

LSC Transportation Consultants, Inc.

Experience and References

PPACG MODE CHOICE MODEL

Project/Location

PPACG Mode Choice Model
Colorado Springs, Colorado

Client

Pikes Peak Area Council of Governments
15 South 7th Street
Colorado Springs, Colorado 80905

Project Manager

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

Date

1996 - 1997

Reference

Ken Prather
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Description

The Pikes Peak Area Council of Governments contracted with LSC to develop a mode choice model for the Pikes Peak Region. This project included an onboard survey and the development of the mode choice model for use in the TRANPLAN regional transportation model. The project included the coding of the transit network in TRANPLAN for use in developing the region's 2020 Transportation Plan.

The mode choice model was developed with two components. Captive transit trips are modeled using a direct demand model and choice trips are modeled using a logit-based transit choice model. Transit trips are then separated from the total person trips and assigned to the transit network. The remaining person trips are assigned to the highway network.

