

Structural Engineering

Kleinfelder's structural engineering services are delivered by a multi-disciplinary team of experts to various public agencies and private companies. During the past 25 years, our experienced structural engineers have gradually adapted to changing technology, codes, and standards. Our structural design is fully integrated with technology using the most recent software developments, such as BIM (Building Information Modeling), SAP 2000, Larsa 4D Bridge Plus, and others.

Services and project types within our practice include:

- Aircraft Maintenance Facilities and Hangars
- Bridges, Roadways, and Tunnels
- Building Asset Management
- Building and Infrastructure Design and Assessment (commercial, government, industrial, residential, surface transportation, healthcare, aviation, etc.)
- Disaster Resiliency Analysis (flooding, hurricane, etc.)
- Forensic Investigations
- Historic Restoration
- Parking Garages
- Pump Stations
- Rehabilitation of Existing Facilities and Infrastructure
- Retaining Walls
- Seismic Analysis and Design
- Tanks and Reservoirs
- Transmission Line Foundations
- Water and Wastewater Treatment Facilities
- Wind Turbine Foundations



COMMITMENT AND STRONG APPROACH

Our commitment to providing superior client service and quality design has earned us a reputation for excellence in our industry. Kleinfelder specializes in full-service structural engineering for a variety of structures, from public and private development to new design and renovation projects. We believe that, through thoughtful and creative analysis of our clients' needs and budget, we can deliver a successful solution to every project challenge.

ABILITY TO DELIVER

Kleinfelder's structural engineers have extensive experience in the design and construction management support for a variety of projects, utilizing current guidelines, codes, and standards. We have an outstanding reputation of accomplishing projects on time and within the original negotiated budget. Our expertise in structural engineering helps us develop an adequate scope of work and accurately determine engineering costs.

