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## Intersection Control Evaluation (ICE)

**Intersection Control Evaluation (ICE)** refers to the process and framework that a growing number of transportation agencies are adopting to provide a more balanced or holistic approach to the consideration and selection of access strategies and concepts during transportation planning, project identification and initiation processes that contemplate the addition, expansion or full control of major intersections (including interchange ramp termini). "Full control" involves the use of signal, stop or yield control on each of the through and most major movements.

- [Traffic Operations Policy Directive 13-02, Intersection Control Evaluation \(ICE\) \(PDF\)\\*](#)
- [Issuance Memorandum, dated August 23, 2013 \(PDF\)](#)

### ICE Resources

- [Alternative Intersections/Interchanges Informational Report \(AIIR\)](#)
- [FHWA Roundabout Website](#)
- [Roundabouts An Informational Guide, Second Edition \(NCHRP Report 672\) \(PDF\)](#)
- [ICE TOPD Implementation \(PDF\)\\*](#)
- [ICE Process Information Guide, Version 1.0 \(PDF\)\\*](#)
- [Fact Sheet on ICE TOPD \(PDF\)](#)
- [List of Access Strategies & Configurations \(PDF\)](#)

### Traffic/Performance Analysis Methodologies & Tools

- [Roundabout Capacity and Operational Analysis](#)
  - [Publication No. FHWA-SA-15-070, Assessment of Roundabout Capacity Models for the Highway Capacity Manual, September 2015 \(PDF\)](#)
- [Safety Performance / Collision Cost Analysis \(CCA\) Tool](#)
  - For general information, please contact a District ICE Coordinator or a Technical Assistance Program Coordinator (listed in the next sections).
  - [ICE CCA Excel Spreadsheet Tool \(XLSM\)\\* \(updated 6/22/18\)](#).  
To arrange for basic instruction, training, or technical assistance, please contact the District Safety Engineer or the appropriate specialists identified under the section on ICE TAP Team.

### District ICE Coordinators

District	Name
1	David Morgan
2	Rob Stinger
3	Scott Waksdal
4	Whitney Lawrence
5	Roger D. Barnes
6	Albert Lee
7	Farid Nowshiravan

8	Joe Fernandez
9	Lianne Talbot
10	Vu Nguyen
11	Karina Cantero-Angel
12	Jose Hernandez

## ICE Technical Assistance Program (TAP)

The primary role and service of the ICE TAP is to provide technical assistance and training in support of TOPD implementation by Districts, local and regional transportation agencies, and other project sponsors. Technical support is provided through consultation on matters related to

- Complex and controversial access proposals, strategies and concepts.
- The assessment, scoping, analysis and design of innovative access strategies – especially those for which formal technical guidance has not yet been established.

## Technical Assistance Program Coordinator

- Joe Rouse, Interim - HQ Division of Traffic Operations
- Brian Frazer, HQ Division of Design

## How to Request Assistance

- Contact your District ICE Coordinator (see list provided above)

## ICE TAP Team

- Caltrans personnel
  - HQ specialists
  - District ICE Coordinators
  - District practitioners with specialized skills, knowledge and experience
  - Safety Performance Analysis specialists
    - Robert Peterson
- FHWA Resource Center Specialists and other Peer-to-Peer Program personnel

## Statewide Campaigns

- ▶ ADA Access
- ▶ Adopt-A-Highway
- ▶ Amber Alert
- ▶ Arrive Alive
- ▶ Be Work Zone Alert
- ▶ CAL FIRE
- ▶ California Census 2020
- ▶ California Climate Investments
- ▶ California Transportation Plan 2050
- ▶ Energy Upgrade
- ▶ Flex Alert
- ▶ Keep Your Home
- ▶ Response.CA.gov: Power Outage and Fire Recovery Resources
- ▶ REAL ID

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