

Intersection Safety & Operations Assessment Process (ISOAP)

How to use ISOAP to identify the optimal solution & infrastructure investment



A Free Two-Day Virtual Workshop

ISOAP was adopted in September 2024 to update, streamline and rename the Intersection Control Evaluation (ICE) framework to align decision-making with SAFE SYSTEM APPROACH principles & goals.

Workshop participants will learn how and why ISOAP:

- Has evolved to become a state-of-the-art alternatives analysis and type-selection tool
- Produces fully-informed, performance and value-driven investment decisions
- Simplifies and supports the selection of innovative, well-proven but under-utilized solutions
- Does not usually require additional technical studies

See below for specific workshop topics, content and learning objectives.

REGISTER HERE

June 16-17 from 1pm to 5pm each day*



* DAY ONE TOPICS & LEARNING OBJECTIVES (tentative):

- Overview of ISOAP Framework & key changes
 - Stages, Steps & Activities aligned with project processes
- SAFE SYSTEM Intersections and Interchanges (strategies)
- When and how to conduct ISOAP Stages, Steps & Activities
 - Screening to produce short-list of viable alternatives
 - Comparison of study results to confirm or *identify and then select the optimal strategy* (solution)
- Affordable, Quick Build & Modular designs (presented by guest speakers)
 - Presenters will emphasize cases studies and examples to demonstrate how the results of ISOAP (and ICE) studies serve to identify / select the optimal alternative



* DAY TWO TOPICS & LEARNING OBJECTIVES (tentative):

- Safety and Mobility Performance Assessment and Analysis
- How to evaluate and meet Vulnerable Road User needs
- How to accommodate Design and OSOW Vehicles
- Flexibility in the application of ISOAP, and streamlining opportunities during project initiation, development & approval processes
- Challenges to the selection (implementation) of innovative solutions
- Exercises to demonstrate practical applications of ISOAP during various project initiation and project approval processes

This online training is hosted by the California LTAP and presented by the Caltrans Divisions of Traffic Operations, Safety & Design