



PARTNERSHIPS

I-80 Integrated Corridor Mobility Project

ALAMEDA
County Transportation
Commission

2

What is the I-80 SMART Corridor?

- Integrated network of technologies to enhance safety and improve travel time reliability
- Most sophisticated system of its kind in California
- Provides real-time information to drivers



I-80 Integrated Corridor Mobility Project



3

Project Components

- Active Traffic Management
 - *Lane Use Signs*
 - *Information Display Boards*
 - *Variable Advisory Speed Signs*
 - *Adaptive Ramp Metering*
- Arterial and Transit Management
 - *Trailblazer Signs*
 - *Traffic Signal Interconnect and Retiming*
 - *Transit Signal Priority*
- Incident Management



I-80 Integrated Corridor Mobility Project



4

Active Traffic Management



I-80 Integrated Corridor Mobility Project



5

Arterial and Transit Management

- Trailblazer Signs
- Traffic Signal Interconnect
- Transit Signal Priority
- Corridor Signal Retiming



I-80 Integrated Corridor Mobility Project



6

Incident Management

➤ Caltrans activates during incidents:

- *Incident Timing Plans*
- *Trailblazer Signs for passive traffic diversion*
- *Lane Use and Variable Advisory Speed Signs*
- *Message Signs for traveler information*



Caltrans monitors and operates local agency equipment during incidents

Traffic Management Center, Oakland

I-80 Integrated Corridor Mobility Project



7

Benefits to Date

- No reported secondary accidents
- Activation of ramp metering has improved overall freeway travel times
- Ramp metering has not impacted local streets in travel time or queuing
- Strengthened trust and collaboration between state and local operations

More benefits are being measured as the operations are being fine-tuned...



I-80 Integrated Corridor Mobility Project



8