



THEODORE A. (TONY) JANISH, PE

**Principal
Senior Geotechnical Engineer**



PRINCIPAL PRACTICE

Geotechnical Engineering
Construction Materials Testing

EDUCATION

Michigan Technological University, MSCE, 1983
Michigan Technological University, BSCE, 1981

PROFESSIONAL EXPERIENCE

ALPHA TESTING, 2006 – Present

Rone Engineering Services, Ltd., 1999 – 2006

Terracon Consultants, Inc., 1995 – 1999

Soil and Materials Engineers, 1983 – 1995

PROFESSIONAL REGISTRATIONS

Professional Engineer: Texas No. 82418

PROJECT EXPERIENCE

Educational: K-12 school buildings and facilities for numerous ISD's. Also colleges and universities

Commercial: Office complexes, shopping centers, malls, apartment complexes, office/warehouses

Energy Plants: Power plants and transmission. Served as resident geotechnical engineer during construction of major power plant

High Rise Structures: Multi-story office towers, parking garages, communication towers

Water-Related Structures:
Earth dams, levees, cofferdams.

Transportation: Bridges, primary highways, railroads. Soil stabilization and foundations. TxDOT certifications

Municipal: Correction facilities, water treatment plants, fire and police stations.

Ground Water: Seepage studies ground water control, dewatering systems. Cofferdam evaluation.

Special Problems: Foundation failure and correction, evaluation/correction of slope failures, design/monitoring of earth retention systems, pile load tests, deep excavations

*TxDOT Pre-certifications:
PE ESN: 0008331
14.1.1; 14.2.1; 14.3.1; 14.4.1.
12.1.1; 12.1.2; 12.2.1*