

LOCAL ROAD SAFETY PLAN (LRSP)

Our Mission & Vision

Create a **sustainable** transportation environment for future generations

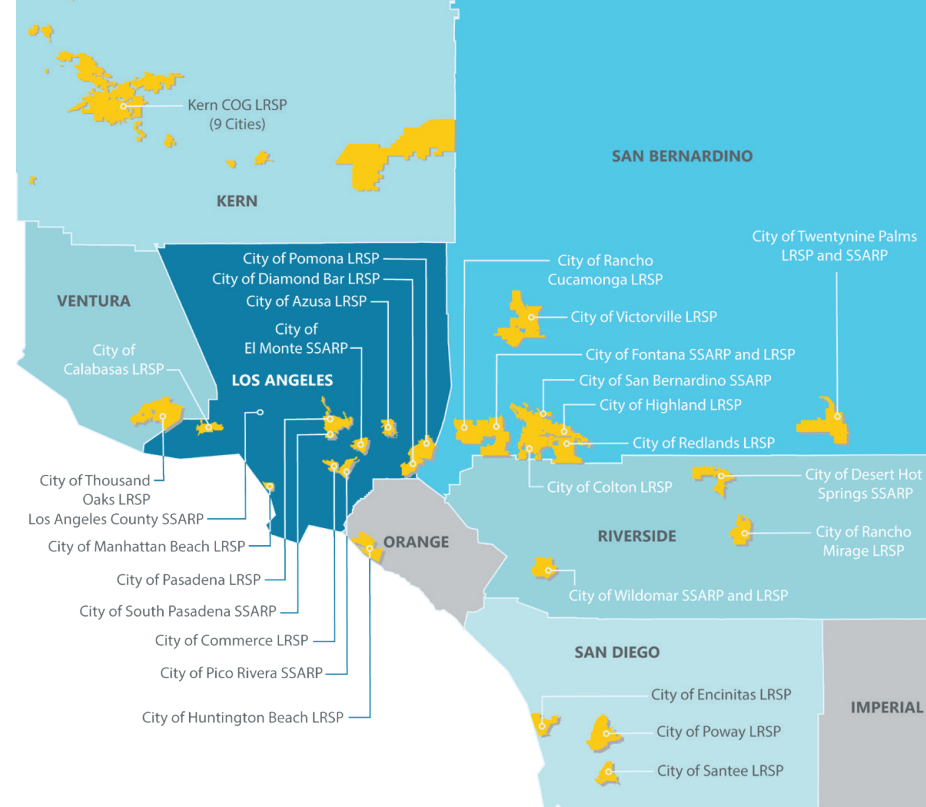
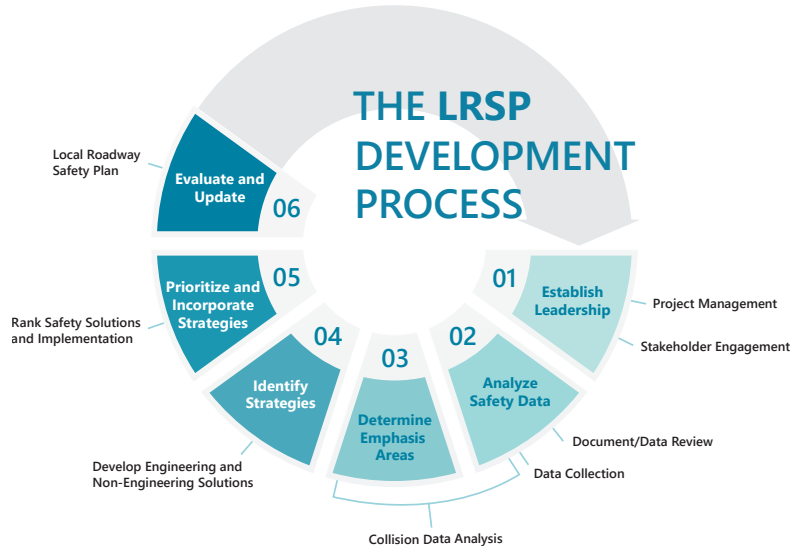


Local Road Safety Plan (LRSP) & Systemic Safety Analysis Report (SSAR)

KOA has leveraged our extensive transportation engineering experience with Highway Safety Improvement Program (HSIP) projects, roadway safety and GIS “big data” analysis, along with our grant writing and management services to become an industry leader with the Caltrans Local Road Safety Program (LRSP) and Systemic Safety Analysis Report Program (SSARP), the predecessor of the LRSP program. LRSPs share a similar framework with aspects of the California Statewide Strategic Highway Safety Plan (SHSP), as each focuses on the 5 “E’s” of transportation safety — Engineering, Education, Enforcement, Emergency Services, and Emerging Technology. An LRSP systematically identifies and analyzes safety problems and recommends safety improvements.

KOA has worked with many Southern California agencies on LRSPs/SSARs, including the City of Desert Hot Springs, City of San Bernardino, City of Fontana, City of El Monte, City of Twentynine Palms, City of South Pasadena, City of Pico Rivera, City of Thousand Oaks, and City of Wildomar. The success of our company with LRSP and SSAR stems from our multi-disciplinary approach and collaboration between our team of skilled planners and engineers.

LRSPs/SSARs require a data-driven quantitative analysis of “big data,” at which KOA’s knowledgeable in-house GIS team excels. Our team of experienced engineers leads project collision and safety analysis, countermeasure selection, and development of constructive concept designs and cost estimates. Our clients can be confident that KOA will deliver a successful Local Road Safety Plan suited to their agency needs.



City of Diamond Bar LRSP

KOA analyzed five years of SWITRS collision data to identify collision trends, types, and high-frequency collision locations. KOA hosted individual stakeholder meetings; proposed safety enhancement countermeasures; developed a list of safety projects; and provided project cost estimation. KOA also proposed a list of safety projects and an implementation plan that included the 5 Es (Engineering, Education, Enforcement, Emergency Services, and Emerging Technology) of traffic safety.

City of Fontana LRSP

KOA is preparing an LRSP that systemically identifies and analyzes safety problems and recommends engineering and non-engineering solutions. KOA is conducting an in-depth analysis of the Statewide Integrated Traffic Records System (SWITRS) data for the most recent five years, and identifying prominent collision patterns.

City of Thousand Oaks LRSP

KOA followed a systemic analysis approach to focus on evaluating an entire roadway network using a defined set of criteria. The LRSP describes input from transportation stakeholders; identifies infrastructure deficiencies; prioritizes improvements; and provides the information needed to apply for future grants and funding to address safety needs.



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