

Level of
Service

E



Level of
Service

F



Traffic Modeling and Transportation Demand

Section 3.2.2

8

The traffic analysis for the Draft EIS/SEIR provides traffic forecasts to determine the number of lanes that would need to be constructed to meet anticipated demand in 2025. This standard modeling is based on the Orange County Transportation Analysis Model (OCTAM) used throughout Orange County to determine the size and extent of road improvements.

Traffic Forecast

Today 126,000 vehicles cross the Orange County/San Diego County border on I-5 each weekday. In 2025, traffic will grow to 201,000 trips a day – a 60% increase. Weekend traffic is projected to be even higher.

I-5 Congestion Relief

Congestion relief on I-5 is a key parameter identified in the Purpose and Need Statement for the project. To evaluate congestion relief, peak-hour forecasts of traffic on I-5 were compared with traffic levels after implementation of each alternative. This measure estimates the percentage of daily traffic on I-5 that is anticipated to experience traffic congestion. See I-5 traffic relief results for each alternative on pages 11 – 19.