Denver International Airport Terminal Canopy and Roadway Expansion

Denver, Colorado, United States

Owner
Denver International Airport

Size
151,000 SF

Scope
Feasibility Study, Schematic Design, Construction Documents, Construction Phase Services

Award
2005 Outstanding Achievement Award - Architectural Structures, Industrial Fabrics Association International (IFAI)
2005 Merit Award-Innovative Design & Excellence in Architecture Using Structural Steel (IDEAS), AIA/ American Institute of Steel Construction (AISC)

Denver International Airport serves over 30 million passengers a year. Due to environmental elements, there was a need to provide protection for the increasing number of passengers that use the van and bus service. Rental car companies, including Hertz Corporation and Avis, asked Leo A Daly to analyze the feasibility of providing a canopy for the exposed service areas on Level 5, and to propose a schematic design with related costs. The City and County of Denver then contracted Leo A Daly to provide full construction documents and construction administration services.

The canopy is composed of Teflon-coated fiberglass fabric stretched over a structural steel frame. Natural ventilation through the canopy design provides for comfortable airflow and removal of bus and van exhaust fumes.