



**California Traffic Control Devices Committee (CTCDC)
Agenda Item Report**



Meeting Date: May 7, 2026 Item Number: 26-06	From: Jerry Champa, Caltrans
Sponsored By: Devang Vora, Caltrans	Presented By: Jerry Champa, John Liu, and Jaime Quesada, Caltrans
<p>Description: Information item to solicit comments and general input on a concept proposal to revise the CA MUTCD to formally recognize:</p> <ol style="list-style-type: none"> 1. Roundabouts as a traffic control strategy which requires the installation of a traffic control device (a <i>Yield</i> sign) at each entry to a circular or oval-shaped intersection 2. Caltrans <i>Intersection Safety & Operations Assessment (ISOAP) Guide</i> as a source of engineering studies required to inform the selection of the appropriate or optimal control strategy at certain intersections. ISOAP replaced the Intersection Control Evaluation policy directive in 2024. 	

Recommendation:

None.

Background:

A Strategic Action concept proposal will be submitted to the California Strategic Highway Safety Plan Update Committee in May. The proposal will describe one or more examples of where and how roundabout policy, standards, options or guidance and ISOAP will be incorporated within the CAMUTCD, such as the following:

- Part 4A: **Highway Traffic Signals** (*Intersection Signals* will be covered in Part 4B)
- Part 4B: **Intersection Control Strategies and Study Requirements** to describe the role of performance analysis, warrant studies and engineering judgment in deciding (selecting) the appropriate or optimal intersection control strategy.

The objective of four SHSP High Priority Area Work Teams is to increase the consideration and installation of roundabouts as a top-performing Safe System Intersection (for all road users) because they:

- eliminate severe crossing and left-turn conflicts
- reduce vehicles speeds prior to conflict points
- separate and simplify the *vehicle vs pedestrian crossing* conflict to “one short separate crossing at a time”



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- prevent 90% or more of fatal crashes which occur at signal and stop-controlled intersections

Attachment:

Attachment A – PowerPoint presentation slides on the fundamental revisions and supporting information, performance data and research



ATTACHMENT A



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Attachment A – PowerPoint presentation slides on the fundamental revisions and supporting information, performance data and research

See following pages

INFORMATION ITEM

CA MUTCD Revision Concept Proposal

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Revision Concepts:

- 1. Formally adopt and integrate Roundabouts as one of 4 (or more) Intersection Traffic Control Strategies**
- 2. *Update the reference to Intersection Control Evaluation***
- 3. Expand the role of ISOAP as a recommended source of *engineering studies to inform the* selection of the appropriate or optimal “strategy”**

Why?

INFORMATION ITEM
CA MUTCD Revision Concept Proposal
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BACKGROUND

- ◆ Source of proposal
- ◆ History
 - ◆ Previous proposal and feedback
- ◆ **Purpose**
- ◆ **Need**
- ◆ Existing content

INFORMATION ITEM

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EXISTING CONTENT

ROUNDBABOUTS

- ◆ Roundabout Definition
- ◆ Signs and Markings (Parts 2 and 3)
- ◆ Roundabouts in Part 4
 - ◆ one of numerous alternatives to intersection traffic signals

ICE (now ISOAP, 2024)

- ◆ Referenced as a “study requirement” triggered by proposals to pursue the installation of traffic signals

INFORMATION ITEM

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RELEVANT EXCERPTS

(include slides showing)

- ◆ Definition
- ◆ Skip Signs and Markings Roundabouts in Part 4
- ◆ Section on *Traffic Signal Needs Studies*
 - ◆ List of Alternatives to Traffic Signals (apples & oranges)
 - ◆ Text which refers to roundabouts and ICE

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Specific Revision Objectives

- ◆ Define Roundabouts as an Intersection Traffic Control strategy
 - ◆ Signals, Stop and Yield Signs are key components of ITC strategies
 - ◆ Signalization (at crossing-type and circular intersections)
 - ◆ MRSC and AWSC (at crossing-type and circular intersections)
 - ◆ Roundabouts (at circular or oval shaped intersections)
 - ◆ Add definition of ITC strategy
- ◆ Roundabouts are **not simply** alternatives to Traffic Signal Systems (installations of)
- ◆ **Traffic signal systems, MRSC, AWSC and roundabouts are alternative intersection traffic control strategies**

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Specific Revision Objectives

- ◆ **ISOAP studies (or the ISOAP Assessment Stage) need to be applied when specific intersection proposals are first contemplated or pursued in order to:**
 - ◆ **eliminate or reduce the pre-selection of traffic signals (or other strategies which have become relied upon which can result in unnecessary impacts (e.g. deaths))**
 - ◆ **ensure that responsible agencies and practitioners perform a reasonable assessment of all strategies to determine which are viable before studying alts**