

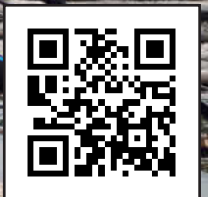


# STATEMENT OF QUALIFICATIONS

**GOSLING CZUBAK  
ENGINEERING SCIENCES, INC.**  
[WWW.GOSLINGCZUBAK.COM](http://WWW.GOSLINGCZUBAK.COM)



**Gosling Czubak**  
engineering sciences, inc.





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## Services

**CIVIL ENGINEERING**

**ENVIRONMENTAL SERVICES**

**SURVEYING**

**GEOTECHNICAL ENGINEERING**

**MATERIALS TESTING**

**DRILLING**

**LANDSCAPE ARCHITECTURE**

## Company Overview

**GOSLING CZUBAK  
ENGINEERING SCIENCES, INC.  
1280 BUSINESS PARK DRIVE  
TRAVERSE CITY, MICHIGAN 49686**

Gosling Czubak is a professional consulting firm providing engineering, surveying, environmental, landscape architecture, geotechnical and construction testing services to a large variety of clients. Located in Traverse City, the firm has served public and private clients throughout Michigan and the Midwest since 1957.

To complement our consulting services, Gosling Czubak has a fully equipped materials testing laboratory (soils, asphalt, and concrete), construction testing field equipment, drill rigs, and certified engineering technicians trained in construction materials testing procedures and specifications. Our survey crews are equipped to provide the most technologically advanced surveying available.

Gosling Czubak looks forward to providing you with the personal attention, enthusiasm, and professional services needed to support the success of your project.

### **ORGANIZATIONAL STRUCTURE**

Gosling Czubak, established in 1957, is a Michigan corporation governed by a board of directors and corporate officers.

We currently employ a staff of about 40 experienced professional and technical people.

## Contact

Ph: (800) 968-1062

Ph: (231) 946-9191

Fax: (231) 941-4603

[www.goslingczubak.com](http://www.goslingczubak.com)

[info@goslingczubak.com](mailto:info@goslingczubak.com)

## Highlights

**Platting & Condominium Specialists**

**Licensed in Five States**

**MDOT Prequalified**

**HAZWOPER Trained Staff**

## Services

GPS Surveys  
 Hydrographic Surveys  
 Topographic Surveys  
 Boundary Surveys  
 ALTA Land Title Surveys  
 Subdivision Design & Platting  
 Condominiums  
 Oil and Gas Surveying  
 Telecommunications Surveys  
 Highway Surveys  
 Construction Staking  
 Riparian Surveys  
 Bottomlands Distribution Surveys  
 Easements & Rights-of-Way  
 Stream Crossings  
 Wetlands Surveys  
 Road Crossing Surveys  
 Directional Drilling Surveys  
 Division Order Surveys  
 Mineral Rights Allocation Surveys  
 Environmental Well Surveys  
 Insurance Forensic Surveys  
 Aerial Photo Control



## Surveying

Using innovative methods and equipment, our survey department serves a variety of clients including:

- Development
- Architecture
- Oil and Gas
- Industrial
- Telecommunications
- Institutional
- Commercial
- Navigation
- Governmental
- Utilities

Working throughout Michigan, we provide precise surveys for all of your land, development, spatial, geodetic, control and hydrographic projects. By providing a blend of technology, creativity, and experience, the Gosling Czubak surveying staff helps communities, landowners, developers, utilities, industry, and governments to make their projects successful. Inventive in our approach, we are uniquely receptive to clients' concerns, concentrating on and succeeding at completing projects efficiently and promptly.

Gosling Czubak has multiple survey crews utilizing the most technically advanced equipment. Each crew is supplied with robotic total station survey equipment, real time and static global positioning systems (GPS), and tracked amphibious vehicles for accessing difficult terrains. Each crew is 40 hour HAZWOPER trained. Our surveyors are licensed in Michigan, Ohio, Wisconsin, Minnesota and North Carolina.

We have utilized laser scanning on projects and routinely use a combination of GPS with wireless Internet features and total stations with robotic functions, allowing staff to complete precise and comprehensive surveys quickly.

## Highlights

### ROADS

MDOT Design & Construction Oversight  
Road & Intersection Design  
Private & Residential Streets  
Bridge Design and Inspection

### SITE DEVELOPMENT

Site Engineering  
Soil Erosion Control  
Stormwater Management

### WATER AND SEWER

Wastewater Treatment  
Water Systems  
Municipal Wells

### UTILITY RATE STUDIES

Operations Cost Review  
Equipment Replacement Fund Review  
Evaluation of REU Assignments  
Billing Methods & Usage Measurement

### SOLID WASTE

Waste Management Plans  
Solid Waste Transfer Stations  
Landfill Closures

### PROJECT FUNDING

State Revolving Fund (SRF)  
USDA Rural Development  
Clean Michigan Initiative (CMI)



NEW WASTEWATER TREATMENT PLANT - HARING TOWNSHIP

## Civil Engineering

Our civil engineering staff provides a variety of services to help municipalities, commercial and residential developers, resorts, industrial clients, and other professional consultants build their projects. These clients use our services to plan community improvements, evaluate existing infrastructure facilities, secure funding to make projects affordable, and design developments that are easy to maintain and operate.

Our professional staff of registered professional engineers, engineering technicians, and CAD drafters have excellent working relationships with regulatory officials. We have long-standing relationships with more than 40 communities. Gosling Czubak has successfully completed some of the most substantial and most complex development projects in Northern Michigan. The large majority of our work is from repeat clients and referrals.

From small residential projects to large commercial and municipal projects, Gosling Czubak provides clients with thoughtful and efficient design, excellent value, and quick response.

## Services

Phase I Environmental Site Assessments

Baseline Environmental Assessments

Brownfield Redevelopment

Wellhead Protection Plans

Wetlands Permitting

Compliance Audits

Hazardous Waste Management

Hydrogeologic Investigations

Risk Assessments

Sampling and Monitoring

Air Quality Management

SPCC, SWPP, and PIPP Plans

Soil and Groundwater Investigations and Cleanups

Underground Storage Tank Assessments and Cleanups

Asbestos Surveys

Ground Penetrating Radar (GPR) Investigations

Remediation System Design, Construction, Operation and Maintenance



## Environmental

Gosling Czubak maintains one of the largest environmental staffs in Northern Michigan, including licensed engineers, certified geologists, certified hazardous materials managers, and trained field technicians. Our professionals are prepared to meet all of your environmental needs, whether your business area is manufacturing, oil and gas, landfills, mining operations, municipal works, or underground storage tanks.

By understanding funding programs and complex environmental regulations, Gosling Czubak can save you money and alleviate the problems of dealing with regulatory requirements.

Gosling Czubak is a State of Michigan Qualified Underground Storage Tank Consultant. Our staff offers clients decades of experience, in-house drilling capabilities, and an array of services to handle all phases of your project.

Regardless of your environmental needs, Gosling Czubak's Environmental Service Professionals are equipped to provide you with state of the art services, assisting you in achieving successful results on your project.

## Services

Soil Borings  
Pavement Investigation  
Materials Engineering  
Pile Load Testing Oversight  
Pile Design  
Soils Investigations and Reporting  
Foundation Engineering  
Laboratory Testing



## Geotechnical Engineering

### GEOTECHNICAL ENGINEERING

Gosling Czubak's geotechnical and foundation engineering department serves clients on projects ranging from retail centers, hospitals, commercial and industrial buildings to bridges, roads, public works, and private development projects. We conduct soils investigations, recommend appropriate foundation options, and provide construction observation for our clients. Our engineers define difficult conditions, recommend proper construction methods, and achieve reliable, timely, and affordable solutions. We make problem sites buildable.

Our in-house drilling capability provides prompt and thorough investigations of the on-site soil and groundwater conditions. Drilling crews have worked on thousands of projects throughout Michigan. Our drillers have a wealth of experience on jobs where the accurate and careful determination of geologic conditions is critical to a project's success.

## Services

Concrete Testing  
 Soils Testing  
 Construction Observation  
 Road Construction Engineering  
 Laboratory Analysis  
 Mix Design



## Materials Testing

### MATERIALS TESTING

Our approach to construction observation and materials testing goes beyond the obvious quality assurance role of determining if the construction work meets the plans, specifications, and industry standards. We become a member of the construction team. We help complete the project in an efficient, cost-effective, and quality manner. We offer positive, constructive input when difficulties do occur and participate in finding solutions. By emphasizing frequent communication between our clients and project personnel, we help keep your projects moving forward.

Our staff of field technicians is HAZWOPER certified and MDOT prequalified in the following classifications:

- Construction Inspection: Roadway
- Construction Inspection: HMA Pavement
- Construction Testing: Aggregates
- Construction Testing: Concrete
- Construction Testing: Density



## Services

Geotechnical Test Borings  
 Environmental Test Borings  
 Split Barrel Sampling  
 Shelby Tube Sampling  
 Multi-Level Ground Water/  
 Vapor Well Installation  
 Full Development and Well  
 Completion Services  
 Monitor Well Installation  
 Piezometer Installation  
 Well Abandonment  
 Site Access Snow Plowing



ROCK CORING SAMPLES

## Drilling

Drilling services are performed by our in-house drilling rig. Gosling Czubak has provided geotechnical and environmental drilling services throughout Michigan since 1978. Drilling personnel complete rigorous safety training and refresher courses annually.

Environmental and geotechnical drilling and site investigation services play an ever increasing role in providing positive project outcomes. By providing important soils and ground water information early in the design phase of a project, the engineer can take full advantage of the unique site characteristics. This can reduce the cost of overly conservative designs or can focus on site problems to develop solutions prior to the start of construction.

We have the ability to access difficult sites using ATV and tracked drill rigs. Our rigs can be mounted on barges to provide soils information about rivers and lake bottoms. Site investigation and sampling for environmental projects are critical in evaluating risks and potential cleanup requirements. The environmental professional must be able to depend on reliable drilling and sampling services to evaluate site conditions.

## Services

Urban Design / DDA /  
Downtown Streetscape and  
Corridors

Recreation Planning / Park  
Facility Development

Sustainable Site and  
Landscape Design

Marinas and Waterfronts

Residential / Commercial /  
Campus Site Development

Sports Facilities and Athletic  
Complexes

Non-motorized Trail Planning  
and Development

## Funding

Michigan Natural Resource  
Trust Fund

MDOT Transportation  
Enhancement Act

Great Lakes Fisheries Trust  
Fund

USDA—Rural Business  
Enterprise Grants

Michigan Economic  
Development Corporation

MDEQ Coastal Zone  
Management

MDNR Recreation Passport



SHARED PATHWAY - VILLAGE OF BEULAH

## Landscape Architecture

Gosling Czubak provides our clients with a full range of landscape architectural (LA) services. Our staff brings innovation, public awareness, and design creativity to help visualize a project dream. Our staff also possesses the technical training, licensure, funding and financing knowledge, and successful track record of taking dreams envisioned to a built reality.

We believe the most successful project approach is created when stakeholders are actively engaged at an appropriate level and frequency on each project. Our staff helps coordinate decision makers, their constituents, and funding and permitting agencies by developing valuable and cost effective tools to communicate the project's intent and goals. Computer generated and hand rendered graphics and visualizations, along with detailed unit cost projections, phasing and funding action programs, design charrettes and visioning sessions, are some of the tools frequently utilized by our team.

Our landscape architectural services integrate with other services the firm also provides. Engineering and environmental staff members provide key technical expertise on many LA led design projects. Survey, geotechnical, and construction testing staff support our multidisciplinary project design and implementation.

We help project dreams evolve into functional, aesthetic assets by use of effective communication, calculated stakeholder engagement, clearly defined phasing and funding, and well managed construction project implementation. We carefully listen to our clients and communities to guide them throughout the process.

Listed are Gosling Czubak's key managing staff members. Detailed resumes will be provided upon request. A full listing of Gosling Czubak's 40 employees and their titles will also be available upon request.

## *Name & Title*

## *Responsibilities*

**DOUGLAS A. COATES, PE**  
President

President and Chief Executive Officer. Responsible for client relations and QA/QC.

**CLYDE L. JOHNSON, PE**  
Director of Civil Engineering,  
Geotechnical and Materials Testing

Supervises municipal engineering projects. Responsible for client relations, scheduling training, management of water, wastewater and other municipal projects.

**CRAIG J. PULLEN, PS**  
Director of Land Surveying

Supervises survey activities, survey training, business development and QA/QC.

**KEVIN D. RINGWELSKI, CPG, PG**  
Director of Environmental and  
Drilling Services

Manages environmental engineering projects. Responsible for client relations and technical oversight. Specialized experience in hydrogeological evaluations.

**DONALD G. CONWAY, CPG, PG**  
Senior Project Manager

Manages environmental site assessments, site investigations, corrective action plans, remediation systems, closure applications for sites, wellhead protection programs.

**JEFFREY V. SIMSA, CPG, PG**  
Senior Project Manager

Manages remedial investigation and design projects, designs remediation systems for oil & gas industry, provides technical oversight and QA/QC review.

**KLAUS D. HEINERT, RLA**  
Landscape Architect

Manages landscape architecture services for municipalities and agencies.