



LSC Transportation Consultants, Inc. Experience and References

RIO GRANDE PARKING STRUCTURE DESIGN

Project/Location

Rio Grande Parking Structure Design
Aspen, Colorado

Client

City of Aspen

Project Manager

Gordon Shaw

Date

1988

Reference

Mr. Ron Mitchell, Aspen City Manager
Mr. Tom Baker, Aspen/Pitkin Planning Department
130 South Galena Street
Aspen, Colorado 81611
(970) 925-2020

Description

Based upon previous parking studies conducted by LSC Transportation Consultants, Inc., the City of Aspen undertook a design study for the community's first municipal parking garage, to be located immediately north of the commercial core. As part of the initial study team, LSC performed the following tasks and analyses:

- Financial analyses of alternative fee schedules, including impact upon parking revenues, operating costs, facility utilization, total vehicle usage in the community, and diversion to on-street spaces. These analyses were projected over a 20-year period.
- Preliminary parking design for alternative building envelopes, considering optimal parking space and traffic ways' dimensions, interfloor travel alternatives, and overall building efficiency.
- Identification of optimal facility access, including number of entrance and exit lanes, queuing space needs, and impacts on adjacent street system.
- Design of adjacent surface parking area and access drives in light of strong community concerns regarding impact on adjacent open space.
- Evaluation of transit service alternatives for the facility.
- Analysis of pedestrian access ways, including the need for improved pedestrian protection for adjacent street crossings.

The results of the initial study were presented to the citizens of Aspen as justification for a bond election, which passed by a substantial margin. Subsequently, LSC Transportation Consultants, Inc. was retained as part of the Final Design Team.