



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, November 2, 2023 (9:00 am to End)



MEETING AGENDA

Meeting Location

Webex Link: <https://cadot.webex.com/cadot/j.php?MTID=m7dfe3361391a689d9c4983318c0ae5cb>

The Meeting is open and public/local agencies are invited to attend. For further information regarding this meeting, please contact **Timothy Kong** at timothy.kong@dot.ca.gov. Additional information on CTCDC can be found at <https://dot.ca.gov/programs/safety-programs/ctcdc>.

Organization Items

1. Introductions

Please state:

- Your name
- Organization you are representing
- Your CTCDC Role: Voting/Alternate Member, Committee Staff, Presenter, etc.

2. Membership

- California Highway Patrol (CHP) appointment of Melainie Boyack, Staff Services Manager, as Alternate Member representing CHP
- Florencia Allenger has replaced Johnny Bhullar as Alternate Member representing Caltrans
- Refer to page 4 for more details

3. Approval of Previous Meeting's Minutes

[August 3, 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.
 - 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.
 - Public comment on agenda item shall be limited to 3 minutes.
 - 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.
 - Longer comments should be provided in writing 10 days prior to the meeting.



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- 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 timothy.kong@dot.ca.gov

5. Items under Experimentation

- Discussion and direction to agencies on experimentation requests, including:
 - Status updates on active experiments
 - Experimentation Process
 - Sponsor Responsibilities
- Refer to pages 5-8 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			

6b. Action Items (Continuing or new items with vote expected)

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor/Lead</u>	<u>Page</u>
20-12	Orange Contrast Temporary Pavement Delineation in Construction Zones	Caltrans	Yue Wang / Florenca Allenger	9
23-11	Revise the restriction of using Light Emitting Diode (LED) units in the border of signs	Caltrans	Yue Wang / Kevin Murai	9



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23-12	Revision required by AB1320 to CA MUTCD Table 2D-102(CA)	Caltrans	Yue Wang / Kevin Murai	9
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6c. Informational Items (Continuing or new items that may be 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>
23-03	Legislative Information – Session Year 2023-2024	Caltrans	Yue Wang / Timothy Kong	10
23-10	CTCDC Agenda Items Status	Caltrans	Yue Wang / Timothy Kong	10

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			

6e. Request for Experimentation

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by:</u>	<u>Sponsor/Lead</u>	<u>Page</u>
20-10	Closure of Experiment for “Red Signal Ahead” Warning Sign	City of Glendora	Jason Welday / Timothy Kong	10
20-12	Closure of Experiment on Orange Contrast Temporary Pavement Delineation in Construction Zones	Caltrans	Yue Wang / Florencia Allenger	11
23-13	Experiment Request for Orange Contrast Temporary Pavement Delineation in Construction Zones	Caltrans	Yue Wang / Florencia Allenger	11


7. Next Meeting

- Scheduled for February 1, 2024, in-person at a Northern California location (TBD)
- 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, Southern CA location.
 - November (1st Thursday) – Virtual meeting, no In-Person location.

8. Adjourn


2. Membership

- California Highway Patrol (CHP) appointment of Melainie Boyack, Staff Services Manager, as Alternate 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



October 10, 2023

Melainie Boyack, Staff Services Manager
Special Projects Section
California Highway Patrol
601 N. 7th Street
Sacramento, CA 95811

Dear Melainie,

Congratulations on your recent appointment by California Highway Patrol (CHP) represent CHP as an alternate member on the California Traffic Control Devices Committee (CTCDC). I would like to welcome you to 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 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 the following web link:

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

The next CTCDC meeting is scheduled to be conducted on November 2, 2023.

If you have any questions, please feel free to call me at (916) 261-3277.

Sincerely,


Timothy Kong Oct 10, 2023 09:29 PDT

Timothy Kong
Alternate 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, 1120 N Street (MS-36), Sacramento, CA 95814

- Florencia Allenger has replaced Johnny Bhullar as Alternate Member representing Caltrans
- 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-20231010-a11y.pdf>

5. Updates on items under experimentation

Discussion and direction to agencies on experimentation requests, including status updates on active experiments.

Active CTCDC Experiments					
Item #	Description	Agency	Sponsor	CTCDC Meeting Approval	Installation Date
18-15	Modified 4-section traffic control and R10-15b sign	City of San Diego	Andrew Maximous	8/9/2018	Est. Mar 2025
19-08	Non-standard traffic control device for Highway 1 bus on Shoulder	SCCRTC	Yue Wang	8/8/2019	Est. 2024
19-11	Red colored transit-only lanes	City of Los Angeles	Jason Welday	11/14/2019	Not available
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
20-09	Variable Speed Advisory (VSA) sign	Caltrans DRISI	Yue Wang	7/9/2020	Not available
20-12	Orange contrasted temporary pavement delineation in construction zones	Caltrans District 11	Yue Wang	7/9/2020	Late-2022
20-13	Part-time travel on left shoulder	Caltrans District 5	Yue Wang	7/9/2020	Est. 2025
23-04	Left Turn Gates in the City of Los Angeles	Los Angeles County Metropolitan Transportation Authority	Robert Scharf	5/4/2023	Est. Sept 2023
23-05	Modified Detail 22	Sonoma County Department of Public Infrastructure	Robert Bronkall	5/4/2023	Awaiting FHWA Approval

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

Matthew Capuzzi, San Diego (Chen Ryan Associates)

Status Date – 9/27/23 – No change to status. See 3/2/23 update.

Status Date – 9/2/22 – The installation of equipment will take place in March 2025 and the experimentation period is from March 2025 to March 2026.

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 – 7/19/23 – Phase 1 Construction is ongoing, phase 2 will start construction this fall. Phase 3 project is scheduled to finish PA/ED this fall.

Status Date – 3/23/23 – Construction has started on phase 1 and phase 2 is out to bid.

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,



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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 – 10/23/23 – No change in status. Still working on procurement of materials, but they are getting closer.

Status Date – 7/12/23 – Still working on the procurement of materials.

Status Date – 3/23/23 – LADOT received FHWA approval the week of March 19, 2023. In the process of ordering materials.

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 – 10/23/23 – No change in status. See 7/12/23 status.

Status Date – 7/12/23 – Construction has begun on the entire project. Installation is expected to occur between April and October of 2024.

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.

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

Jose Camacho Jr., California Department of Transportation

Status Date – 10/3/23 – All data analysis has completed and the Researcher just completed the Draft Final Report. The Final Report will be shared once received.

Status Date – 7/12/23 – All signs were removed in April. They expect to complete the final report within the next couple of weeks.

Status Update – 3/22/23 – 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.

20-12 Request for approval of Orange Contrast Temporary Pavement Delineation in Construction Zones (Yue Wang)

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



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Status Date – 10/12/23 – UC Davis research team completed final report and will present at the 11/2/23 CTCDC meeting. Will request closure of the experiment and incorporation into the CA MUTCD.

Status Date – 7/12/23 – The request for the extension has been received by FHWA. Installation is anticipated in mid-August 2023.

Status Date – 5/4/23 – The District is requested increasing the application to other stages and additional segments. The request included a time extension. The Committee approved the district request.

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 – 10/2/23 – The project team (PDT) is in the process in finalizing the 60% Complete Design (PS&E) for PDT review. They are still targeting a Fall 2024 RTL, with September 2024 still appearing very reasonable.

Status Date – 7/12/23 – RTL is still expected to be September of 2024. The project has been awarded significant funding from SB-1 funds.

Status Date – 3/22/23 – The project has completed the 30% construction review and the Ready to List Date is expected to be September 19, 2024.

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

Ramiro Reyes, Los Angeles County Metropolitan Transportation Authority

Status Date – 10/3/23 – Still working with CPUC on the GO-88 application and have installed one gate on NB Crenshaw and 59th St. The contractor is going to provide a construction schedule soon for the rest of the gates.

Status Date – 7/13/23 – LACMTA has received approval from FHWA. Demolition for the first location has begun and anticipates installation is September 2023.

Status Date – 5/4/23 – The Los Angeles County Metropolitan Transportation Authority presented a request to Place Left Turn Gates to supplement existing traffic signals in the City of Los Angeles. The Committee approved the experiment at the May 4, 2023 meeting.

23-05 Request for Experiment for Modified Detail 22 (Robert Bronkall)

Johannes Hovertsz, Sonoma County Public Infrastructure

Status Date – 10/2/23 – Sonoma County submitted their request for FHWA approval.

Status Date – 7/12/23 – The County is still working on the request for approval from FHWA. Decided to update the AADT counts before submitting the application.



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Status Date – 5/4/23 – Sonoma County Public Infrastructure presented a request to place Modified Detail 22 on North Finch Road and South Finch Road in Sanoma County. The Committee approved the experiment at the May 4, 2023 meeting and the County is awaiting FHWA approval for the experiment.

- 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

6b. Action Items (Continuing and new items with vote expected)

- **Item 20-12 Orange Contrast Temporary Pavement Delineation in Construction Zones**

Recommendation:

Motion by committee to recommend inclusion of the proposed revision to CA MUTCD Section 3A.05 to incorporate temporary orange contrasted pavement delineation into the manual.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.

- **Item 23-11 Revise the restriction of using Light Emitting Diode (LED) units in the border of signs**

Recommendation:

Motion by committee to recommend inclusion of the proposed revision to CA MUTCD Section 2A.07, paragraph 06 and Table 2A-1 to revise the restriction of using Light Emitting Diode (LED) units in the border of signs.

Requesting Agencies/Sponsor:

Kevin Murai, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.

- **Item 23-12 Revision required by AB1320 to CA MUTCD Table 2D-102(CA)**

Recommendation:

Motion by committee to the proposed revision required by AB1320 to CA MUTCD Table 2D-102(CA) allowing supplemental destination signs for publicly owned and private nonprofit museums with a minimum annual attendance of 50,000 persons, regardless if the museum is in a major metropolitan area, urbanized area or rural area.

Requesting Agencies/Sponsor:

Kevin Murai, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.

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

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

Recommendation:

None.

Requesting Agencies/Sponsor:

Timothy Kong, Caltrans / Yue Wang, CTCDC member

The informational item is provided as attachment to the agenda.

- **Item 23-10 CTCDC Agenda Items Status**

Recommendation:

None.

Requesting Agencies/Sponsor:

Timothy Kong, Caltrans / Yue Wang, CTCDC member

The informational item is provided as attachment to the agenda.

6d. Request for Word Message Signs Approval

None

6e. Request for Experimentation

- **Item 20-10 Request for Closure of Experiment on "RED SIGNAL AHEAD" Warning Sign**

Recommendation:

Motion by committee to approve closure of this experiment based on the FHWA declining to approve experimentation request dated July 21, 2020 and email by Robert McNew dated July 26, 2023.

Requesting Agencies/Sponsor:

City of Glendora / Jason Welday, CTCDC Chairman

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

- **Item 20-12** **Closure of Experiment on Orange Contrast Temporary Pavement Delineation in Construction Zones**

Recommendation:

Motion by committee to approve closure of this experiment based on the September 2023 final report.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.

- **Item 23-13** **Experiment Request for Orange Contrast Temporary Pavement Delineation in Construction Zones**

Recommendation:

Motion by committee to approve Experiment Request for Orange Contrast Temporary Pavement Delineation in Construction Zones for Caltrans District 10.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Yue Wang, CTCDC member

The proposal is provided as attachment to the agenda.

7. Next Meeting

- Scheduled for February 1, 2024, in-person at a Northern California location
 - Location TBD, discuss possible options
- CTCDC Meetings Annual Schedule:
 - February (1st Thursday) – In-Person meeting, Northern CA location.
 - May (1st Thursday) – Virtual meeting, no In-Person location.
 - August (1st Thursday) – In-Person meeting, Southern CA location.
 - November (1st Thursday) – Virtual meeting, no In-Person location.

8. Adjourn