportation

Status Update - 03/22/2023 - The signs will remain in the field until end of March 2023, planning on removal of the signs the first week in April 2023.

Data Analysis and Final Report writing will follow through the end of the project.

This Project is set to end at the end of May 2023. A Final Report is expected shortly after.

Status Update - 01/12/23 - Variable Speed Advisories Signs were installed at 10 locations along North Bound SR99. We are in the process of collecting data for analysis. The signs will be removed at the end of March 2023. The Project is expected to end at the end of May 2023 with a Final Report shortly after.

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.

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

Troy Bucko-Division of Safety Programs
Brian Hadley, CE, Branch Chief
Caltrans, District 11

Status Date - The District is requesting increasing the application to other stages and additional segments. The request will include a time extension.

Status Date - 11/10/2022 - The District will submit a request to modify the experiment by increasing the application to other stages and segments of the project. The request will include a request for an extension of time for the conclusion of the experiment.

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.



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

Roger D. Barnes, Traffic Operations Branch Chief
Caltrans, District 5 – San Luis Obispo

Status Date - 03/22/23 - The project has completed the 30% construction review and the Ready to List Date is expected to be September 19, 2024.

Status Date - 12/15/22 - The Project is currently in design and has been renamed Five Cities Multimodal Transportation Network Enhancement Project due to multimodal elements added to the project, a park and ride (aka mobility hub), electrification of the hub with solar powered charging stations, a transit stop and parking stalls for the Pismo Preserves overflow parking.

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

- Experimentation Process: <https://dot.ca.gov/-/media/dot-media/programs/safety-programs/documents/ctcdc/f0017778-public-hearing-and-experimentation-request-items-a11y.pdf>
- Sponsor Responsibilities: <https://dot.ca.gov/-/media/dot-media/programs/safety-programs/documents/ctcdc/f0017781-sponsor-guidelines-a11y.pdf>

6. Public Hearing

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

None



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

Item 23-01 Destination Signing Update to Section 2D.37

Recommendation:

Motion by committee to recommend inclusion of the proposed revision to CA MUTCD Section 2D.37, paragraph 21 to clarify authority.

Requesting Agencies/Sponsor:

Kevin Murai, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.

Item 23-02 Scaling of Pavement Word, Symbol, and Arrow Markings

Recommendation:

Motion by committee to recommend inclusion of the proposed changes to the CA MUTCD Section 3B.20, paragraph 11 to allow reinstatement of original language from the National MUTCD and inclusion of additional paragraph #11a. See details below.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.

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

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

Recommendation:

None.

This is an informational item that is being continued from the previous meeting to make agencies aware of FHWA's issuance of the Final Rule revising National MUTCD 2009 Edition. If agencies have completed their reviews and members are prepared to discuss the details of this National MUTCD 2009 Revision 3, this item can be brought back to the committee as an action item. California has 2 years from the effective date (9/6/2022) to adopt this final rule by incorporation it into California MUTCD (CA MUTCD).

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Yue Wang, CTCDC member

The information item is provided as attachment to the agenda.

Item 23-03 Legislative Information for Session Year 2023-2024

Recommendation:

None.

Requesting Agencies/Sponsor:

Johnny Bhullar, Caltrans / Yue Wang, CTCDC member

The information item is provided as attachment to the agenda.

6d. Request for Word Message Signs Approval

None

6e. Request for Experimentation

Item 23-04 Request for Experiment for Left Turn Gates in the City of Los Angeles (K-line)

Recommendation:

Motion by committee to approve request for experiment to conduct a demonstration of “Left Turn Gates” to supplement existing traffic signals along Crenshaw Blvd. in the City of Los Angeles adjacent to the rail tracks for the K-line, a Light Rail system operated by LACMTA.

Requesting Agencies/Sponsor:

Stephanie Leslie, Los Angeles County Metropolitan Transportation Authority / Robert Scarf, CTCDC Member

The request for experiment is provided as attachment to the agenda.

Item 23-05 Request for Experiment for Modified Detail 22

Recommendation:

Motion by committee to approve the request for experiment to implement a modified version of striping Detail 22 on North Fitch Road and South Fitch Road in Sonoma County.

Requesting Agencies/Sponsor:

Johannes Hoevertsz, Sonoma County / Yue Wang, CTCDC Member

The request for experiment is provided as attachment to the agenda.

Item 20-12 Request for Extension of Experiment with Orange Striping in Construction Zones

Recommendation:

Motion by committee to continue with a modified experiment on I-5 NCC Segment 4 construction, orange contrasting the temporary lane line striping of the freeway main lanes. In both the northbound and southbound directions, Alternative 1 detail (16’ orange paint contrast line preceding standard 12’ white paint lane line) will be used.

Requesting Agencies/Sponsor:

Brian Hadley, Caltrans District 11 / Yue Wang, CTCDC Member

The request for experiment extension is provided as attachment to the agenda.



California Traffic Control Devices Committee (CTCDC) Meeting
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7. Next Meeting

- Scheduled for August 3, 2023 in-person in Southern California (City of Rancho Cucamonga).
 - A poll was sent on March 30, 2023 to CTCDC members to select a location preference (Rancho Cucamonga vs. San Diego) for the August 3, 2023 in-person meeting.
 - 11 responses were received with the following results:

Option	Number of Votes Received
City of Rancho Cucamonga Facility	6
Caltrans District Office in San Diego	5

- Discussion on conducting in-person/virtual meetings and future meeting schedules.
- CTCDC Meetings Annual Schedule:
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 - August (1st Thursday) – In-Person only meeting, City of Rancho Cucamonga.
 - November (1st Thursday) – Virtual meeting, no In-Person location.

8. Adjourn