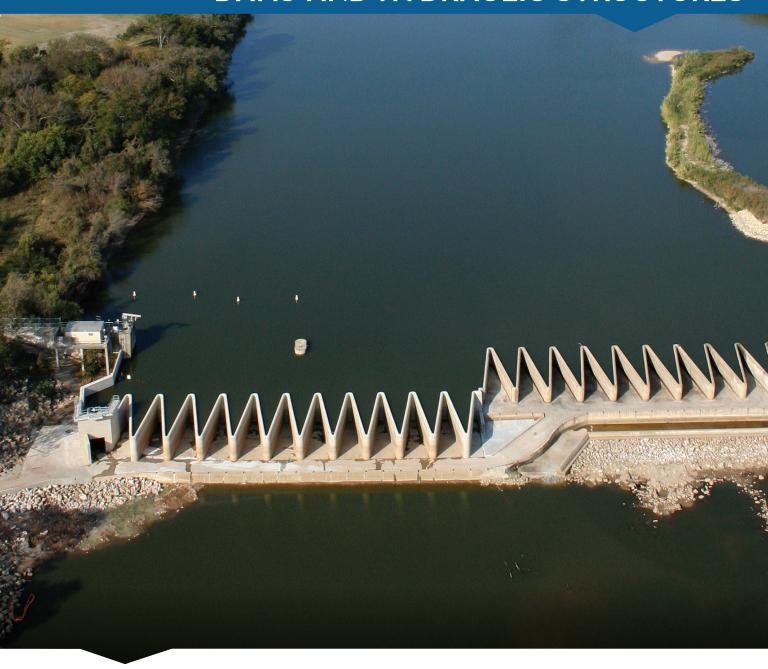
DAMS AND HYDRAULIC STRUCTURES



LAKE BRAZOS LABYRINTH WEIR

CITY OF WACO

Freese and Nichols provided innovative solutions for this award-winning dam rehabilitation project. The team combined reuse of the existing dam site with an unconventional spillway configuration, substantially reducing completion time and cutting construction costs in half. The project has received multiple national and state awards.

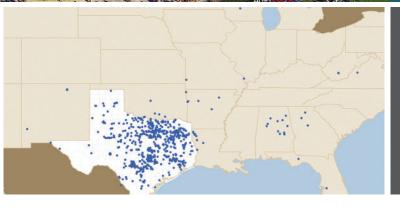
FREESE AND NICHOLS, INC. is the region's most experienced engineering consultant for water supply projects, designing more than 150 major dams and reservoirs during our decades-spanning history. As one of the nation's leading water resources firms, we are familiar with all aspects of dam maintenance and operations, as well as inspection, monitoring, evaluation and rehabilitation of dams. Our experience with dams and reservoirs includes both new and rehabilitation projects.

In addition, our professionals provide full-service capabilities for your water resources projects. We provide solutions from beginning to end for all dam and hydraulic structure needs, including permitting and planning, hydrologic and hydraulic analysis, geotechnical and structural design, construction document preparation and construction management.









Our dam and hydraulic structure experience includes:

- 600+ dam evaluations
- 12 Federal Energy Regulatory
 Commission Part 12 inspections
- 150+ major dam and reservoir designs
- 110+ Probable Maximum Flood studies
- 200+ breach analyses
- 100+ emergency action plans

AWARD-WINNING PROJECTS

Here is a sampling of our recognized dam projects. Read more at www.freese.com/awards.

Bechtel Summit Dams and Lakes (pictured at top)

National Recognition
 Award, American Council of Engineering Companies

Lake Brazos Labyrinth Weir

- Award of Excellence in the Constructed Project, United States Society on Dams
- Engineering Excellence Honor Award, American Council of Engineering Companies

Upper Brushy Creek Dam Modernization Program

 Award of Merit, Association of State Dam Safety Officials

Wesley Seale Dam

- National Rehabilitation Project of the Year, Association of State Dam Safety Officials
- National Finalist, American Council of Engineering Companies

Lake Delton Dam Repair

Engineering Excellence
 Honor Award, American
 Council of Engineering
 Companies

Hydrologic and Hydraulic Guidelines for Dams in Texas

 Eminent Conceptor Top Engineering Project, Texas Council of Engineering Companies



Freese and Nichols, Inc. is a professional consulting firm serving clients across the Southwest and Southeast United States. With sustainability in mind, Freese and Nichols plans, designs and manages infrastructure projects. It is the first engineering/architecture firm to receive the Malcolm Baldrige National Quality Award.

