

Theodore J. Schepper, P.E.

President

Education

B.S. Civil Engineering – University of North Dakota, 1978

Professional Registration

Registered Professional Engineer: Washington, Oregon, and North Dakota

Affiliations

American Society of Civil Engineers (ASCE)

Skills

- Geotechnical Site Exploration
- Geotechnical Soil Testing
- Foundation Design Including Conventional and Deep Pile or Pier Foundations
- Deep Excavations
- Earth Embankments
- Industrial Slab-on-grade Floors
- Construction Monitoring and Quality Control
- Forensic Studies
- Shoring Design
- Slope Stability and Landslide Remediation
- Retaining Walls
- Erosion Control
- Concrete and Asphalt Pavement
- Construction Dewatering
- Hydrogeologic Evaluation and Characterization
- Instrumentation Installation, Data Reduction and Evaluation

Summary of Professional Experience

Mr. Schepper has over 38 year's geotechnical engineering experience and has provided geotechnical design and construction recommendations for virtually all types of civil projects including:

- Commercial, Industrial, and High-Rise Residential/Office Buildings
- Deep Excavation and Shoring
- Water and Oil Storage Tanks and Reservoirs
- Water Pipelines and Electrical Transmission Lines
- Landfills, Dams, and Mining Facilities
- Landslide and Slope Stabilization Studies

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- Pump Stations and Electrical Substations
- Interstate, County, and City Roadways
- Water and Wastewater Treatment Plants
- Residential and Commercial Subdivisions
- Stormwater and Wastewater Containment Ponds
- Infiltration/Retention Ponds

Over his career, Mr. Schepper has developed a thorough understanding of principals of soil mechanics and geologic processes and has applied this knowledge in developing practical and economical solutions for development or re-development of properties with new building construction and infrastructure. He is well versed in evaluating drainage characteristics, including stream channel and surface erosion, groundwater flow, piping potential, and sedimentation. He has a thorough working knowledge of ASTM and AASHTO testing procedures and requirements for evaluating soil characteristics such as grain size, consistency, unit weight, shear strength, deformation, and permeability.