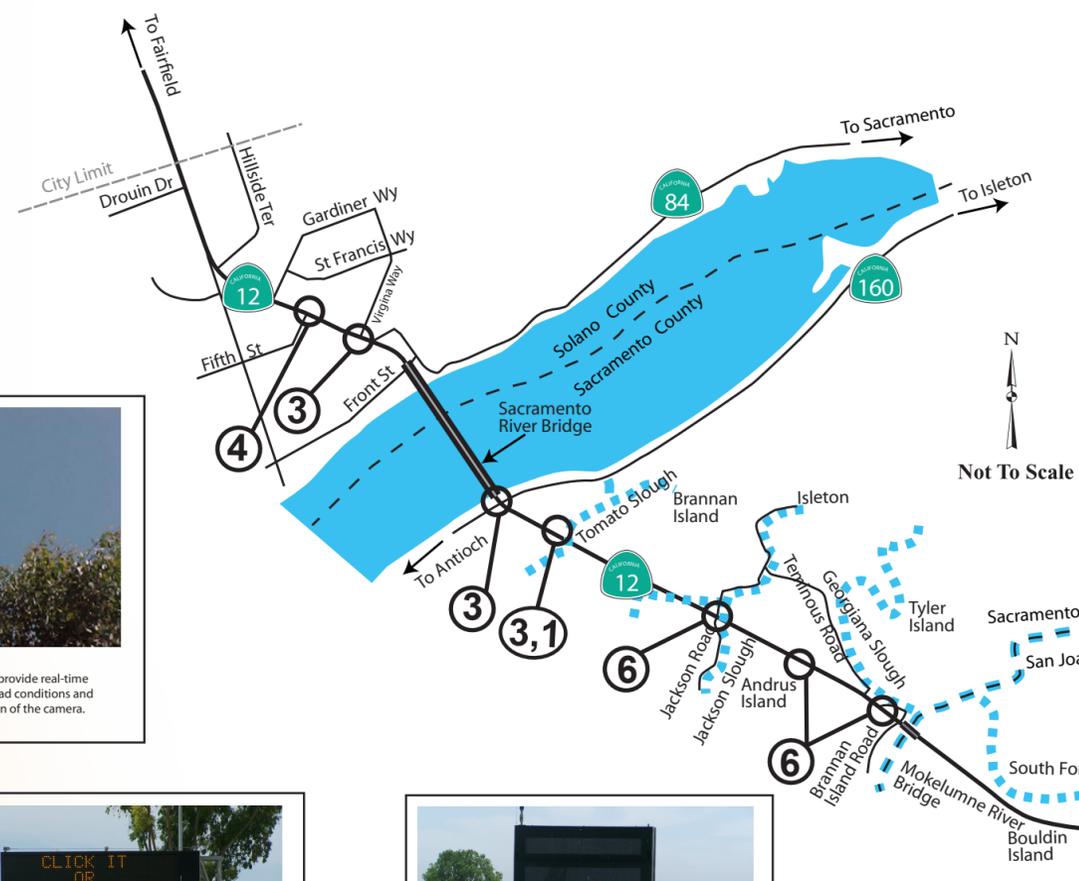


SR 12 Improvement Project Intelligent Traffic Systems (ITS)



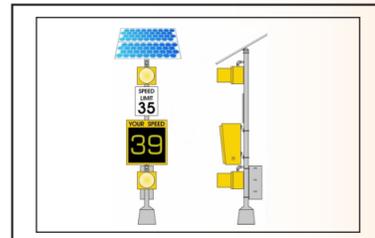
HAR: Highway Advisory Radio is a low power (10 Watt) FCC licensed non-commercial radio station operated by Caltrans. Its purpose is to transmit localized traffic and road information to the motorists on the State Highway system.

4



RWIS: Roadside Weather Information System utilizes meteorological measurement stations positioned alongside the highway to collect local pavement and atmospheric data such as air temperature, precipitation, and wind speed.

5



TMS: Traffic Monitoring Stations are electronic devices that are installed along the freeway to monitor traffic conditions. Real-time data from the Traffic Monitoring Stations is used to detect traffic congestion and alert the Traffic Management Center operators that an incident has occurred.

6



CCTV: Closed Circuit Television cameras provide real-time information to traffic managers about road conditions and accidents within 0.5 mile in each direction of the camera.

1



CMS: Changeable Message Signs are electronic messaging devices that warn motorists about the condition of the roadway ahead, allowing the driver to choose an alternate route if available.

2



EMS: Extinguishable Message Signs are static signs that are illuminated when specific conditions occur on the state highway system. A common static EMS message would be "Traffic Info Tune Radio to 1610."

3

