



# LSC Transportation Consultants, Inc. Experience and References

## US HIGHWAY 50/STATELINE PROJECT TRANSPORTATION STUDY

### Project/Location

South Lake Tahoe, California

### Client

Tahoe Regional Planning Agency  
128 Market Street  
P. O. Box 5310  
Stateline, Nevada 89449

### Project Manager

Gordon Shaw

### Date

2002

### References

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### Description

US Highway 50 in South Lake Tahoe, California and Stateline, Nevada serves as the primary local roadway for travel within the South Shore area of Lake Tahoe. Traffic congestion occurs along the corridor during the summer and winter peak seasons. Aside from traffic delays, the existing configuration provides poor pedestrian and bicycle conditions in the area and does not provide any dedicated transit facilities. The Tahoe Regional Planning Agency (TRPA), in conjunction with Caltrans, Nevada Department of Transportation, and the Federal Highway Administration, funded a study to evaluate all aspects of transportation issues and address the existing and forecast future deficiencies in the Stateline area. The specific goals and objectives of the planning process are as follows:

- Identify the need to improve pedestrian/bicycle access, public safety, transit services, circulation, and community design
- Maintain the current overall capacity of the roadway network in the corridor
- Identify means of improving traffic flow patterns
- Develop design solutions that reflect the community and the adjoining land uses
- Help achieve scenic resources, recreation, air quality, water quality and other TRPA thresholds





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- Balance transportation needs with other community goals such as economic vitality and visitor interests
- Reflect the need to address snow removal and emergency access requirements
- Reflect the need to provide effective management of all runoff from impervious surfaces

LSC Transportation Consultants, Inc. was retained to present, gather public input, assist in the coordination of a public oversight committee and steering committee, and conduct a detailed traffic study. The traffic study evaluated pedestrian, bicycle, transit, and vehicle traffic associated with five roadway alternatives including a "no build" alternative. Each alternative was evaluated with regard to intersection level of service and delay, traffic safety, impacts on transit operations, impacts to bicycle and pedestrian circulation and safety, impacts on vehicle miles of travel and air quality, right-of-way requirements, impacts to individual business and access patterns, and impacts to residential areas. These alternatives included traffic signals as well as multilane modern roundabouts.

In collaboration with other firms, LSC held several public workshops to elicit recommendations from the public, and these traffic analysis results were presented. LSC conducted monthly steering committee meetings that included stakeholders such as representatives from FHWA, NDOT, TRPA, Caltrans, the City of South Shore, Douglas County, and local representatives from the community (approximately 25 members) along with the prime consultant for the project. TRPA is using the study as the basis for funding a joint Environmental Impact Statement/Environmental Impact Report study that will evaluate the alternatives consistent with both CEQA and NEPA standards.