



## STRUCTURAL ENGINEERING



*Arnold Palmer Regional Airport  
Terminal Building Construction*

Lee-Simpson Associates, Inc. (LSA) provides structural engineering services to industry, private clientele, architects, governmental agencies (local, state, federal) and contractors. The firm's experience record extends over a forty year time period with no incidence of failure or collapse attributed to a LSA design plan. This experience record and understanding of the science of structural analysis has given the firm an outstanding reputation as an expert in the field.

Experienced people, working in conjunction with modern computer equipment are able to provide practical and unique solutions to most any structural engineering project.

With today's construction costs rising at an alarming rate, it is important that our structural engineering staff consider the retrofitting of existing structural components as a practical solution to totally new construction should this be an option. Most

any newly proposed building construction, including pre-engineered steel buildings, are part of the comprehensive services provided by the firm.

The variety of structural engineering services offered by LSA include:

- ❑ Building structural analysis and design
- ❑ Feasibility reports and analysis
- ❑ Structural framing analysis
- ❑ Building foundation analysis
- ❑ Cost estimating
- ❑ Management of construction
- ❑ Inspection of construction
- ❑ Floor, roof and sidewall analysis/design
- ❑ Failure investigations and reports
- ❑ Court testimony (expert witness)



*Arnold Palmer Regional Airport  
Terminal Building*