



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, August 1, 2024 (9:00 am to End)



MEETING AGENDA

Meeting Location

Webex Link: <https://cadot.webex.com/cadot/j.php?MTID=m23f937f6fe3a99a8a39babceee8dddf8>

The Meeting is open and public/local agencies are invited to attend. For further information regarding this meeting, please contact **Florencia Allenger** at florencia.allenger@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

- The current CTCDC membership and information can be found at the following link: <https://dot.ca.gov/programs/safety-programs/ctcdc>

3. Approval of Previous Meeting's Minutes

[May 2, 2024 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.
- 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.



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- 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 florencia.allenger@dot.ca.gov

5. Experimentation Items

- Discussion and direction to agencies on experimentation requests, including:
 - Status updates on active experiments
 - Experimentation Process
 - Sponsor Responsibilities
- Refer to pages 4-6 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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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>
24-06	Color of Permanent Channelizers	Hanh-Dung Khuu, Caltrans D11	Kevin Murai / Hanh-Dung Khuu, Caltrans D11	7
24-07	Additional Orange Band on Cones	Larry Schwartz, Caltrans	Larry Schwartz, Caltrans	7



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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	Florencia Allenger, Caltrans	Kevin Murai / Florencia Allenger, Caltrans	8
23-10	CTCDC Agenda Items Status	Florencia Allenger, Caltrans	Kevin Murai / Florencia Allenger, Caltrans	8
24-08	Caltrans Status Updates for NMUTCD 11th Edition Adoption and CA MUTCD 2026 Development	Kevin Murai, Caltrans	Kevin Murai / Johnny Bhullar, Caltrans	8

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>
24-09	BICYCLES / SCOOTERS/ MOTORCYCLES/ MOTOR-DRIVEN CYCLES Signs	Noel Casil, City of Rancho Palos Verdes	Kevin Murai, Caltrans / Claude Strayer, Fehr & Peers	8

6e. Request for Experimentation

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by</u>	<u>Sponsor / Lead</u>	<u>Page</u>
20-12	Request for Amendment to Experiment on Orange Contrast Temporary Pavement Delineation	Florencia Allenger, Caltrans	Kevin Murai, Caltrans / Florencia Allenger, Caltrans	9

7. Next Meeting

- Scheduled for November 7, 2024
 - In-person meeting in Southern CA (Location TBD)
- CTCDC Meetings 2024 Annual Schedule:
 - February (1st Thursday) – Virtual meeting, no In-Person location
 - May (1st Thursday) – Virtual meeting, no In-Person location
 - August (1st Thursday) – Virtual meeting, no In-Person location
 - November (1st Thursday) – In-Person only meeting, Southern CA location

8. Adjourn

5. Experimentation Items (Details)

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

Active CTCDC Experiments					
Item #	Description	Agency	Sponsor	CTCDC Approval	Installation Date
18-15	Modified 4-section Traffic Control and R10-15b Sign	City of San Diego	Andrew Maximous	8/9/2018	Est. March 2025
19-08	Non-standard Traffic Control Device for Highway 1 Bus on Shoulder	SCCRTC (Santa Cruz County)	Kevin Murai	8/8/2019	Est. 2024 (Phases 1 and 2), Est. 2026 (Phase 3)
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	Kevin Murai	7/9/2020	N/A
20-13	Part-time Travel on Left Shoulder	Caltrans District 5	Kevin Murai	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	September 2023 - 1 gate installed. Est. June 2024 for other gates.
23-05	Modified Detail 22	Sonoma County Department of Public Infrastructure	Robert Bronkall	5/4/2023	N/A
24-04	Red Paint Alternatives for Bus Only Lane	City of Oakland	Virendra Patel	5/2/2024	N/A

18-15 Request to Experiment with Modified 4-section Traffic Control and R10-15b Sign

Sponsor: Andrew Maximous

Contact: Tomo Takahashi (Chen Ryan Associates)

Status Date – 7/1/24 – No changes to schedule. See 9/2/22 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 with Non-standard Traffic Control Device for Highway 1 Bus on Shoulder Project

Sponsor: Kevin Murai

Contact: Sarah Christiansen (Santa Cruz County Regional Transportation Commission)

Status Date – 1/10/24 – Phases 1 & 2 are under construction. Phase 3 completed PA/ED and is at 95% PS&E. Construction on Phase 3 is scheduled to begin in 2026.

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.

20-08 Request to Experiment with Modified 4-section Traffic Control, 3-section Bicycle Traffic Control, and Modified R10-15b Sign

Sponsor: Jason Welday

Contact: Debby Reece, Joe De La Garza (WSP)

Status Date – 7/1/24 – The current construction schedule shows a completion with final signal turn on in March 2025.



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Status Date – 2/19/24 – No further updates. Ryan Whipple no longer the contact. Joe De La Garza and Debby Reece now managing the project.

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

20-09 Request to Experiment with Variable Speed Advisory (VSA) Sign

Sponsor: Kevin Murai

Contact: Jose Camacho Jr. (Caltrans)

Status Date – 3/26/24 – The draft final report is now the “final” Final Report. The project has ended, and retention invoice has been submitted. The project is not officially “closed” as we are working on this aspect but will be completed soon.

Status Date – 1/17/24 – This project has ended. The researcher sent the draft final report. And we are working on the close out process for this project.

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.

20-13 Request to Experiment with Part-time Travel on Left Shoulder

Sponsor: Kevin Murai

Contact: Paul Valadao (Caltrans)

Status Date – 7/3/24 – We are on the precipice of a 95% PS&E review and still targeting a late October RTL.

Status Date – 3/19/24 – 95% Complete Design (PS&E) is slated for late Spring (May) 2024. This too will include an interagency review simultaneously. This interagency review included the affected City (Pismo Beach), County of San Luis Obispo, CHP, and San Luis Obispo Council of Governments. The PDT is very much focused on delivery of a Fall 2024 RTL.

Status Date – 1/3/24 – 60% Complete Design (PS&E) is now concluded. The PDT completed an interagency review simultaneously with the 60% Complete Design (PS&E) is now included. This interagency review included the affected City (Pismo Beach), County of San Luis Obispo, CHP, and San Luis Obispo Council of Governments. The PDT is now focused on delivery of 95% Complete Design (PS&E) and a Fall 2024 RTL.

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

Sponsor: Robert Scharf

Contact: Ramiro Reyes (Los Angeles County Metropolitan Transportation Authority)

Status Date – 7/5/24 – Metro’s sub met with LADOT on 6/26/24, in order to go over their comments on the proposed wiring diagram for the left turn gates. The sub will be addressing LADOT’s comments and resubmitting ASAP. Once the wiring diagram has been approved by LADOT, Metro will go ahead and submit the GO-88 application. The foundation issue was resolved, and the contractor has currently placed concrete at (8) out of the total of (12) foundations. The contractor is also working with Metro and the City for permission to start pulling wire once the diagram has been finalized. As of today, only (1) pedestal has been installed and it does not have the arm attached. We are looking at another 4-8 weeks of work remaining.

Status Date – 3/19/24 – Metro’s EOR is currently working on the wiring diagram so that it can be included in the GO-88 application. In terms of additional construction work, our contractor stopped work on the left turn gates due to an issue with how to properly mount the foundations

on our existing ballast wall. Our EOR is waiting for final approval from the City, so that they can start working on the installation within the next couple of weeks. Once the contractor is allowed to start work again, we expect them to finish in a couple of months.

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.

23-05 Request to Experiment with Modified Detail 22

Sponsor: Robert Bronkall

Contact: Johannes Hoevertsz (Sonoma County Public Infrastructure)

Status Date – 7/21/24 – Delaying striping project for now. Still waiting to see if the striping will be included in the upcoming CA National MUTCD adoption process.

Status Date – 3/19/24 – The Federal Highway Administration (FHWA) determined the requested centerline markings and raised pavement markers meet the provisions in the National MUTCD. The placement of the raised pavement markers described in the request are consistent with the provisions found in Section 3B.12 paragraph 01 and Section 3B.13 paragraph 01 Item A.1. *The proposed centerline markings and raised pavement markers do not meet the provisions of the current CA MUTCD (2014, Revision 8), so Sonoma County will still need to continue with the experiment.

Status Date – 1/2/24 – Still waiting for FHWA approval.

24-04 Red Paint Alternatives for Bus Only Lane

Sponsor: Virendra Patel

Contact: Randy Durrenberger (Kimley-Horn)

Status Date – 7/9/24 – Our request to FHWA was submitted on June 9th. Our team is awaiting a response and we are coordinating with Caltrans to help streamline that process.

Status Date – 5/9/24 – Received the attached email today from FHWA indicating that we do not need to request experimentation for Alternative 1 – full width red paint for 75-100' since it is included in the MUTCD 11th Edition. I assume this is sufficient for our project to proceed with Alternative 1. We will still submit a request to FHWA for Alternative 2: 4' red paint in center of transit lane.

Status Date – 5/2/24 – Request for experiment approved by CTCDC, for alternatives 1 and 2, contingent on FHWA approval

- 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/>

6b. Action Items (Details)

• **Item 24-06 Color of Permanent Channelizers**

Recommendation:

Motion by committee to recommend inclusion of the proposed revision to CA MUTCD Section 3H.01 Channelizing Devices, to allow the color of permanent channelizers to match the color of pavement markings that they supplement.

Requesting Agencies/Sponsor:

Hanh-Dung Khuu, Caltrans District 11 / Kevin Murai, Caltrans

The proposal is provided as an attachment to the agenda.

• **Item 24-07 Additional Orange Band on Cones**

Recommendation:

Motion by committee to recommend inclusion of the proposed revision to CA MUTCD Section 6F.64, to allow for an additional orange retroreflective band to be used on cones.

Requesting Agencies/Sponsor:

Larry Schwartz, Caltrans / Kevin Murai, Caltrans

The proposal is provided as an attachment to the agenda.

6c. Informational Items (Details)

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

Recommendation:

None.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Kevin Murai, Caltrans

The informational item is provided as an attachment to the agenda.

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

Recommendation:

None.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Kevin Murai, Caltrans

The informational item is provided as an attachment to the agenda.



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- **Item 24-08** **Caltrans Status Updates for NMUTCD 11th Edition Adoption and CA MUTCD 2026 Development**

Recommendation:

None.

Requesting Agencies/Sponsor:

Kevin Murai, Caltrans / Kevin Murai, Caltrans

The informational item is provided as an attachment to the agenda.

6d. Word Message Sign Items (Details)

- **Item 24-09** **BICYCLES / SCOOTERS/ MOTORCYCLES/ MOTOR-DRIVEN CYCLES Signs**

Recommendation:

Motion by the committee to recommend inclusion of the proposed "NO BICYCLES / SCOOTERS/ MOTORCYCLES/ MOTOR-DRIVEN CYCLES" signs to CA MUTCD Chapter 2B (changes to the CA MUTCD Figure 2B-11 and Section 2B.39) and inclusion of the proposed " NO BICYCLES / SCOOTERS/ MOTORCYCLES/ MOTOR-DRIVEN CYCLES detour signs to CA MUTCD Chapter 6F (changes to the CA MUTCD Figure 6F-5 and Section 6F.59).

Requesting Agencies/Sponsor:

Noel Casil, City of Rancho Palos Verdes / Kevin Murai, Caltrans

The proposal is provided as an attachment to the agenda.

6e. Experimentation Items (Details)

- **Item 20-12** **Request for Amendment to Experiment on Orange Contrast Temporary Pavement Delineation**

Recommendation:

Motion by committee to approve amendment to CTCDC Experiment 20-12 – "Orange Contrasted Temporary Pavement Delineation in Construction Zones" [and FHWA experiment 6(09)-59(E) - Orange Contrast Temporary Pavement Markings - CA DOT], continuing to experiment with orange contrast temporary pavement delineation at 4 additional locations.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Kevin Murai, Caltrans

The informational item is provided as an attachment to the agenda.