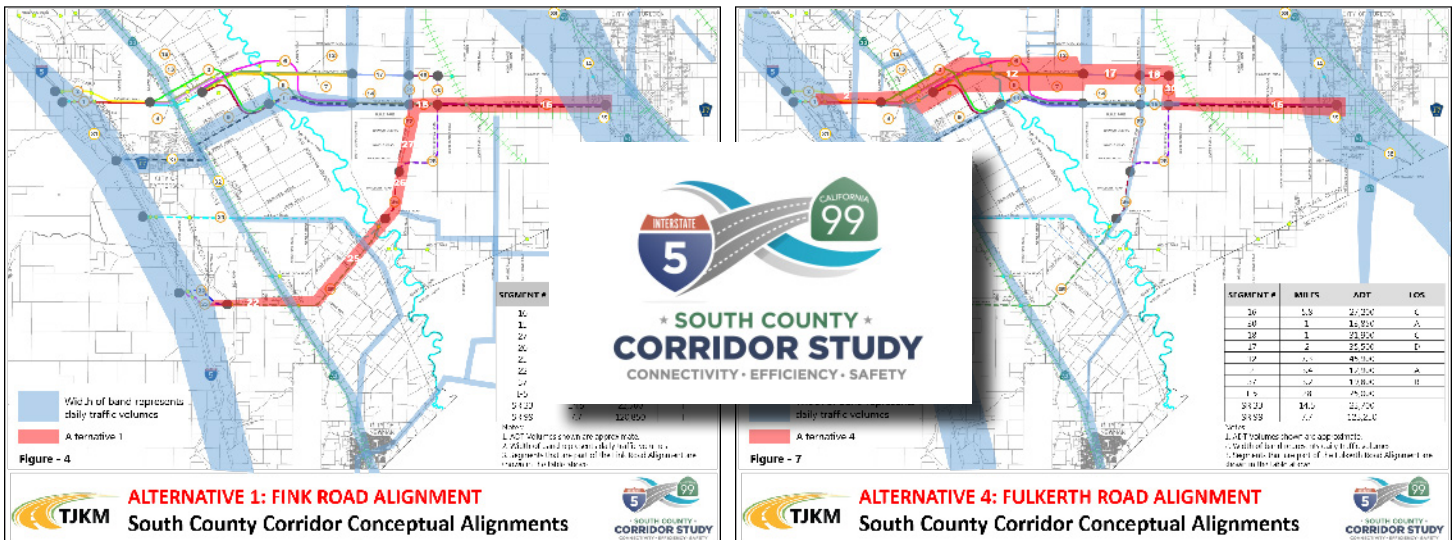


Stanislaus County, CA

South County Corridor Feasibility Study



PROJECT OWNER:
Stanislaus Council of Governments
(StanCOG)

PROJECT DATE(S):
2014 - 2016

TJKM CLIENT REFERENCE:
Matt Machado
County of Stanislaus
1716 Morgan Road
Modesto, CA 95358
(209) 525-4130
machadom@stancounty.com

TJKM FEE:
\$80K

PROJECT DESCRIPTION:

TJKM completed a feasibility study for the South County Corridor in Stanislaus County. The scope of work included evaluation of existing and future conditions for various alternatives. Extensive data, including SWITRS level of detail collision histories, was collected to evaluate and determine collision rates and identify problem locations. TJKM coordinated with all stakeholders to collect available data and determine existing conditions and traffic volumes.

TJKM projected future conditions with daily and peak hour traffic forecasts using the StanCOG Three-County Travel Demand Model. Daily and peak hour link volumes were forecasted. Pedestrian and bicycle volume projections were developed for existing and future conditions along the study corridor. Intersection control and geometries were developed as part of the study. Diversion of traffic under different alternatives was projected using the travel demand model. Since this roadway will have important multimodal requirements, recommendations for bicycle and pedestrian accommodations, potential bus stop locations, and related features were developed. TJKM also developed phasing recommendations and evaluated the potential measures of effectiveness (MOEs) for the proposed corridor alternatives. The MOEs included, but were not limited to: traffic safety, travel time, jurisdictional connectivity, multimodal improvements, goods movement, and improvements in noise and air quality.

TJKM prepared a fully illustrated and documented traffic study report summarizing the existing, future, and recommended conditions. The report included an assessment of MOEs related to the corridor alternatives.

