



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, November 7, 2024 (9:00 am to End)



MEETING AGENDA

Meeting Location

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>
- Amjad Obeid has replaced Kevin Murai as Caltrans Voting Member
- Timothy Kong has replaced Bryan Luong as Alternate CTCDC Secretary

3. Approval of Previous Meeting's Minutes

[August 1, 2024 CTCDC Meeting Minutes](#)

[September 3, 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.



California Traffic Control Devices Committee (CTCDC) Meeting
Thursday, November 7, 2024 (9:00 am to End)



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

Agenda Item	Description	Submitted by	Sponsor / Lead	Page
24-11	Review and Finalize CA MUTCD 2026, Part 5	Stan Slavin / Johnny Bhullar, Caltrans	Amjad Obeid / Johnny Bhullar, Caltrans	9
24-12	Review and Finalize CA MUTCD 2026, Part 7	Florencia Allenger / Johnny Bhullar, Caltrans	Amjad Obeid / Johnny Bhullar, Caltrans	9
24-13	Tsunami Hazard Zone Signs	Andreas Krause, Caltrans	Amjad Obeid / Andreas Krause, Caltrans	9
24-14	Safety Corridor Definition Requirements	Laura Wells, City of San Jose	Pratyush Bhatia, City of Dublin / Laura Wells, City of San Jose	9
24-16	SB 1216 Shared Lane Marking Usage	Florencia Allenger, Caltrans	Amjad Obeid / Florencia Allenger, Caltrans	10

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

Agenda Item	Description	Submitted by	Sponsor / Lead	Page
23-03	Legislative Information – Session Year 2023-2024	Florencia Allenger, Caltrans	Amjad Obeid / Florencia Allenger, Caltrans	10
23-10	CTCDC Agenda Items Status	Florencia Allenger, Caltrans	Amjad Obeid / Florencia Allenger, Caltrans	10
24-08	Caltrans Status Updates for NMUTCD 11th Edition Adoption and CA MUTCD 2026 Development	Amjad Obeid, Caltrans	Amjad Obeid / Johnny Bhullar, Caltrans	10
24-15	CA Supplement LA28	Tasha Higgins, Caltrans	Amjad Obeid / Tasha Higgins, Caltrans	10



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, November 7, 2024 (9:00 am to End)



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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6e. Request for Experimentation

<u>Agenda Item</u>	<u>Description</u>	<u>Submitted by</u>	<u>Sponsor / Lead</u>	<u>Page</u>
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7. Next Meeting

- Scheduled for **February 6, 2025**
 - Discuss Location
 - CTCDC Chairperson and Vice Chairperson elections will be held at the next meeting
 - Based on [CTCDC Bylaws Article IV, Section 2](#):
The chairperson and vice chairperson shall be nominated, elected, and take office at the first meeting in the calendar year of the two-year term. Representatives of the California Highway Patrol and the California Department of Transportation are not eligible to be chairperson or vice chairperson.
- Proposed CTCDC Meetings 2025 Annual Schedule:
 - February (1st Thursday) – Virtual meeting
 - May (1st Thursday) – In-Person in Northern CA location
 - August (1st Thursday) – Virtual meeting
 - November (1st Thursday) – In-Person in 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 Passing Motion	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)	Amjad Obeid	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. March 2025
20-09	Variable Speed Advisory (VSA) Sign	Caltrans DRISL	Amjad Obeid	7/9/2020	N/A
20-12	Orange Contrast Temporary Pavement Delineation in Construction Zones (Amendment)	Caltrans HQ	Amjad Obeid	8/1/2024	N/A
20-13	Part-time Travel on Left Shoulder	Caltrans District 5	Amjad Obeid	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. Working on wiring diagram.
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: Amjad Obeid

Contact: Brian Zamora (Santa Cruz County Regional Transportation Commission)

Status Date – 10/10/24 – No changes to schedule. Brian Zamora has replaced Sarah Christensen as the experiment contact.

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.

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 – 10/17/24 – No new updates. Construction completion is still planned for March 2025.

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

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: Amjad Obeid

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.

20-12 Request to Amend Experiment with Orange contrasted temporary pavement delineation

in construction zones

Sponsor: Amjad Obeid

Contact: Florencia Allenger (Caltrans)

Status Date – 10/1/24 – Amendment to experiment (adding 4 new locations) request was submitted to FHWA HQ. Caltrans HQ met with Caltrans Districts, and Sac State and UC Davis researchers.

Status Date – 8/1/24 – Passing motion from CTCDC to amend experiment 20-12. Add 4 new locations.

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

Sponsor: Amjad Obeid

Contact: Paul Valadao (Caltrans)

Status Date – 10/17/24 – The 95% complete design review was completed last month. A Coastal Development Permit was approved from the Coastal Commission last week. The project is in the nuanced array of tasks towards achieving RTL by Spring 2025.

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.

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 – 10/17/24 – The City is still reviewing the wiring diagram as well as the testing procedure. We are having a meeting with CPUC and LADOT on 10/18/24 to discuss the status of the review as well as the actual GO-88B application.

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.

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 24-11 Review and Finalize CA MUTCD 2026, Part 5**

Recommendation:

Motion by committee to approve CA MUTCD 2026 Part 5 titled “Traffic Control Device Considerations for Automated Vehicles” draft document and include it in CA MUTCD 2026 version that is being prepared to adopt Federal Highway Administration’s National MUTCD 2023 (11th Edition) before the January 18, 2026, deadline.

Requesting Agencies/Sponsor:

Stan Slavin & Johnny Bhullar (Caltrans) / Amjad Obeid, CTCDC Member

The proposal is provided as an attachment to the agenda.

- **Item 24-12 Review and Finalize CA MUTCD 2026, Part 7**

Recommendation:

Motion by committee to approve CA MUTCD 2026 Part 7 titled “Traffic Control for School Areas” draft document and include it in CA MUTCD 2026 version that is



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, November 7, 2024 (9:00 am to End)



being prepared to adopt Federal Highway Administration's National MUTCD 2023 (11th Edition) before the January 18, 2026, deadline.

Requesting Agencies/Sponsor:

Florencia Allenger & Johnny Bhullar (Caltrans) / Amjad Obeid, CTCDC Member
The proposal is provided as an attachment to the agenda.

- **Item 24-13 Tsunami Hazard Zone Signs**

Recommendation:

Motion by the committee to recommend inclusion of three Tsunami Hazard Zone signs (SG61A(CA), SG61B(CA) and SG61C(CA)) to a new Section 2N.101(CA) to Chapter 2N of the CAMUTCD revision 8 and add a note to Table 2N-1.

Requesting Agencies/Sponsor:

Andreas Krause, Caltrans District 1 / Amjad Obeid, CTCDC Member
The proposal is provided as an attachment to the agenda.

- **Item 24-14 Safety Corridor Definition Requirements**

Recommendation:

Motion by committee to approve amendments to CA MUTCD Table 2B-105(CA) Safety Corridor Definition Requirements.

Requesting Agencies/Sponsor:

Laura Wells, City of San Jose / Pratyush Bhatia, CTCDC Member
The proposal is provided as an attachment to the agenda.

- **Item 24-16 SB 1216 Shared Lane Marking Usage**

Recommendation:

Motion by committee to recommend inclusion of the proposed revision to CA MUTCD Section 9C.07, to prohibit installing new Shared Lane Markings on a roadway that has a posted speed limit greater than 30 miles per hour except at or near an intersection for the purpose of connecting a Class I, Class II, or Class IV bikeway through the intersection.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Amjad Obeid, CTCDC Member
The proposal is provided as an attachment to the agenda.

6c. Informational Items (Details)

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



California Traffic Control Devices Committee (CTCDC) Meeting

Thursday, November 7, 2024 (9:00 am to End)



Recommendation:

None.

Requesting Agencies/Sponsor:

Florencia Allenger, Caltrans / Amjad Obeid, CTCDC Member

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 / Amjad Obeid, CTCDC Member

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

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

Recommendation:

None.

Requesting Agencies/Sponsor:

Amjad Obeid, Caltrans / Amjad Obeid, Caltrans

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

- **Item 24-15 CA Supplement LA28**

Recommendation:

None.

Requesting Agencies/Sponsor:

Tasha Higgins, Caltrans / Amjad Obeid, CTCDC Member

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