

San Joaquin County, CA

San Joaquin County Congestion Management Program (CMP) Update



PROJECT OWNER:

San Joaquin Council of Governments

PROJECT DATE(S):

2007 & 2013-2016

TJKM CLIENT REFERENCE:

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TJKM FEE:

\$60K

PROJECT DESCRIPTION:

TJKM concluded the 2014 Congestion Management Program (CMP) technical analysis update for the San Joaquin County Council of Governments (SJCOC). This effort included an update of the roadway network, intersections, multimodal corridors, bicycle network, and transit network. TJKM conducted a comprehensive level of analysis (LOS) analysis of monitored basic freeway segments, multilane highway segments, two-lane highways, urban street segments, and intersections. In addition, CMP multimodal corridors were evaluated for system performance based on pedestrian, bicycle, and transit multimodal criteria. An exclusion analysis consistent with Chapter 7 of the 2012 Regional CMP was performed for all road segments and intersections found to be operating at LOS E or F based on SJCOC-provided 2013 traffic data. Draft and final reports detailing all technical analysis results were provided to SJCOC staff.

TJKM previously assisted the SJCOC in the update of the 2007 San Joaquin County CMP. Vehicle miles traveled, as calculated by future-year models, were used as the basis of an air quality analysis. TJKM assisted SJCOC in operating and maintaining a regional computer traffic model that projects traffic volumes on all major roadways in the area. The model played a major role in the revision of the CMP for San Joaquin County, according to both California State statute and the requirements of the regional CMP identified in the Measure K Renewal Ordinance.

TJKM worked with SJCOC to identify a network of roadways to facilitate a systematic monitoring of key traffic performance against adopted CMP standards. The study network was retrieved from the SJCOC's latest modeling network, which TJKM recompiled in the SJCOC's 2006 Model Update project. TJKM assisted SJCOC staff in the collection and analysis of traffic data and LOS evaluations for CMP intersections, and established LOS standards for the designated roadway network and study intersections.



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