



LSC Transportation Consultants, Inc. Experience and References

FALLON, NV TRANPLAN MODEL DEVELOPMENT AND CALIBRATION

Project Location

TRANPLAN Model Development and Calibration
City of Fallon, Nevada and surrounding area

Client

State of Nevada Department of Transportation
Carson City, NV

Project Manager

Albert T. Stoddard III, Ph.D., P.E.

Date

1998

Reference

Robert MacDonald
TranSystems Corporation
559 Pikes Peak Avenue, Suite 300
Colorado Springs, CO 80903

Description

LSC Transportation Consultants, Inc. was a subcontractor to TranSystems Corporation for the preparation of a demonstration study of small urban area transportation modeling. The demonstration was the first of 14 proposed modeling projects for the small urban areas of Nevada. LSC was responsible for reviewing the existing TRANPLAN model and developing an updated model based on the original model. The updated model formed the base of future projections to be conducted by TranSystems.

When the existing TRANPLAN model was dissected, the underlying methodology and results were determined to be useless in creating an updated model. Instead of using the original model as a base, LSC staff created a completely new model consisting of the current transportation network and land use. The new model was calibrated to traffic counts provided by Nevada DOT and land use from aerial photos. The completed TRANPLAN model was successfully delivered within budget to TranSystems despite difficulties obtaining land use and traffic count information in a timely manner.