Aviation Services

FRESE AND NICHOLS, INC. (FNI) HAS BEEN PROVIDING AVIATION planning, design and construction services for nearly 70 years. Beginning in the late 1940s with small municipal airport design projects and master plans, we have expanded to successfully complete a wide range of multi-discipline aviation assignments, ranging from the improvement and expansion of existing airports to the development of new aviation facilities, including a new international airport.

FNI’s experience includes both commercial and general aviation projects. We have completed more than 60 large-scale airport improvement projects, and we have provided services on general aviation projects throughout Texas.

This wealth of experience has resulted in our establishing a highly qualified and integrated team of aviation personnel and accumulating a versatile project background.

skylink automated people mover system
DFW INTERNATIONAL AIRPORT
FNI designed DFW International Airport’s Skylink Automated People Mover System (APMS), one of the world’s largest airport APMS. Skylink was built on a fast-track, year-long design of almost five miles of bridges and ten 50,000-square-foot, four-story stations. The project used state-of-the-art materials to minimize disruption of airport operations, with construction costing approximately $846 million.
SERVICES AND CAPABILITIES

STRUCTURES AND FACILITIES
- Terminal facilities, hangars and offices
- Air traffic control towers
- Roadways, bridges and parking structures
- De-icing facilities
- Utilities
- Navigational aids
- Lighting and signage
- Stormwater systems
- Airfield signage

PAVING AND OTHER SERVICES
- Construction management
- Program management
- Drainage improvements
- Industrial waste collection
- Wetland mitigation
- Architecture/interior design
- Runways, taxiways and aircraft aprons

PLANS AND STUDIES
- Airport layout plans
- Environmental impact studies
- Airspace analyses and studies
- Planning studies

EXPERIENCE OF PROJECT TEAM
- DFW International Airport, Texas
- Houston Hobby Airport, Texas
- Houston Intercontinental Airport, Texas
- Austin-Robert Mueller Municipal Airport, Texas
- Birmingham Airport, Alabama
- Carswell Joint Reserve Base, Texas
- Eastwood Field Airport, Texas
- Laredo International Airport, Texas
- Valley International Airport, Texas
- Corpus Christi Airport, Texas
- Stephens County, Texas
- San Angelo Airport, Texas

FEDERAL AVIATION ADMINISTRATION (FAA) EXPERIENCE
FNI has been working with the FAA since its inception in 1958, and it is important to note that our FAA background includes two consecutive five-year contracts for various engineering assignments related to modernizing the National Airspace System Plan for the Southwest Region. This brings our clients a broad knowledge of FAA regulations and requirements and the processes and procedures involved in navigating those regulations and requirements.