

About Houston Engineering, Inc.

Capability Statement

Established

1968

Size

250+ employees

Entity Structure

S-Corporation

Locations

Fargo, ND (Corporate Headquarters)

Bismarck, ND

Des Moines, IA

Dickinson, ND

Grand Forks, ND

Maple Grove, MN

Minot, ND

Lincoln, NE

Omaha, NE

Sioux Falls, SD

Thief River Falls, MN

DUNS Number

071354013

CAGE Code

1LSF9

Payment Methods

ACH Payments

Check Payments

Credit Card Payments

Wire Payments



About Us



At Houston Engineering, Inc. (HEI), we pride ourselves on adapting to an ever-changing world and welcome the challenges that make every project unique. Our clients count on us to provide comprehensive, workable solutions that produce results now and continue to provide value well into the future. Because at HEI, we are building for a better tomorrow.

Services

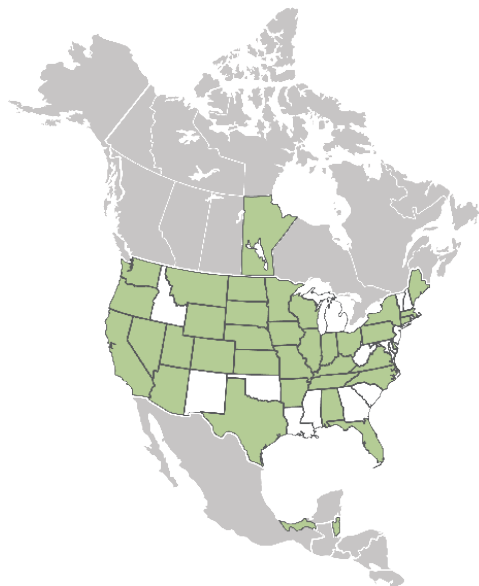
- Civil Engineering
- Environmental Services
- GIS/Web Apps
- Hydrologic and Hydraulic Modeling
- Infrastructure
- Land/Site Development
- Planning/Landscape Architecture
- Potable Water
- Resiliency
- Surveying
- Sustainable Design
- Transportation
- Waste Management
- Waste Water Treatment
- Water Resources

Awards



HEI is ranked on the 2022 ENR Top 500 Design Firms List

Places We've Worked



Strategic Differentiators

- Unique integration of technology, engineering, and science
- Persistent problem solving
- Going above and beyond
- Deeply invested in client success
- Down-to-earth and practical
- Focused on “clients for life”



Agency Experience

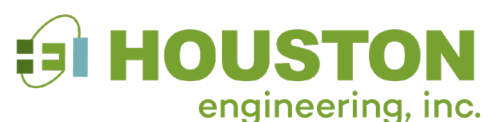
- FEMA - Region 8
- General Services Administration
- USDA Natural Resources Conservation Service
- US Army Corps of Engineers
- US Environmental Protection Agency
- US Fish & Wildlife Service

NAICS Codes

- 518210 - Data Processing, Hosting, and Related Services
- 541330 - Engineering Services
- 541330 - Military and Aerospace Equipment and Military Weapons*
- 541330 - Contracts and Subcontracts for Engineering Services Awarded Under the National Energy Policy Act of 1992*
- 541330 - Marine Engineering and Naval Architecture*
- 541370 - Surveying and Mapping (except Geophysical) Services
- 541620 - Environmental Consulting Services

*Small business designation

contact | Gregg Thielman, President/CEO
email | cgthielman@houstoneng.com
address | 1401 21st Avenue North
city, state, zip | Fargo, ND 58102
phone | 701.237.5065
website | www.houstoneng.com



Services Breakdown

Certifications/Registrations

Bridge Inspection Team Leaders
Certified Floodplain Managers
Certified Federal Surveyor
Certified Geographic Information Systems Professionals
Envision Sustainability Professional
FAA Remote Pilots for Small Unmanned Aircraft Systems (sUAS)
Professional Engineers
Professional Geologist
Professional Land Surveyors
Professional Landscape Architect
Professional Wetland Scientist



2nd Street/Downtown Reconstruction Flood Management Project, Fargo, ND

- \$50 million construction
- Project is part of the larger Fargo-Moorhead Flood Diversion Project
- Coordination with the St. Paul District of the US Army Corps of Engineers



Minot Water Treatment Plant Hazard Mitigation Grant Program (HMGP) Flood Protection, Minot, ND

- Project budget was \$31 million, with nearly \$23 million coming from federal HMGP funding
- Largest HMGP project completed within FEMA Region 8

Water Resources

- Aquatic Ecosystems
- Dam and Drainage Outlets
- Drainage Systems
- Drought Management
- Flood Control
- Flood Insurance Studies and Floodplain Management
- Groundwater
- Stormwater Management
- Water Quality
- Water Supply

Infrastructure

- Contaminant Characterization
- Detention Pond Design
- Facility Planning
- NPDES and SWPPP Permitting
- Sanitary Sewer Collection Systems
- Storm and Sanitary Lift Stations
- Storm Sewer Master Planning and Design
- Subdivision Layout and Platting
- Urban Street Design
- Waste Stabilization Ponds
- Water and Waste Water Treatment
- Water Storage and Distribution
- Well Development

Surveying

- As-Builts and ALTA/ACSM Land Title Surveys
- Boundary Surveys
- Bridge Surveys
- CFedS Surveys
- Construction Staking
- Elevation Certificates
- FEMA Letter of Map Change Applications
- Highway, Powerline, and Pipeline Alignment Surveys
- Hydrographic Surveys
- Right-of-Way and Easement Surveys
- Subdivision Plats
- Topographic Surveys

Environmental

- Agribusiness
- Environmental Engineering
- Fish Passage
- Hydrogeology
- Impact Analysis
- Mitigation
- Natural Resource Inventories
- Permitting
- Regulatory and Permitting
- State and Federal Environmental Review
- Water Quality Analysis
- Wetland and Stream Restorations
- Wetland Assessment

Transportation

- Bike and Pedestrian Trails
- Bridge Inspection and Load Rating
- Bridge and Structural Design
- Construction Management
- Corridor Analysis
- Environmental Review/Impact Analysis
- Planning
- Railroads
- Street, Highway, and Roadway Design
- Traffic Engineering
- Vehicle Routing Analysis

GIS/Web Apps

- Data Development
- GIS Analysis
- GPS Data Collection
- Map Production
- Planning and Implementation
- Programming
- Spatial Database Design
- Web Applications

Land/Site Development

- Civil Engineering and Design
- Construction Management
- Feasibility Studies and Reports
- Industrial Parks
- Land and Subdivision Planning
- Parking Lots
- Parks and Trails
- Plats
- Private Streets
- Site Development
- Stormwater Facilities
- Water and Sewer Improvements

Planning/Landscape Architecture

- Community Planning
- Grant Writing
- Land Use Planning
- Master Planning
- Site Design
- Sustainable Design
- Urban Design and Streetscapes

Waste Management

- Environmental Review, Permitting, and Siting
- Facility Procurement and Implementation
- Feasibility and Economic Analysis
- Landfill Design/Composting Facility Design
- Ownership and Management Options Analysis
- Processing and Treatment Facility Design
- Recycling/Materials Recovery Facility Design
- Regional Program Planning and Evaluation