

153rd Street and Ravinia Avenue Roundabout

RFQ #23-049



Village of Orland Park

October 9, 2023



ORLAND PARK



Date
October 9, 2023

To
Village of Orland Park
Office of the Village Clerk
14700 South Ravinia Avenue
Orland Park, Illinois 60462

Re
Request for Qualifications
#23-049
153rd Street and Ravinia Avenue
Roundabout
Phase II Design Engineering

Civiltech Engineering, Inc.

 www.civiltechinc.com

 **Itasca** 630.773.3900
Chicago 312.726.5910

 **Itasca**
Two Pierce Place, Suite 1400
Itasca, IL 60143
Chicago
30 N LaSalle Street, Suite 3220
Chicago, IL 60602

Follow us on social media.



Dear Office of the Village Clerk:

We enthusiastically submit our qualifications to provide Phase II Design Engineering Services for the 153rd Street and Ravinia Avenue Roundabout. We are very interested in this project as it includes all the components at which Civiltech excels.

Our primary area of expertise includes the implementation of federally funded improvements processed and approved through the IDOT Bureau of Local Roads and Streets. We have been completing these projects since our inception in 1988, and over the past 10 years have as many as 25-30 Federal-aid projects ongoing at any given time. We are therefore always up to date with changing policies and procedures that relate to the implementation of these type of projects. We have established relationships with staff at IDOT BLRS who work towards the same end goal as us; to successfully complete these projects within the schedules that our local agencies have committed to their councils of mayors.

As the Village's engineering partner on this important project, Civiltech offers:

- Extensive Design Engineering experience with Roundabout and complex intersection improvement projects.
- A successful history of implementing large scale federally funded projects for local agencies.
- An outstanding knowledge of IDOT BLRS design requirements, especially as it pertains to Roundabouts for municipal agencies.
- An integrated Right of Way Department supporting our designers that anticipates roadblocks and strategically navigates the land acquisition processes and property owner concerns to minimize schedule impacts.
- A Construction Engineering services group that will provide ongoing input and reviews to our design team as part of our established QA/QC processes ensuring a implementable and shovel-ready design.
- A strategically assembled team with subconsultants that not only possesses outstanding levels of design expertise, but also the local knowledge that is needed to ensure that all goals and objectives of the Village are met.
- A talented, multi-disciplined staff able to cover all of the unique services required for a successful project outcome.

We appreciate the opportunity to continue providing engineering services to the Village with this exciting project. Please contact me with any questions. I can be reached at 630.735.3382 or by email at jvana@civiltechinc.com. I look forward to hearing from you.

Yours truly,

Jonathan R. Vana, P.E.
Director of Design Services | President

CIVILTECH ENGINEERING, INC.



SECTION 1

Operating History

Company Experience

Key Personnel

Project Understanding & Approach

Required Forms



FIRM PROFILE

Chicago's Leading Transportation Engineering Firm

Civiltech Engineering, Inc. is an engineering firm with its primary focus on transportation and civil engineering. The firm offers a wide range of services while maintaining a high level of integrity and attention to detail on each and every area of the job.

Civiltech's municipal client list includes over 85 villages and cities in the Chicago and Northern Illinois region, the Illinois Tollway, Illinois Department of Transportation, Chicago Department of Transportation, multiple county and township DOTs, additional public agencies, as well as private sector clients. Civiltech realizes that success lies in the individual service and attention we provide to our clients. We are committed to providing top quality consulting engineering services. Through the years, we have earned a reputation for professional excellence and integrity.

Doing Business with Civiltech

Civiltech Engineering, Inc. was established in 1988 as a privately held Illinois corporation. We are licensed to do business in the States of **Illinois and Wisconsin**.



Corporate Headquarters

Two Pierce Place, Suite 1400
Itasca, IL 60143

Chicago Office

30 N LaSalle St., Suite 3220
Chicago, IL 60602

35
Years of Service

3,800 Projects & Counting
260+ Satisfied Clients

140+
Dedicated Employees

56
Licensed P.E.'s

**Technical excellence.
Responsive service.
Local knowledge.**

**Civiltech is a
leader in innovative
planning, design, and
construction solutions.**

Strong Reputation

We have developed a rapport with our municipal clients such that we have a clear understanding of the communications necessary with not only your staff but also the residents and business owners involved in any given project.

Responsiveness

Civiltech is responsive to our client's needs. We meet or exceed the client's schedule and requirements, and are always readily available if a problem arises in design or during construction. We stand behind our work.

Quality Work

We provide a quality product with a qualified and friendly staff. Our goal is to achieve 100% client satisfaction.

Adaptable

We continually keep abreast of current and/or changing federal and state funding programs that may be of financial benefit to the community.

Knowledge Sharing

Civiltech performs engineering services for many other municipalities, and therefore can share our experiences and information on techniques, new products or innovations that other communities are using that might be of benefit in your community.

Creative Solutions

Civiltech's staff has an enthusiasm for practical, yet creative, design and engineering solutions.



TRANSPORTATION ENGINEERING SERVICES

A Full Suite of Services

Our multi-disciplinary team provides comprehensive transportation engineering services for whatever your project requires.

Transportation Design

Expressway and Highway Design

- Freeway and Tollway Design
- Arterial Highway Design
- Pedestrian and Bicycle Design
- Drainage and Utility Design
- Lighting Design



Traffic Signals and Intelligent Transportation Systems

- Traffic Signal Design
- Signal System Design
- Surveillance and Communication Systems

Traffic Engineering

- Traffic Counts and Data Analyses
- Crash Analyses and Safety Studies
- Traffic Modeling and Simulation
- Traffic Impact Studies Feasibility Studies
- Intersection and Interchange Design Studies
- Neighborhood Traffic Management and Traffic Calming



Civil Engineering

Municipal Engineering

- Infrastructure Management
- Street Rehabilitation and Reconstruction
- State and Federal-aid Grant Applications
- Project and Program Planning and Implementation
- Pedestrian and Bicycle Facilities
- Storm Drainage Studies
- Water and Sewer Systems Rehabilitation and Replacement
- Traffic Signals and Signal Systems
- Street Lighting
- Streetscape Enhancement
- Topographic and Route Surveys



Civil Site Engineering

- Site Evaluation, Planning, and Engineering
- Parking Lot Design
- Traffic Impact Studies
- Site Access and Off-Site Roadway Improvements
- Storm Drainage Design
- Water and Sewer Systems
- Utility Coordination and Permitting
- Site Lighting
- Park Design

Environmental Studies

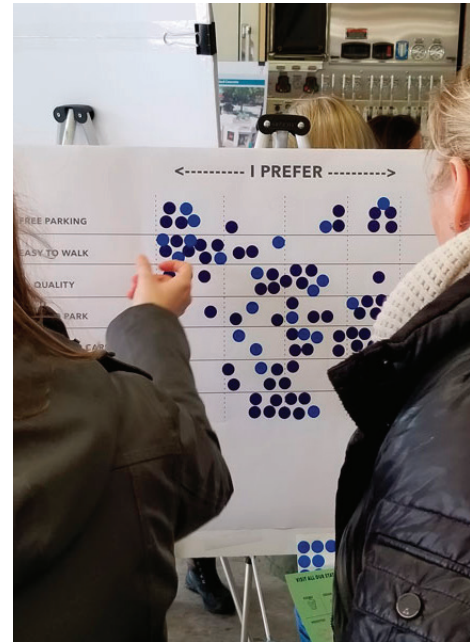
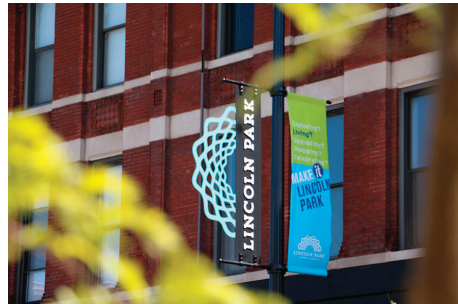
- Environmental Impact Statements and Assessments
- Location and Design Studies
- Project Development Reports
- Location Drainage Studies
- Highway Noise Analyses
- Context Sensitive Solutions
- Historic Preservation Coordination
- Public Involvement Programs
- Design Visualizations

Construction Engineering

- Preconstruction Plan Review
- Constructability Reviews
- Construction Inspection
- Documentation
- Project Management
- Scheduling
- Materials Coordination Utilities Coordination
- Quality Control
- Quality Assurance of Material Testing
- Pay Estimates
- Construction Layout Verification
- Project Communication/Website Development & Hosting
- Stakeholder Coordination/Public Notification
- Erosion Control Inspection
- Traffic Control Inspection
- Final Inspection/Documentation



TRANSPORTATION ENGINEERING SERVICES



Water Resources

- Drainage and Utility Design
- Storm Sewer and Detention Basin Design
- Culvert and Bridge Hydraulic Structures Design
- Bridge Scour Evaluations
- Bank Stabilization
- Floodplain Permitting and Analysis
- Hydrologic and Hydraulic Modeling and Analysis
- Stormwater and Environmental Permitting
- Best Management Practices
- Stormwater Pump Stations

Structural Design

- Bridge Inspections
- Load Ratings
- Highway Bridges
- Railroad Bridges
- Pedestrian and Bicycle Bridges
- Underpasses
- Retaining Walls
- Bridge Inventory Program Management
- Drainage Structures
- Braced Excavations
- Vaulted Sidewalks

Right of Way

- Appraisals
- Appraisal Review
- Negotiation
- Relocation
- State Agency Coordination
- Right of Way Consulting
- Litigation Support Services
- Expert Testimony
- Specialty Reports

Urban Design

Streetscape Design

- Pedestrian Plaza Design
- Lighting
- Street Furnishings
- ADA Compliance
- Pedestrian and Bicycle Facilities
- Community Identifiers and Place Making

Landscape Architecture

- Trail System Design
- Park and Recreational Design
- Tree and Planting Design
- Gateway Treatments
- Graphics and Rendering
- Green Infrastructure

Transportation Planning

- Data Analytics
- Community, Neighborhood, and Corridor-level Planning
- Complete Streets
- Pedestrian and Bicycle Facilities
- Access to Transit Design
- Project Idea Generation and Grant Writing
- Creative Community Engagement
- Public Involvement Tech Tools
- Plangineering: Planning within a Phase I or II Engineering Project
- GIS/Mapmaking/Visual Display of Information

Program Management

- Field Survey and Asset Inventory
- Cost Estimating and Budget Programming
- Design and Permitting
- Agency and Stakeholder Coordination
- Project Sequencing and Construction Administration
- QC/QA
- Mapping and Exhibit Preparation
- Documentation and Reporting
- Development of Standards and Manuals
- Data Management



CLIENT PARTNERS

A Vast Network of Local Knowledge

Civiltech provides our clients a partner they can count on to deliver meaningful improvements and positive project outcomes for all of the users of their transportation networks and infrastructure.

Municipalities

- Village of Addison
- Village of Arlington Heights
- City of Aurora
- Village of Barrington
- City of Batavia
- Village of Bensenville
- Village of Berkeley
- Village of Bloomingdale
- Village of Bridgeview
- Village of Brookfield
- Village of Buffalo Grove
- City of Crystal Lake
- Village of Deer Park
- Village of Deerfield
- City of Des Plaines
- Village of Downers Grove
- Village of East Hazel Crest
- City of Elgin
- Village of Elk Grove Village
- City of Elmhurst
- City of Evanston
- Village of Fox Lake
- Village of Glendale Heights
- Village of Glen Ellyn
- Village of Glenview
- Village of Grayslake
- Village of Gurnee
- Village of Hanover Park
- Village of Hazel Crest
- Village of Hinsdale
- City of Highland Park
- Village of Hoffman Estates
- Village of Homewood
- Village of Huntley
- Village of Itasca
- City of Joliet
- Village of Lake Barrington
- City of Lake Forest
- Village of Lemont
- Village of Libertyville
- Village of Lisle
- City of Lockport
- Village of Lombard
- City of McHenry
- City of Marengo
- City of Milwaukee, WI
- Village of Morton Grove
- Village of Mount Prospect



- Village of Mundelein
- City of Naperville
- Village of Niles
- Village of Northbrook
- Village of Oak Brook
- Village of Orland Park
- Village of Palatine
- Village of Park Forest
- City of Park Ridge
- Village of Robbins
- Village of Schaumburg
- Village of Vernon Hills
- Village of Villa Park
- City of West Chicago
- Village of Wilmette
- Village of Winnetka
- Village of Winfield
- City of Woodstock

Regional Agencies

- Chicago Metropolitan Agency for Planning
- Cook County Department of Transportation and Highways
- DuPage County Division of Transportation
- Forest Preserve District of Cook County
- Illinois Department of Transportation
- Illinois Tollway
- Kane County Division of Transportation
- Lake County Division of Transportation
- Lake County Forest Preserve District
- McHenry County Division of Transportation
- Will County Division of Transportation

Other Client Partners

- Addison Fire Protection District
- Addison School District #4
- Arlington Heights School District 25
- Bloomingdale Fire Protection District
- Chicago Department of Transportation
- Chicago Park District
- Chicago Zoological Society
- College of DuPage
- Crystal Lake Park District
- Huntley Park District
- Libertyville High School District #128
- Mission Hills
- Morton Arboretum
- Palatine Public Library
- Palatine Fire Protection District
- River Forest School District 90
- South Suburban Mayors & Managers Association
- United States Postal Service
- Vernon Township
- Villa Park Fire Department



TALENT

Diverse Specialized Expertise

Since Civiltech was founded, we have grown to a staff of **over 140 professionals** including **56 Licensed Professional Engineers**.

Director

Licensed Professional Engineer

Other Licensed Professional

OUR TRANSPORTATION ENGINEERING SERVICES STAFF

Environmental & Design Studies

Jen Hyman, P.E.

10 professionals

Design

Jon Vana, P.E.

10 professionals

Construction Engineering

Jim Ewers, P.E.

15 professionals

Urban Design + Traffic

Mike Folkening, P.E., PTOE

Planning: 5 professionals
Traffic: 5 professionals

Water Resources

Tom Liliensiek, P.E., CFM

5 professionals

Chicago Office

Chris Wolff, P.E.

15 professionals

Structures

Greg Hatlestad, P.E., S.E.

3 professionals

Right of Way

Dave White

3 professionals

Landscape Architecture

Phil Hutchinson, LEED AP, PLA

3 professionals

	Licensed Professional Engineer	56
	Certified PTOE	8
	Certified Floodplain Manager	6
	Licensed Drone Pilot	2
	LEED Certified Professional	3
	Licensed Appraiser	2
	AICP Certified Planner	2
	Lighting Engineer	2
	Licensed Structural Engineer	2
	Traffic Signal Engineer	1
	Road Safety Professional	1
	Professional Landscape Architect	1
	Professional Geologist	1

Years of Experience at Civiltech Among Our Transportation Services Staff

≤4	56
5-10	30
11-15	11
16+	37

Our Operations Staff

Kyle Mishler

Finance

Bob Atchison

Human Resources

Information Technology

Marketing

Civiltech's Operations Staff partner with our Engineering team and provide robust services that keep the firm and our projects running smoothly.



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 2, 2023

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Jonathan Vana
CIVILTECH ENGINEERING, INC.
Two Pierce Place
Suite 1400
Itasca, IL 60143

Dear Jonathan Vana,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2022. Your firm's total annual transportation fee capacity will be \$43,200,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 125.88% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2023. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,
Jack Elston, P.E.
Bureau Chief
Bureau of Design and Environment

SEFC PREQUALIFICATIONS FOR CIVILTECH ENGINEERING, INC.

CATEGORY	STATUS
Environmental Reports - Environmental Assessment	X
Special Plans - Traffic Signals	X
Special Services - Construction Inspection	X
Hydraulic Reports - Waterways: Typical	X
Structures - Highway: Advanced Typical	X
Structures - Highway: Simple	X
Hydraulic Reports - Waterways: Complex	X
Special Studies - Feasibility	X
Location Design Studies - Rehabilitation	X
Location Design Studies - New Construction/Major Reconstruction	X
Highways - Freeways	X
Special Studies - Safety	X
Location Design Studies - Reconstruction/Major Rehabilitation	X
Special Services - Public Involvement	X
Highways - Roads and Streets	X
Hydraulic Reports - Pump Stations	X
Special Studies - Traffic Studies	X
Special Services - Landscape Architecture	X
Environmental Reports - Environmental Impact Statement	X
Structures - Highway: Typical	X
Special Studies- Location Drainage	X
Special Plans - Lighting: Typical	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST



SECTION 2

Operating History

Company Experience

Key Personnel

Project Understanding & Approach

Required Forms



Darrell Road Phase II

Lake County Division of Transportation



Scope of Services

Roundabout and Innovative Intersection
Drainage Design
Lighting Design
Preparation of Contract Plans,
Specifications & Estimates
Retaining Walls

Construction Cost

\$14.8 million

Funding

Rebuild Illinois

Status

Phase I Completed April 2022

Phase II is ongoing

Client Contacts

Matt Emde

Lake County Division of Transportation

memde@lakecountyil.gov

847.377.7454

Roadway Reconstruction and Roundabout Design. Civiltech provided Phase I Preliminary Engineering services to study this project and is currently providing Phase II Design Engineering services.

This project involves the reconstruction of Darrell Road from Case Road to Fisher Road. In the existing conditions, Neville Road and Case Road are T-intersections located just 300 feet apart. Case Road will be realigned to the north to provide a single intersection with Darrell Road and Neville Road at a new, single lane roundabout. At Dowell Road, the existing intersection with Darrell Road is at a very tight angle. Dowell Road will be realigned to intersect Darrell Road at closer to 90 degrees, and the intersection will also be replaced with a roundabout. At the northern intersection (Fisher Road), a third roundabout will be constructed to replace the existing T-intersection. Construction of the roundabouts will be performed under full closures of Darrell Road over the course of two construction seasons, with traffic detoured to the east to IL Route 59.

A 10-foot wide shared-use path will be constructed along the east side of Darrell Road between the Case/Neville roundabout and the Fisher roundabout. The section of path between Dowell Road and Fisher Road is part of the planned Grand Illinois Trail. The pedestrian crossing at Dowell Road will allow the IDNR to continue the path construction to the west into McHenry County.

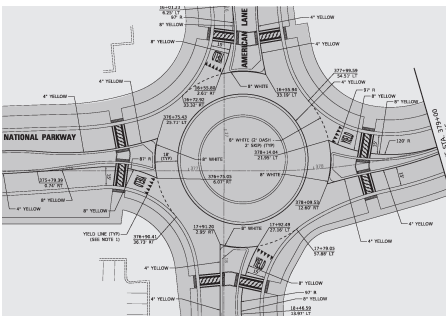
The project crosses three watersheds and is being designed to meet the requirements of the Lake County Watershed Development Ordinance, including the construction of four detention basins. Retaining walls will be installed near the Fisher Road intersection to limit impacts to the adjacent wetlands and floodplains.

Street lighting will be installed at each of the roundabouts. Because of the proximity of the roundabouts, continuous lighting will be provided between Dowell Road and Fisher Road. Cameras will also be installed at each intersection to allow the County to monitor traffic from their Transportation Management Center.



National Parkway Roadway Improvements - IL Route 58 (Golf Road) to Woodfield Road

Village of Schaumburg



Scope of Services

- Roundabout and Innovative Intersection
- Drainage Design
- Lighting Design
- Traffic Signal Design
- Box Culvert Design
- Preparations of Contract Plans, Specifications & Estimates

Construction Cost

\$10.5 million

Funding

- STP
- Rebuild Illinois
- Local

Status

Phase II Completed in January 2023

Client Contact

Michael Hall, P.E.
Village of Schaumburg
mhall@villageofschaumburg.com
847.923.6616

Multiple Funding Sources for a Roadway Reconstruction and New Roundabout. Civiltech provided Phase II Engineering services for this reconstruction project that includes bike and pedestrian facilities, improved drainage, and a new roundabout.

This project is for the reconstruction of National Parkway from Woodfield Road to Golf Road. As part of this project, the conventional intersection of National Parkway and American Lane is being replaced with a modern roundabout. North of American Lane, National Parkway is being narrowed to provide a single through lane in each direction. An 8 ft-wide bikepath is being constructed on the west side of the roadway and a 5 ft-wide sidewalk on the east side. The existing drainage system is being replaced, including the installation of a large concrete box culvert within the median to replace the existing dual 96" corrugated metal pipes that carry the floodway. The design of the culvert includes mitigation of poor sub-grade soil conditions to prevent future differential settlement. A new lighting system is being installed throughout the project, and the existing traffic signals at Golf Road are being modified.

The project was broken out into a locally let and funded improvement south of American Lane using Rebuild Illinois funds, and the roundabout and remaining northern portion of the project is using STP funding for construction. Several parcels of right of way are required to construct the northern construction contract. Civiltech scope included preparation of the necessary right of way documents, appraisals, and property owner negotiations under the Phase II Engineering contract.



14th Street Reconstruction – IL Route 131 to Jackson Street

Lake County Division of Transportation



Scope of Services

- Roadway and Highway Design
- Bicycle and Pedestrian Facility Design
- Traffic Signal and Signal System Design
- Drainage Design
- Lighting Design
- Pavement Design
- Preparation of Contract Plans, Specifications and Estimates
- Right of Way Acquisition

Construction Cost
\$13.4 million

Funding
STP

Status
Phase I Completed 2016
Phase II Completed 2018
Construction Completed 2021

Client Contact
Tom Somodji
Lake County Division of Transportation
tsomodji@lakecountyil.gov
847.377.7485

Improvements for all Modes of Transportation. Civiltech provided Phase I and Phase II Engineering services on this Federal-aid project.

The 14th Street reconstruction included narrowing the existing street to three lanes with one 12-foot lane in each direction with a 3-foot paved shoulder, B-6.24 curb and gutter, and a 12-foot center shared turn lane. A 10-foot shared-use path was constructed on the north side of 14th Street, and a 5-foot sidewalk was constructed on the south side. 14th Street previously had limited pedestrian facilities with intermittent sidewalks that varied in width and condition. The improvement included the installation of street lighting. Eleven bus stop pads and 6 shelters were installed along 14th Street to accommodate local PACE users.

The all-way stop at the intersection of 14th Street and Dugdale Road was replaced with a single lane roundabout which improves safety at the intersection and decreases vehicle delay. Crosswalks and pedestrian refuge islands were constructed to shorten the crossing distances. Traffic signal modifications were included at three intersections along 14th Street - IL Route 131, Lewis Avenue, and Jackson Street.

The 10-foot shared-use path benefits both local and regional bicyclists. Local users now enjoy connections to Novak-King Elementary School, Twin City Park, and the Greenbelt Forest Preserve. Regional bicyclists now have access to the continually growing Lake County Bikeways and other regional bike paths.

This project was coordinated through the cities of North Chicago and Waukegan. Public involvement meetings were held to inform the public of the project process. A stakeholder involvement group, consisting of community leaders, business owners, and residents, ensured that identified solutions balanced community and technical needs. Because of the impacts to the Greenbelt Forest Preserve, a 4(f) Evaluation was prepared which resulted in a de minimis impact finding. Acquisition of a combination of temporary and permanent right of way involved 22 parcels.



East Lake Avenue and Waukegan Road Intersection Improvements

Village of Glenview



Scope of Services

Roadway and Highway Design
Drainage Design
Traffic Signal Design
Lighting Design
Appraisal

Construction Cost
\$2.0 million

Funding
CMAQ

Status
Phase II Ongoing

Client Contact
Adriana Webb
Village of Glenview
awebb@glenview.il.us
847.904.4400

Improvements to an IDOT and Cook County Intersection. Civiltech is providing Phase II Design Engineering services for this project involving IDOT and Cook County routes.

This project consists of the widening and resurfacing of the East Lake Avenue and Waukegan Road intersection, including the addition of dedicated right turn lanes on all legs of the intersection. IDOT completed the Phase I study for the project since Waukegan Road is under their jurisdiction (IL Route 43).

The Village of Glenview was successful in obtaining CMAQ funds for the design and construction of the project, and selected Civiltech to perform the Phase II Engineering. During Phase II, the Village requested a revision to the approved design of the median on the east leg of the intersection. Civiltech worked with the Village and Cook County, who has jurisdiction of East Lake Avenue, to develop a concept for extending the barrier median further to the east to improve safety with the various access points to the commercial properties to the north. These modifications will require approval of a PDR Addendum being prepared by Civiltech.

The project also includes the full replacement of the traffic signal, replacement of the street lighting along Waukegan Road, and addition of street lighting along East Lake Avenue. Utility coordination will be a key component of the project. It is anticipated that multiple utilities, including overhead ComEd lines, will need to be relocated to accommodate the addition of the right turn lanes and wider sidewalks. Land acquisition, including permanent acquisition and temporary easements, is also anticipated to be required from 5 parcels. CMAQ funds will be used for the land acquisition services, as well as the land costs.



Intersections Studies – Springinsguth Road/Weathersfield Way & Wise Road/Summit Drive

Village of Schaumburg



Scope of Services

Traffic Engineering
Crash Analysis
Roundabout and Innovative Intersection

Construction Cost
N/A

Funding
Local

Status
Complete

Client Contact
Karyn Robles
Village of Schaumburg
847.923.3859
krobles@schaumburg.com

Recommending Roundabouts to Improve Intersections. Civiltech was retained to recommend alternatives to enhance safety and reduce congestion at two locations in Schaumburg.

The intersections of Springinsguth Road/Weathersfield Way and Wise Road/Summit Drive are central to residential neighborhoods, yet carry heavy traffic volumes leading to congestion and delays. In addition, parks, schools, and community centers draw pedestrian and bicycle traffic through these intersections, leading to conflicts between these active modes and motor vehicle traffic.

Civiltech collected traffic and crash data, performed capacity analyses, and reviewed and recommended alternatives to address the Village’s concerns. Short to medium-term options investigated included signage and striping modifications, traffic signal installation, curb extensions, and pedestrian refuge islands. Ultimately, both intersections were recommended to be reconstructed as single-lane modern roundabouts. In order to minimize the footprints of the roundabouts, conversion of the major street approaches to a single lane in each direction (road diet) was recommended for further investigation.



SECTION 3

Operating History

Company Experience

Key Personnel

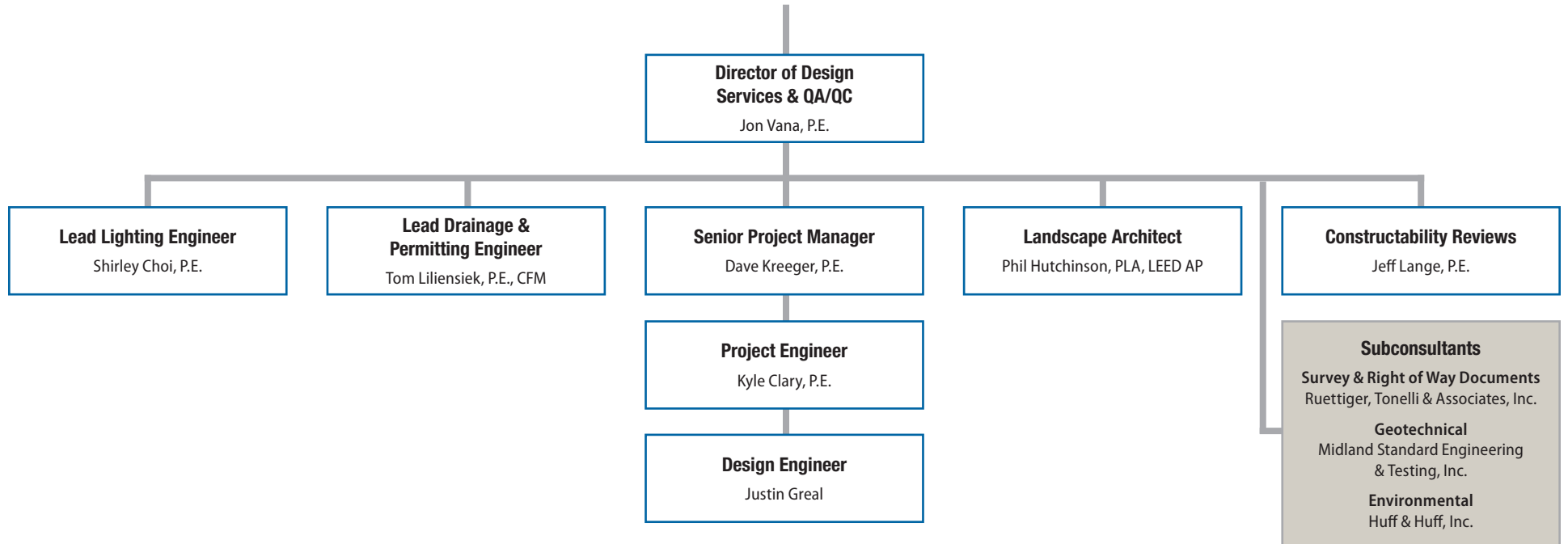
Project Understanding & Approach

Required Forms



KEY PERSONNEL

Organizational Chart





Jon Vana, P.E.

Director of Design Services



Expertise

Freeway and Tollway Design
Roadway and Highway Design
Preparation of Contract Plans,
Specifications and Estimates
Drainage Design
Street Rehabilitation and Reconstruction
Site Design Engineering
Construction Inspection

Education

B.S. Civil Engineering, 1994
Valparaiso University

Professional Registrations

Professional Engineer - Illinois; 062-055021
Professional Engineer - Wisconsin; 47653-6

Professional Organizations

American Public Works Association
American Society of Civil Engineers
ACEC - Illinois Tollway Subcommittee
ACEC - IDOT District 1 Subcommittee

Employed in civil and transportation engineering since 1994, Jon's experience is in the design of roadways, highways, municipal infrastructure, and civil site development. He is highly engaged at the project level with our talented design engineering staff. Jon serves as senior project manager for the design of highway and expressway projects, as well as provides municipal engineering services for local street and utility infrastructure projects. In addition, Jon provides quality management services for all of Civiltech's design engineering projects and possesses extensive knowledge of the Federal-aid process for the design of transportation projects, which results in cost effective and timely implementation of projects.

Representative Projects

Roadway and Highway Design

York/Harger Intersection and Underpass Improvement; Village of Oak Brook; \$7.4 million

Weiland Road - Lake Cook Road to IL Route 22 and Lake Cook Road - Buffalo Grove Road to Hastings Lane; Village of Buffalo Grove and Cook County Department of Transportation and Highways; \$68.0 million

Fairfield Road/IL Route 176 Junction Improvement; Lake County Division of Transportation; \$15.0 million

IL Route 31 Algonquin Western Bypass; McHenry County Division of Transportation; \$64.0 million

U.S. Route 30, U.S. Route 45 to IL 43; Illinois Department of Transportation; \$30.0 million

Atkinson Road Extension; Village of Grayslake; \$6.0 million

Barrington Road at Schaumburg Road; Village of Schaumburg; \$7.4 million

Shoe Factory Road Improvements; Village of Hoffman Estates; \$15.5 million

Stearns Road; Kane County Division of Transportation; \$9.0 million

Wright Boulevard; Village of Schaumburg; \$5.3 million

Ridge Avenue, Lyons Street to Howard Street, Phase I, II and III; City of Evanston; \$7.1 million

Wise Road Phase II Improvements; Village of Schaumburg; \$6.3 million

Quentin Road Improvement, Long Grove Road to North of U.S. Route 12; Lake County Division of Transportation; \$10.0 million

Haligus Road STP Improvement; Village of Huntley; \$1.8 million

U.S. Route 14/Davis Street/Arthur Avenue Intersection Improvement - Stage 3; Village of Arlington Heights; \$2.5 million

Lively Boulevard STP Improvement, Devon to Touhy; Village of Elk Grove Village; \$5.0 million

Biesterfeld Road and Widening and Reconstruction; Village of Elk Grove Village; \$2.0 million

Rollins Road Extension; Lake County Division of Transportation; \$5.4 million

Devon Avenue and Tonne Road STP Intersection Improvement; Village of Elk Grove Village; \$2.1 million

Hawthorne Lane STP Improvement, Arbor Avenue to Prince Crossing Road; City of West Chicago; \$1.8 million



Jon Vana, P.E.

Director of Design Services

Representative Projects (Continued)

Roadway and Highway Design (Continued)

Busch Parkway/Deerfield Parkway Connector; Village of Buffalo Grove; \$1.6 million

Bell Road and 151st Street Intersection Improvement; Will County Highway Department; \$2.5 million

IL Route 43 and Westmoreland Drive Intersection Improvement; City of Lake Forest; \$600,000

Quentin Road and Lake Cook Road Improvements; Village of Deer Park; \$8.0 million

IL Route 83/Busse Road and Devon Avenue STP Intersection Improvement; Village of Elk Grove Village; \$3.65 million

IL Route 83/Busse Road and Landmeier Road Intersection Improvement; Village of Elk Grove Village; \$2.57 million

Freeway and Tollway Design

Elgin O'Hare Western Access (EOWA) IL-390, Lively Boulevard to Supreme Drive; Illinois Tollway; \$88.9 million

I-90 Pavement Rehabilitation (Elmhurst Road to Golf Road); Illinois Tollway; \$20.0 million

Northwest Tollway Resurfacing, Newburg Road to IL Route 173; Illinois Tollway; \$14.2 million

I-90 Master Plan, IL Route 53 to Higgins Road; Illinois Tollway; \$240.0 million

Street Rehabilitation and Reconstruction

South Broadway Improvements; Village of Lombard; \$2.0 million

Duane Street Main Basin Improvement; Village of Glen Ellyn; \$2.5 million

North Industrial Park Street Rehabilitation; Village of Lombard; \$2.7 million

Special Assessment 219 Watermain and Sanitary Sewer Replacement; Village of Lombard; \$1.0 million

Olde Towne East Project; Village of Lombard; \$5.0 million

Lombard Road STP Project Fullerton Avenue to U.S. Route 20; Village of Addison; \$3.4 million

Lombard Hills East Residential Street Improvement; Village of Lombard; \$9.0 million

Bikeway and Pedestrian Facility Design

Gilmer Road over Bicycle Path Underpass; Lake County Forest Preserve District; \$1.3 million

Grand Avenue Underpass; Lake County Forest Preserve District

Monaville Road Bike Path Underpass; Lake County Division of Transportation; \$1.6 million

York Road/Harger Road Bicycle/Pedestrian Path STP Improvement; Village of Oak Brook; \$1.9 million

Busse Road Transit Corridor Improvement Project; Village of Elk Grove Village; \$1.1 million

Site Design Engineering

Nike Site Redevelopment Stage 1B, Stevenson High School Parcel; Adlai E. Stevenson High School District #125; \$1.5 million

Fort Drum Exchange Site Design; The Jenkins Group

Offutt Air Force Base Exchange; The Jenkins Group; \$4.0 million

Robins Air Force Base Commissary; The Jenkins Group; \$2.0 million

Fort McCoy Commissary; The Jenkins Group; (Site Design Engineering) \$500,000

Elk Grove Town Center; Hamilton Partners; \$3.0 million

Prairie Point Center; Hamilton Partners; \$2.2 million

Fort Hamilton Commissary; The Jenkins Group; \$700,000

Scott Air Force Base Exchange Project; The Jenkins Group; \$2.2 million



Dave Kreeger, P.E.

Senior Project Manager



Expertise

Roadway and Highway Design
Street Rehabilitation and Reconstruction
Bikeway and Pedestrian Facility Design
Drainage Design

Education

B.S. Civil Engineering, 1998
Valparaiso University

Professional Registrations

Professional Engineer - Illinois; 062-056261

Dave has been employed in private consulting engineering since June 1998. He currently serves as a Project Manager for Phase II projects, including roadway geometrics and drainage, sewer and watermain design, local street rehabilitation and reconstruction, and pedestrian facility design.

Representative Projects

Roadway and Highway Design

Beverly Road Bicycle Facility and Road Resurfacing; Village of Hoffman Estates; \$2.7 million

National Parkway Roadway Improvements; Village of Schaumburg; \$10.5 million

Darrell Road Phase II; Lake County Division of Transportation; \$14.8 million

National Parkway Resurfacing Higgins (IL 72) to Woodfield Rd; Village of Schaumburg; \$645,000

Rodenburg Road Improvements; Village of Schaumburg; \$4.7 million

Rockland Road (Des Plaines River to St. Mary's Road); Libertyville Township; \$2.0 million

IL Route 43 and Everett Road; City of Lake Forest; \$2.5 million

Shoe Factory Road Improvements; Village of Hoffman Estates; \$14.0 million

Woodfield Road (Martingale Road to IL 53 East Frontage Road); Village of Schaumburg; \$8.1 million

Woodfield Road (Meacham Road to Martingale Road); Village of Schaumburg; \$6.6 million

Gilmer Road and Midlothian Road; Lake County Division of Transportation; \$10.6 million

Lively Boulevard Resurfacing; Village of Elk Grove Village; \$1.4 million

State and National Parkways; Village of Schaumburg; \$6.0 million

Algonquin Road at West Drive Intersection Improvements; Village of Schaumburg; \$2.4 million

Lake Cook Road; Village of Buffalo Grove; \$48.0 million

J.F. Kennedy Boulevard and Elk Grove Boulevard Resurfacing; Village of Elk Grove Village; \$3.0 million

Salem Drive - Bode Road to Golf Road; Village of Schaumburg; \$2.5 million

Lively Boulevard Reconstruction; Village of Elk Grove Village; \$3.2 million

Walnut Lane - Golf Road to Bode Road; Village of Schaumburg; \$2.5 million

Fairfield Road/Route 176; Lake County Division of Transportation; \$11.8 million

Barrington Road at Schaumburg Road; Village of Schaumburg; \$6.6 million

IL Route 83 at Greenleaf Avenue; Village of Elk Grove Village; \$3.8 million

IL Route 83 at Pratt Boulevard; Village of Elk Grove Village; \$3.4 million

Greenwood Road at Glenview Road; Village of Glenview; \$3.9 million

Essington Road at Hennepin Drive; City of Joliet; \$2.7 million



Dave Kreeger, P.E.

Senior Project Manager

Representative Projects (Continued)

Roadway and Highway Design (Continued)

Wright Boulevard; Village of Schaumburg; \$5.3 million

Wise Road Phase II Improvements; Village of Schaumburg; \$6.3 million

Halgus Road STP Improvement; Village of Huntley; \$1.8 million

Devon Avenue and Arlington Heights Intersection Phase II; Village of Elk Grove Village; \$3.3 million

Lively Boulevard STP Improvement, Devon to Touhy; Village of Elk Grove Village; \$5.0 million

Biesterfield Road and Leicester Road Intersection Realignment and Widening; Village of Elk Grove Village; \$1.0 million

U.S. Route 30, U.S. Route 45 to IL 43; Illinois Department of Transportation; \$30.0 million

IL Route 83 (Busse Road) and Devon Avenue STP Intersection Improvement; Village of Elk Grove Village; \$3.6 million

Devon Avenue and Tonne Road STP Intersection Improvement; Village of Elk Grove Village; \$2.1 million

Quentin Road and Lake Cook Road Improvements; Village of Deer Park; \$8.0 million

Street Rehabilitation and Reconstruction

Arlington Heights Road Improvements; Village of Elk Grove Village; \$5.9 million

Biesterfield Road Resurfacing; Village of Elk Grove Village; \$840,000

Biesterfield Road Widening and Reconstruction, Meacham Road to IL Route 53; Village of Elk Grove Village; \$2.0 million

Circle Avenue; Village of Lombard; \$1.4 million

Lombard Meadows Reconstruction Phase I and II; Village of Lombard; \$5.2 million

Olde Towne East Project; Village of Lombard; \$5.0 million

Lombard Road STP Project Fullerton Avenue to U.S. Route 20; Village of Addison; \$3.4 million

Lombard Hills East Residential Street Improvement; Village of Lombard; \$9.0 million

North Industrial Park Street Rehabilitation; Village of Lombard; \$2.7 million

Bikeway and Pedestrian Facility Design

Madison Road Sidewalk; Village of Elk Grove Village; \$1.5 million

Randall Road Transit Infrastructure Improvements; Kane County Division of Transportation; \$800,000

Fairfield Road/Route 176 Underpass; Lake County Division of Transportation; \$5.2 million

Main Street Streetscape and Resurfacing LAPP; Village of Lombard; \$900,000

Monaville Road Bike Path Underpass; Lake County Division of Transportation; \$1.6 million

York Road/Harger Road Bicycle/Pedestrian Path STP Improvement; Village of Oak Brook; \$1.9 million

Busse Road Transit Corridor Improvement Project; Village of Elk Grove Village; \$1.1 million

Drainage Design

Fairfield Rd/IL 176; Lake County Division of Transportation; \$11.8 million

Elk Grove Business Park; Village of Elk Grove Village; \$12.0 million

Halgus Road STP Improvement; Village of Huntley; \$1.8 million

Quentin Road and Lake Cook Road Improvements; Village of Deer Park; \$8.0 million



Kyle Clary, P.E.

Engineer IV



Expertise

Roadway and Highway Design
Street Rehabilitation and Reconstruction
Bikeway and Pedestrian Facility Design
Preparation of Contract Plans and Estimates
Pavement Design

Education

B.S. Civil Engineering, 2013
University of Illinois, Urbana-Champaign

Professional Registrations

Professional Engineer - Illinois; 062-069889

Kyle graduated from the University of Illinois at Urbana-Champaign College of Engineering, with Transportation and Geotechnical specialization. Kyle specializes in roadway and highway design, street rehabilitation and reconstruction, and pavement design. He also has extensive experience with bikeway and pedestrian facility design.

Representative Projects

Roadway and Highway Design

U.S. Route 6 over Marley Creek; Illinois Department of Transportation; \$14.4 million

Shoe Factory Road Improvements; Village of Hoffman Estates; \$11.5 million

National Parkway Roadway Improvements - IL Route 58 (Golf Road) to Woodfield Road; Village of Schaumburg; \$10.5 million

Darrell Road Phase II; Lake County Division of Transportation; \$14.8 million

National Parkway Resurfacing Higgins (IL 72) to Woodfield Rd.; Village of Schaumburg; \$645,000

Rodenburg Road Improvements; Village of Schaumburg; \$4.7 million

Algonquin Road at West Drive Intersection Improvements; Village of Schaumburg; \$2.4 million

IL Route 43 and Everett Road; City of Lake Forest; \$2.5 million

Woodfield Road (Martingale Road to IL 53 East Frontage Road); Village of Schaumburg; \$8.1 million

Woodfield Road (Meacham Road to Martingale Road); Village of Schaumburg; \$6.6 million

National Parkway Roadway Improvements - IL Route 58 (Golf Road) to Woodfield Road; Village of Schaumburg; \$9.0 million

Gilmer Road and Midlothian Road Intersection Improvements; Lake County Division of Transportation; \$10.6 million

Algonquin Road at West Drive Intersection Improvements; Village of Schaumburg; \$2.4 million

Lake Cook Road Improvements; Cook County Department of Transportation and Highways, Village of Buffalo Grove; \$53.5 million

Salem Drive - Bode Road to Golf Road; Village of Schaumburg; \$2.5 million

Street Rehabilitation and Reconstruction

J.F. Kennedy Boulevard and Elk Grove Boulevard Resurfacing; Village of Elk Grove Village; \$3.0 million

Biesterfield Road / Oakton Street Resurfacing; Village of Elk Grove Village; \$2.0 million

Lively Boulevard Resurfacing; Village of Elk Grove Village; \$1.4 million

University Lane; Village of Elk Grove Village; \$800,000

Main Street Improvements; Village of Lombard; \$2.4 million

Edgewood Avenue Reconstruction; Village of LaGrange; \$3.6 million



Kyle Clary, P.E.

Engineer IV

Representative Projects (Continued)

Street Rehabilitation and Reconstruction (Continued)

Circle Avenue; Village of Lombard; \$1.4 million

Lombard Meadows Reconstruction Phase I and II; Village of Lombard; \$5.2 million

Preparation of Contract Plans and Estimates

Randall Road Transit Infrastructure Improvements; Kane County Division of Transportation; \$800,000

Circle Avenue; Village of Lombard; \$1.4 million

Elk Grove Business Park; Village of Elk Grove Village; \$12.0 million

Leicester Road; Village of Elk Grove Village; \$1.6 million

Brickvale Drive over Willow Creek; Village of Elk Grove Village; \$1.3 million

Lombard Meadows 3; Village of Lombard; \$1.6 millions

Bikeway and Pedestrian Facility Design

Randall Road Transit Infrastructure Improvements; Kane County Division of Transportation; \$800,000

Lake Cook Road; Village of Buffalo Grove; \$45.0 million

Meacham Road Corridor Improvements; Village of Elk Grove Village; \$1.2 million



Justin Greal

Engineer II



Expertise

Roadway and Highway Design
Preparation of Contract Plans and Estimates
Street Rehabilitation and Construction

Education

B.S. Civil Engineering, 2020
Purdue University

Justin joined Civiltech in 2020 after graduating from the Purdue University College of Civil Engineering, with Transportation specialization. Justin has experience in roadway and highway design, preparation of contract plans and estimates, and street rehabilitation and construction. As an intern during college, Justin worked for a consulting firm performing geometric roadway design and preparing contract plans and estimations.

Representative Projects

Roadway and Highway Design

National Parkway – IL Route 58 (Golf Road) to Woodfield Road; Village of Schaumburg; \$10.6 million

IL Route 43 and Everett Road; City of Lake Forest; \$2.6 million

National Parkway Resurfacing Higgins (IL 72) to Woodfield Rd.; Village of Schaumburg; \$645,000

Rodenburg Road Improvements; Village of Schaumburg; \$4.7 million

Darrell Road Phase II; Lake County Division of Transportation; \$13.4 million

Street Rehabilitation and Construction

Arlington Heights Road Improvements; Village of Elk Grove Village; \$5.8 million

Biesterfield Road Resurfacing - Phase II; Village of Elk Grove Village; \$840,000

Preparation of Contract Plans and Estimates

Shoe Factory Road Improvements; Village of Hoffman Estates; \$14.0 million

Edgewood Avenue Reconstruction; Village of LaGrange; \$2.6 million

National Parkway – IL Route 58 (Golf Road) to Woodfield Road; Village of Schaumburg; \$10.6 million

Bikeway and Pedestrian Facility Design

Meacham Road Corridor Improvements; Village of Elk Grove Village; \$1.2 million



Tom Liliensiek, P.E., CFM

Director of Water Resources



Expertise

Drainage Design
Hydrologic and Hydraulic Analysis
Erosion Control
Best Management Practices
Environmental Permitting
Site Design Engineering
Pump Stations

Education

M.S. Civil Engineering, 1993
Michigan State University
B.S. Civil Engineering, 1992
Michigan State University

Professional Registrations

Professional Engineer - Illinois; 062-053291
Certified Floodplain Manager - Illinois;
IL-20-00898

Professional Organizations

Illinois Association for Floodplain and
Stormwater Management
American Council of Engineering Companies

Tom joined Civiltech in 2013 and has over 25 years of experience in the planning and design of water, sewer, and stormwater utilities, stormwater and sewer analysis, modeling, and design of hydraulic and hydrologic systems. He is responsible for hydrologic analyses and modeling of watersheds; modeling and analyses of channel and closed conduit flow; hydraulic design of sewers, channels, erosion protection, detention basins and hydraulic control structures. He provides leadership, direction, and guidance to other engineers working on water resource projects.

Representative Projects

Freeway and Tollway Design

Elgin O'Hare Western Access (EOWA) IL-390 - Lively Boulevard to Supreme Drive; Illinois Tollway; \$88.9 million

Municipal, Roadway and Highway Drainage Design

York/Harger Intersection and Underpass Improvement; Village of Oak Brook; \$7.4 million

Jackson Park Improvements/Obama Presidential Center; Chicago Department of Transportation

Rockland Road Phase II and III; Village of Libertyville | Libertyville Township Highway Department; Village - \$6.2 million; Township - \$2.0 million

Berkeley Flood Control Project; Village of Berkeley; \$5.0 million

Stormwater Master Plan Update; City of Highland Park

Oak Park Avenue, Irving Park Road to Forest Preserve Drive; Chicago Department of Transportation, Division of Engineering; \$3.6 million

Burnham Park: 31st Auxiliary Parking Lot Expansion; Chicago Park District; \$1.6 million

Storm Sewer Improvements; Vernon Township, \$390,000

Weiland Road Improvement; Lake County Division of Transportation; \$30.0 million

Lake Cook Road; Village of Buffalo Grove; \$48.0 million

North DuSable Lake Shore Drive, Phase I Study; Chicago Department of Transportation, Illinois Department of Transportation

Business Park Drainage Improvements; Village of Elk Grove Village; \$12.0 million

Previous Individual Experience

Roadway and Highway Drainage Design

Reagan Memorial Tollway (I-88) Roadway and Bridge Reconstruction and Add-Lane - Aurora Plaza 61 to Orchard Road; Illinois Tollway; \$65.0 million

IL - 173, Phase I Study; Illinois Department of Transportation

I-190; Chicago Department of Aviation; \$250.0 million

35th Street Pedestrian Bridge; City of Chicago; \$16.0 million

Peterson Road at IL Route 60; Lake County Department of Transportation; \$10.0 million

88th Avenue over Forked Creek; Will County Department Highways



Tom Liliensiek, P.E., CFM

Director of Water Resources

Previous Individual Experience (Continued)

Roadway and Highway Drainage Design (Continued)

Galena Bypass; Illinois Department of Transportation

Joliet Street over Hickory Creek; City of Joliet

Naperville Road Interchange; DuPage County Division of Transportation

East-West Tollway (I-88) Widening and Reconstruction; Illinois Tollway

I-294 (Tri-State Tollway)/Willow Road Interchange; Illinois Tollway

I-90 (Northwest Tollway)/Kennedy Expressway to Fox River; Illinois Tollway

IL Route 22 between US Route 12 and Quentin Road; Illinois Department of Transportation

Water Resources

Reconstruction of the Yorkville Dam and Bypass Channel over the Fox River; IDNR; \$8.0 million

Cook County Drainage Various/Various Contract #1; Cook County Highway Department

Cook County Drainage Various/Various Contract #2; Cook County Highway Department



Shirley Choi, P.E.

Engineer V



Expertise

Roadway and Highway Design
Street Rehabilitation and Reconstruction
Resident Engineer
Lighting Design
Preparation of Contract Plans,
Specifications and Estimates

Education

B.S. Civil Engineering, 1997
University of Illinois at Chicago

Professional Registrations

Professional Engineer - Illinois; 062-055682

Certifications

Fundamentals of Geometric Design,
October 2001
Northwestern University Center
for Public Safety
ACEC-IDOT Lighting Seminar, May 2011
ACEC-Illinois and Illinois
Department of Transportation

Professional Organizations

American Society of Civil Engineers

Shirley has been employed in private consulting engineering since May 1997. She has served as a Resident Engineer and Project Engineer assisting in the areas of highway and pedestrian lighting design, small cell coordination, permit reviews, drainage design, highway and roadway design, and the development of contract plans and specifications.

Representative Projects

Lighting Design

Motorola Campus Redevelopment Boulevard; Village of Schaumburg; \$9.0 million

National Parkway Roadway Improvement; Village of Schaumburg; \$10.5 million

Central Business District (CBD) Streetscape and Utility Improvements; Village of Glen Ellyn; \$24.0 million

Woodfield Road Meacham Road to Martingale Road; Village of Schaumburg; \$6.6 million

Woodfield Road Martingale Road to IL 53 East Frontage Road; Village of Schaumburg; \$ 8.1 million

Millennium Trail – US Route 45 Underpass; Lake County Forest Preserve District; \$3.3 million

14th Street Reconstruction and Resurfacing; Lake County Division of Transportation; \$13.4 million

IL Route 43 and Everett Road; City of Lake Forest; \$2.5 million

Arterial Street Lighting; Village of Schaumburg; \$1.7 million

Lake Cook Road; Village of Buffalo Grove; \$45.0 million

Weiland Road Improvements (Lake Cook Road to IL Route 22); Lake County Division of Transportation

LED Beacon Lighting; Village of Gurnee

Dundee Road Lighting; Village of Wheeling; \$2.7 million

Lombard Meadows Reconstruction Phase I; Village of Lombard; \$2.2 million

Millennium Trail Underpass – Grand Avenue, Illinois Route 132; Lake County Division of Transportation; \$2.7 million

Fairfield Rd/IL 176; Lake County Division of Transportation; \$11.8 million

Walnut Lane - Golf Road to Bode Road; Village of Schaumburg; \$2.5 million

Main Street Lighting, Roosevelt Road to North Avenue; Village of Lombard; \$3.0 million

Barrington Road at Schaumburg Road; Village of Schaumburg; \$7.4 million

Lively Boulevard, Devon Avenue to Touhy Avenue; Village of Elk Grove Village; \$4.6 million

Busse Road (IL 83) Lighting, Mark Street to Howard Street; Village of Elk Grove Village; \$2.2 million

Wise Road Phase II Improvements; Village of Schaumburg; \$6.3 million

95th Street Park and Ride Phase I/II Engineering; City of Naperville; \$1.1 million

Haligus Road STP Improvement; Village of Huntley; \$1.8 million



Shirley Choi, P.E.

Engineer V

Representative Projects (Continued)

Lighting Design (Continued)

Davis Street Improvement; Village of Arlington Heights; \$1.3 million

Wright Boulevard; Village of Schaumburg; \$5.3 million

Joint NIKE Site Redevelopment; Village of Vernon Hills; \$18 million

Dundee Road (IL 68) Intersection Lighting Improvement at Arlington Heights Road and Buffalo Grove Road; Village of Buffalo Grove; \$1.4 million

Cass Avenue Bridge and IL Route 83 Bridge over I-55; Illinois Department of Transportation - District 1; \$7.5 million

The Glen Redevelopment Project; Village of Glenview \$65.0 million

Small Cell Permitting Review

2019-2022 Small Cell Coordinator and Electrical Consultant; Village of Schaumburg

Roadway and Highway Design

Dee Road, Manor Lane to Farrell Avenue; City of Park Ridge; \$300,000

Main Street STP Improvement, Phase II; Village of Lombard; \$2.8 million

Lake and Swift Intersection Improvements; Village of Addison; \$700,000

Army Trail Road, Regency Drive to Swift Road; DuPage County Division of Transportation; \$8.7 million

79th Street, Cicero Avenue to Kedzie Avenue, and Western Avenue, 83rd Street to 119th Street, Median Planters; Chicago Department of Transportation - Bureau of Highways; \$10.5 million

Resident Engineering

York Road Bicycle Trail; Village of Oak Brook; \$500,000

Dilley's Road; Village of Gurnee, Cypress Equities

Street Rehabilitation and Reconstruction

Main Street Resurfacing (LAPP); Village of Lombard; \$900,000

Main Street and Fairview Avenue Resurfacing Project (LAPP); Village of Downers Grove; \$1.0 million

South Broadway Improvements; Village of Lombard; \$2.0 million

Forest Avenue, Hillside Avenue and Appian Way; Village of Glen Ellyn; \$1.0 million

Main Street; City of Park Ridge

Drainage Design

Lake and Swift Intersection Improvements; Village of Addison; \$700,000

Main Street STP Improvement, Phase II; Village of Lombard; \$2.8 million

Riford Road from St. Charles to Crescent; Village of Glen Ellyn; \$2.5 million

Army Trail Road, Regency Drive to Swift Road; DuPage County Division of Transportation; \$8.3 million

Bikeway and Pedestrian Facility Design

Lively Boulevard from Touhy to Howard; Village of Elk Grove Village; \$1.9 million

York Road Bicycle Trail; Village of Oak Brook; \$500,000



Phil Hutchinson, PLA, LEED AP

Director of Landscape Architecture Services



Expertise

Landscape Design
Project Management
Graphic Presentations
Streetscape Design
Community Identification / Gateways
Custom Site Furnishings Design

Education

Bachelors of Landscape Architecture, 2001
Michigan State University

Professional Registrations

Registered Landscape Architect-
Illinois; 157-001258
LEED Accredited
CLARB Certified

Professional Organizations

American Society of Landscape Architects
Active Transportation Alliance
Council of Landscape Architecture
Registration Boards (CLARB)

Phil brings extensive experience in the landscape architecture field and in leading the urban design and landscape architecture components of streetscape projects. He specializes in designing and developing pedestrian environments, community identifiers and gateways for streetscape projects in historic settings, and green infrastructure elements. His talents ensure that streetscape and urban environment improvements include community identity and sense of place as leading design factors. Phil is passionate about designing from a bike/pedestrian point of view in addition to the transportation experience. In addition to leading the Landscape Architecture department, Phil manages Civiltech's growing digital rendering team.

Representative Projects

City Square Design; City of Joliet; \$8.0 million

Naperville Downtown Streetscape Improvements; City of Naperville; \$3.0 million

Central Business District Streetscape and Utility Improvements; Village of Glen Ellyn; \$28.0 million

111th Street - Cottage Grove Avenue to Ellis Avenue; Chicago Department of Transportation; \$2.5 million

North DuSable Lake Shore Drive Phase I Study; Chicago Department of Transportation, Division of Engineering

Jackson Park Improvements/Obama Presidential Center; Chicago Department of Transportation

Chicago Streets for Cycling Phase IV, Project 3A – Phase I and II; Chicago Department of Transportation, Division of Project Development; \$3.0 million

Northcenter Town Square; Chicago Department of Transportation; \$1.0 million

Master Bike and Active Transportation Plan; Village of Wilmette

At a previous place of employment, Mr. Hutchinson worked with Civiltech on the following projects:

North DuSable Lake Shore Drive Phase I Study; Chicago Department of Transportation, Division of Engineering

Burnham Park: 31st Auxiliary Parking Log Expansion; Chicago Park District; \$1.6 million

Grant Park Skate Plaza; Chicago Park District; \$2.5 million

At a previous place of employment, Mr. Hutchinson provided Landscape and Streetscape Design services and Project Management on the following projects:

Fulton Market District - streetscape, gateway signage, and custom furniture; Chicago Department of Transportation, Division of Engineering

Broadway and Lawrence - streetscape, community identifier, performance stage, and plaza design; Chicago Department of Transportation, Division of Engineering

River Street - streetscape design and pedestrian space; City of Batavia

Fred Anderson Park, including performance state and overhead canopy design; Chicago Park District

West Park - playground and performance stage; Glencoe Park District

Scoville Park - playground, performance stage, and plaza; Park District of Oak Park



Jeff Lange, P.E.

Project Manager



Expertise

Project Management
Quality Assurance
Resident Engineering
Construction Inspection
Construction Staking and Layout
Construction Documentation

Education

B.S. Civil Engineering, 1998
Valparaiso University

Professional Registrations

Professional Engineer - Illinois; 062-057548

Certifications

IDOT CMMS Certified
IDOT Documentation of Contract Quantities;
21-19410 (expires 11/16/2025)
IDOT Mixture Aggregate Technician Course
IDOT Bituminous Concrete Level I
IDOT Bituminous Concrete
Density Tester Course
IDOT Portland Cement Concrete
Level I Technician Course
IDOT Portland Cement Concrete
Level II Technician Course
IDOT Inspection of Erosion & Sediment Control
STTP-S19 Piling
IDOT STTP-S13 Concrete Structures
IDOT S-11 Hot Mix Field Inspection
IDOT TT - Construction Material
Inspection Documentation
IDOT TT - Highway Signing

Jeff has been employed in the private sector of the civil engineering field since 1998. He has served as a resident engineer on multiple Illinois Department of Transportation improvements. Jeff's projects now total to well over \$200 million in construction. One of Jeff's signature projects was concurrently overseeing three Open Road Tolling Improvements for the Tollway at Plazas One (South Beloit), Five (Belvidere) and Seven (Marengo).

Representative Projects

Project Manager / Construction Management

National Parkway - Golf Road to Woodfield Road; Village of Schaumburg; \$8.8 million

IL Route 132 Dry Land Bridge & Box Culvert Replacement; Illinois Department of Transportation; \$12.0 million

US Route 41 at Deerpath (Pump Station #38); Illinois Department of Transportation; \$12.2 million

Wolf Road from IL 21 to Hintz Road; Illinois Department of Transportation; \$13.0 million

Resident Engineering / Construction Inspection

US 6 (159th St.) Will-Cook Road; Illinois Department of Transportation; \$60.0 million

US 30 from US 34 to IL 31; Illinois Department of Transportation; \$45.0 million

Southwest Highway over B&O Railroad and Stony Creek Improvements; Illinois Department of Transportation; \$9.1 million

IL Route 60 over I-94 Improvement; Illinois Department of Transportation; \$21.0 million

Open Road Tolling, Plazas 1, 5, and 7, Northwest Tollway; Illinois Tollway; \$89.0 million

Joint Nike Site Redevelopment; Village of Vernon Hills; \$18.0 million

Bell Road and 151st Street Intersection Improvement; Will County Highway Department; \$2.6 million

Fairway Drive Extension STP Improvement, Huron Street to Greenview Court; Village of Vernon Hills; \$4.0 million

Weiland Road/Aptakisic - Tripp Junior High School Roadway Improvements; Village of Buffalo Grove; \$300,000

Warner Avenue Improvement; Village of Lemont; \$1.2 million

Canal Street Improvement; Village of Lemont; \$1.15 million

Contract CIP-95-728A, Plaza 73 Widening and Modification; Illinois Tollway; \$30.3 million

Contract CIP-93-686, Tri-State Tollway M.P. 17.8 to 40.0; Illinois Tollway; \$3.1 million



SECTION 4

Operating History

Company Experience

Key Personnel

Project Understanding & Approach

Required Forms



Statement of Qualifications for Phase II Design Engineering
153rd Street and Ravinia Avenue Roundabout RFQ #23-049

Village of Orland Park

PROJECT UNDERSTANDING

Our understanding of the project is based on an initial site visit and review of the RFQ and PDR made available by the Village of Orland Park as part of the proposal process. A new roundabout is proposed at the intersection of 153rd Street and Ravinia Avenue that will replace the span wire mounted traffic signal. The project location is within a major commercial area in the Village with high levels of vehicular and pedestrian activity.

Civiltech has been fortunate to be able to design several federally funded roundabouts over the past few years, and we are excited about applying our design team's experience to this project in Orland Park. As heard from the Public Involvement process during Phase I, a focus on pedestrian safety will be critical to the design during both construction and with the final improvement. Our team will follow through on that commitment and work closely with the Village to address any stakeholder or public concerns during Phase II.

It is anticipated that the construction of this project will be federally funded and let by the Illinois Department of Transportation. It is becoming increasingly more important to set and achieve project schedules when using STP funds through the Southwest Council of Mayors. Civiltech will do everything in our power to help ensure that the Village's schedule requirements are met as the Phase II design progresses.





PROJECT APPROACH

OUR EXPERIENCE WITH THESE TYPES OF IMPROVEMENTS ALLOWS US TO ANTICIPATE AND OVERCOME PROJECT CHALLENGES ASSOCIATED WITH PROJECT DESIGN, APPROVALS AND CONSTRUCTION:

Maintenance of Traffic and Detour

The PDR indicates that the project will be constructed in 4 stages using a combination of detours that utilize roadways under the jurisdiction of Orland Park. 153rd Street eastbound and Ravinia Avenue southbound will be closed with traffic detoured using 151st Street, West Avenue, and Ravinia Avenue.

One-way traffic will be maintained during construction, and it is always important to ensure that if the roundabout is partially opened, traffic is always using the correct direction of flow to avoid any confusion when the roundabout is ultimately fully opened to traffic. Pedestrian detours will also be implemented as required when closing sidewalks.

It is further noted that PACE operates within the 153rd Street corridor and coordination will be required to address route impacts during construction and with the ultimate roundabout improvements in place.



Utility Conflict Assessment and Coordination

Based on a review of the PDR and field observations, we are aware of various communication (AT&T, Comcast, WOW) facilities along with Nicor gas, ComEd electric (buried & OH), and Village sewer and water facilities that will all need to be properly addressed during design.

Accurate identification of existing utilities, both public and private, is the first key step in the utility coordination process. Our goal will be to define potential conflicts up front in the design process so that coordination and design of utility relocations can begin. We have had great success in our utility coordination over the past several years. This coordination starts with performing a J.U.L.I.E. Design Stage utility locate request and requesting atlases from identified utility companies at the beginning of the project. Once preliminary plans have been prepared, we will send those plans directly to the utility companies. The key to this coordination will be holding periodic utility coordination meetings, starting early in the design stage. Having these meetings helps to hold each company accountable for confirming the accuracy of the utility information shown on the plans and making progress in identifying conflict locations and designing relocation plans when needed. The goal of the coordination is that all relocation work can be completed prior to the start of construction.

Right of Way Acquisition

According to the PDR, permanent right of way or easements are required from 4 parcels. We propose to use the services of **Ruettiger, Tonelli & Associates, Inc.** to complete the Plat of Highways once the right of way and easement requirements are agreed to by the Village.

Civiltech provides in-house appraisal services. Our designers work closely with the appraisal staff to identify impacts to the properties and issues that may create roadblocks to acquiring the parcels. We propose to use the services of **Santacruz Land Acquisitions** to perform the property owner negotiations. Our designers will attend meetings with the negotiators and the property owners, when requested, to discuss how the project will impact their business both during construction (maintaining access) and after construction (potential modifications to the site). These meetings can go a long way in helping to ease concerns from the property owners and allow for the acquisition process to proceed efficiently.





Drainage and Permitting

Intersection storm drainage includes a single outfall consisting of a single 48” storm sewer outfall that flows south along Ravinia Avenue. We anticipate that the sewer within the intersection will be reconfigured and extended but will otherwise maintain existing drainage patterns. No detention is expected to be required, and stormwater permitting will be limited to erosion control related items.

IDOT and Southwest Council of Mayors Coordination

Civiltech will provide coordination either directly, or through the Village, with the Southwest Council of Mayors regarding project information, status, funding and schedule. This will include the use of IDOT’s Project Programming Information (PPI) form, as well as the Council’s newly created Project Update Form. Our coordination with IDOT will begin with a Phase II kick-off meeting early in the project. This meeting will include staff from both Local Roads and Streets and the Bureau of Land Acquisition. As part of this work, we will also assist the Village in the preparation of the Local Agency Agreement for construction funding.

Special Waste and Environmental Clearances

The Phase I PESA indicates the presence of potential contamination at the commercial building at 9700 W. 153rd Street. This is an AT&T facility where potential exists for undetected diesel fuel releases. We have included **Huff and Huff, Inc.** on our design team to perform further field investigations as part of the PSI and CCDD special waste evaluation during Phase II.

Public Involvement

Through the recent completion of many transportation improvements projects for our clients, Civiltech realizes the importance of public involvement as a key component to the success of these types of projects. Providing and seeking the appropriate information at the right times from the project stakeholders produces positive results from a public relations standpoint. The perceived success of the improvements is amplified when interested residents have an opportunity to contribute input during the design phase. Furthermore, stakeholders also tend to be very appreciative of pre-construction communications, and expectations can be managed by addressing their anticipated concerns before the heavy equipment arrives in front of their homes and businesses.





The real impact of public involvement varies from project to project based on the actual scope of improvements. Civiltech’s experience has been that an open house format public meeting during the preliminary design phase along with a pre-construction presentation to the stakeholders provides beneficial results and goes a long way to managing good relations during construction. These meetings can be supplemented with website and social media tools to reach out to the residents. We will develop a successful Public Involvement Plan with the Village as part of this project to maximize positive perception throughout the length of the project. We have proven our approach to minimize construction impacts in residential settings year after year with our clients, and being consistently asked to continue serving them is the highest compliment to our team and a testament to the quality of and satisfaction with our services.

Project Quality and Budget Controls

Our designers recognize the importance to design to our client’s budgets, and we maintain a constant awareness of the status of project costs from the beginning to end of every project. Agencies are tasked with completing projects with limited funding, and scope changes that could potentially increase project costs will always be recognized and immediately communicated with the Village.

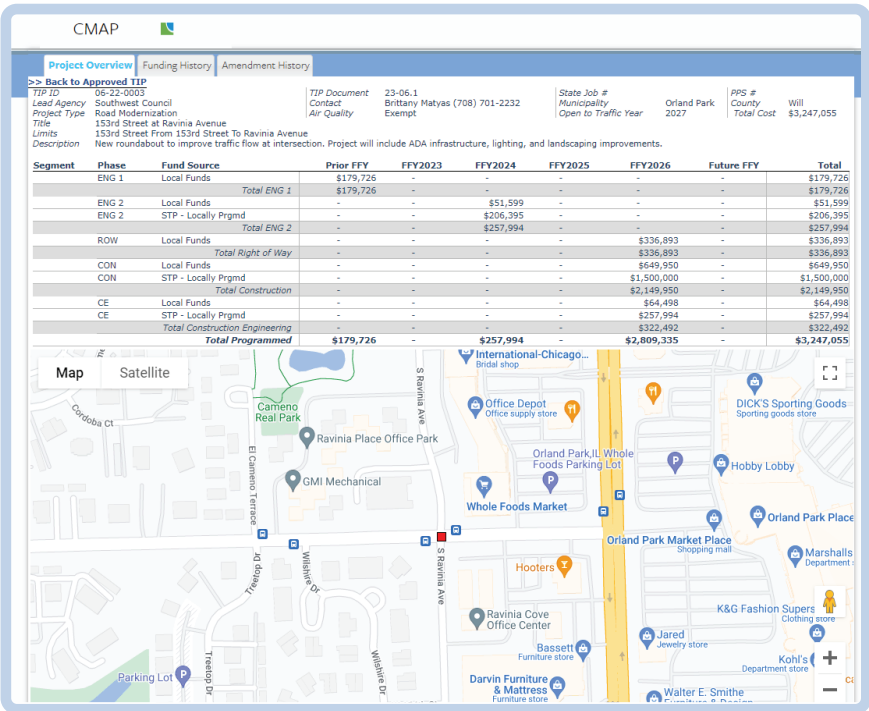
We propose to complete quantity calculations and an engineer’s estimate of cost at all project milestones in order to develop accurate estimates throughout the project design development. All estimating will be completed in accordance with our Quality Control/Quality Assurance Plan. Reviews will include input from our Construction Engineering staff to ensure that pay item identification is complete and comprehensive. This will result in high quality and accurate project budget management.

All work will be completed in accordance with Civiltech’s Quality Control/Quality Assurance Plan. A key component of that plan includes reviews from our construction engineering staff to ensure that the plans are constructible and that all necessary pay items have been identified. This review will result in a high quality, accurate set of contract documents.

Schedule

Based on a review of the TIP on CMAP’s website, the Village has secured federal funding (STP) for Phase II Engineering and construction. With Construction targeting FFY2026, the project letting can occur anytime between November 2025 and September 2026. We recognize this range results in a project being constructed in 2026 or as late as 2027.

We recommend the use of Section 1440 to proceed with the Phase II Engineering as soon as possible, but Design Approval is required to start Phase II even with the use of 1440. If the Phase II Engineering starts early in 2024 we believe that there is adequate time to target a late 2025 or early 2026 IDOT letting (2026 construction) assuming that the land acquisition can be completed within a reasonable timeframe. Plat of Highways could be completed and approved by late summer 2024 with the appraisals and review appraisals done and approved by the end of year 2024 leaving most of 2025 for negotiations.





SECTION 5

Operating History

Company Experience

Key Personnel

Project Understanding & Approach

Required Forms

PROPOSAL SUMMARY SHEET
RFQ #23-049
153rd Street and Ravinia Avenue Roundabout,
Phase II Design Engineering

IN WITNESS WHEREOF, the parties hereto have executed this proposal as of date shown below.

Organization Name: Civiltech Engineering, Inc.

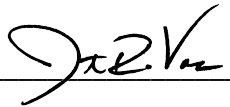
Street Address: Two Pierce Place, Suite 1400

City, State, Zip: Itasca, IL 60143

Contact Name: Jonathan R. Vana, P.E.

Phone: 630.735.3382 Fax: 630.773.3975

E-Mail address: jvana@civiltechinc.com

Signature of Authorized Signee: 

Title: President

Date: 10.05.2023

ACCEPTANCE: This proposal is valid for ninety (90) calendar days from the date of submittal.

 ORLAND PARK
CERTIFICATE OF COMPLIANCE

The undersigned Jonathan R. Vana, P.E., as President
(Enter Name of Person Making Certification) (Enter Title of Person Making Certification)

and on behalf of Civiltech Engineering, Inc., certifies that:
(Enter Name of Business Organization)

1) BUSINESS ORGANIZATION:

The Proposer is authorized to do business in Illinois: Yes ☒ No ☐

Federal Employer I.D.#: 36-3606666
(or Social Security # if a sole proprietor or individual)

The form of business organization of the Proposer is (*check one*):

☐ Sole Proprietor
☐ Independent Contractor (*Individual*)
☐ Partnership
☐ LLC
☒ Corporation Illinois 10.12.1988
(State of Incorporation) (Date of Incorporation)

2) STATUS OF OWNERSHIP

Illinois Public Act 102-0265, approved August 2021, requires the Village of Orland Park to collect "Status of Ownership" information. This information is collected for reporting purposes only. Please check the following that applies to the ownership of your business and include any certifications for the categories checked with the proposal. Business ownership categories are as defined in the Business Enterprise for Minorities, Women, and Persons with Disabilities Act, 30 ILCS 575/0.01 *et seq.*

Minority-Owned ☐ Small Business ☐ ([SBA standards](#))
Women-Owned ☐ Prefer not to disclose ☐
Veteran-Owned ☐ Not Applicable ☒
Disabled-Owned ☐

How are you certifying? Certificates Attached ☐ Self-Certifying ☐

STATUS OF OWNERSHIP FOR SUBCONTRACTORS

This information is collected for reporting purposes only. Please check the following that applies to the ownership of subcontractors.

Minority-Owned ☐ Small Business ☐ ([SBA standards](#))
Women-Owned ☐ Prefer not to disclose ☐
Veteran-Owned ☐ Not Applicable ☒
Disabled-Owned ☐

3) **ELIGIBILITY TO ENTER INTO PUBLIC CONTRACTS:** Yes ☒ No ☐

The Proposer is eligible to enter into public contracts, and is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3, or 33E-4 of the Illinois Criminal Code, or of any similar offense of "Bid-rigging" or "Bid-rotating" of any state or of the United States.

4) **SEXUAL HARASSMENT POLICY:** Yes ☒ No ☐

Please be advised that Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A) has been amended to provide that every party to a public contract must have a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105 (A) (4) and includes, at a minimum, the following information: (I) the illegality of sexual harassment; (II) the definition of sexual harassment under State law; (III) a description of sexual harassment, utilizing examples; (IV) the vendor's internal complaint process including penalties; (V) the legal recourse, investigative and complaint process available through the Department of Human Rights (the "Department") and the Human Rights Commission (the "Commission"); (VI) directions on how to contact the Department and Commission; and (VII) protection against retaliation as provided by Section 6-101 of the Act. (Illinois Human Rights Act). (emphasis added). Pursuant to 775 ILCS 5/1-103 (M) (2002), a "public contract" includes "...every contract to which the State, any of its political subdivisions or any municipal corporation is a party."

5) EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE: Yes ☒ No ☐

During the performance of this Project, Proposer agrees to comply with the "Illinois Human Rights Act", 775 ILCS Title 5 and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq. The

Proposer shall: (I) not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (II) examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization; (III) ensure all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (IV) send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Vendor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract; (V) submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; (VI) permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; and (VII) include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this Agreement, the Proposer will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Proposer will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations. Subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Proposer and any person under which any portion of the Proposer's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Proposer or other organization and its customers. In the event of the Proposer's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights the Proposer may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

6) **TAX CERTIFICATION:** Yes ☒ No ☐

Contractor is current in the payment of any tax administered by the Illinois Department of Revenue, or if it is: (a) it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate Revenue Act; or (b) it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.

7) **AUTHORIZATION & SIGNATURE:**

I certify that I am authorized to execute this Certificate of Compliance on behalf of the Contractor set forth on the Proposal, that I have personal knowledge of all the information set forth herein and that all statements, representations, that the Proposal is genuine and not collusive, and information provided in or with this Certificate are true and accurate. The undersigned, having become familiar with the Project specified, proposes to provide and furnish all of the labor, materials, necessary tools, expendable equipment and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required for the Project.

ACKNOWLEDGED AND AGREED TO:



Signature of Authorized Officer

Jonathan R. Vana, P.E.

Name of Authorized Officer

President

Title

10.05.2023

Date

REFERENCES

Provide three (3) references for which your organization has performed similar work.

Bidder's Name: Civiltech Engineering, Inc.
(Enter Name of Business Organization)

- | | |
|-----------------|---|
| 1. ORGANIZATION | <u>City of Joliet</u> |
| ADDRESS | <u>150 West Jefferson Street, Joliet, IL 60432</u> |
| PHONE NUMBER | <u>815.724.4216</u> |
| CONTACT PERSON | <u>Russ Lubash, P.E.</u> |
| YEAR OF PROJECT | <u>2023</u> |
| | |
| 2. ORGANIZATION | <u>Village of Schaumburg</u> |
| ADDRESS | <u>714 S. Plum Grove Road, Schaumburg, IL 60193</u> |
| PHONE NUMBER | <u>847.923.6612</u> |
| CONTACT PERSON | <u>Mike Hall, P.E.</u> |
| YEAR OF PROJECT | <u>2023</u> |
| | |
| 3. ORGANIZATION | <u>City of Lockport</u> |
| ADDRESS | <u>17112 S. Prime Boulevard, Lockport, IL 60441</u> |
| PHONE NUMBER | <u>815.838.0549</u> |
| CONTACT PERSON | <u>Brian Lovering, P.E.</u> |
| YEAR OF PROJECT | <u>2022</u> |



ORLAND PARK

INSURANCE REQUIREMENTS

Please provide a policy Specimen Certificate of Insurance showing current coverage's along with this form

WORKERS' COMPENSATION & EMPLOYER LIABILITY

Full Statutory Limits - Employers Liability
\$500,000 – Each Accident \$500,000 – Each Employee
\$500,000 – Policy Limit
Waiver of Subrogation in favor of the Village of Orland Park

AUTOMOBILE LIABILITY (ISO Form CA 0001)

\$1,000,000 – Combined Single Limit Per Occurrence
Bodily Injury & Property Damage

GENERAL LIABILITY (Occurrence basis) (ISO Form CG 0001)

\$1,000,000 – Combined Single Limit Per Occurrence
Bodily Injury & Property Damage
\$2,000,000 – General Aggregate Limit
\$1,000,000 – Personal & Advertising Injury
\$2,000,000 – Products/Completed Operations Aggregate
Additional Insured Endorsements: *(not applicable for Goods Only)*
ISO CG 20 10 or CG 20 26
and
CG 20 01 Primary & Non-Contributory
Blanket Waiver of Subrogation in favor of the Village of Orland Park

☐ CG 20 37 Additional Insured – Completed Operations (provide if box is checked)

In addition to the above, please provide the following coverage, if box is checked.

☒ **LIABILITY UMBRELLA (Follow Form Policy)**
☒ \$1,000,000 – Each Occurrence \$1,000,000 – Aggregate
☐ \$2,000,000 – Each Occurrence \$2,000,000 – Aggregate
☐ Other: _____

EXCESS MUST COVER: General Liability, Automobile Liability, Employers' Liability

☒ **PROFESSIONAL LIABILITY**
☐ \$1,000,000 Limit – Claims Made Form, Indicate Retroactive Date
☒ \$2,000,000 Limit – Claims Made Form, Indicate Retroactive Date
☐ Other: _____
Deductible not-to-exceed \$50,000 without prior written approval

☐ **BUILDERS RISK**
Completed Property Full Replacement Cost Limits – Structures under construction

☐ **ENVIRONMENTAL IMPAIRMENT/POLLUTION LIABILITY**
\$1,000,000 Limit for bodily injury, property damage and remediation costs
resulting from a pollution incident at, on or mitigating beyond the job site

☐ **CYBER LIABILITY**
\$1,000,000 Limit per Data Breach for liability, notification, response,
credit monitoring service costs, and software/property damage

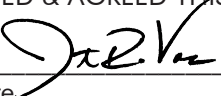
Any insurance policies providing the coverages required of the Consultant, excluding Professional Liability, shall be specifically endorsed to identify **"The Village of Orland Park, and their respective officers, trustees, directors, officials, employees, volunteers and agents as Additional Insureds on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured."** The required

9/9/22

Additional Insured coverage shall be provided on the Insurance Service Office (ISO) CG 20 10 or CG 20 26 endorsements or an endorsement at least as broad as the above noted endorsements as determined by the Village of Orland Park. Any Village of Orland Park insurance coverage shall be deemed to be on an excess or contingent basis as confirmed by the required (ISO) CG 20 01 Additional Insured Primary & Non-Contributory Endorsement. The policies shall also contain a Waiver of Subrogation in favor of the Additional Insureds in regard to General Liability and Workers' Compensation coverage. The certificate of insurance shall also state this information on its face. Any insurance company providing coverage must hold an A-, VII rating according to Best's Key Rating Guide. Each insurance policy required shall have the Village of Orland Park expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. Permitting the contractor, or any subcontractor, to proceed with any work prior to our receipt of the foregoing certificate and endorsements shall not be a waiver of the contractor's obligation to provide all the above insurance.

Consultant agrees that prior to any commencement of work to furnish evidence of Insurance coverage providing for at minimum the coverages, endorsements and limits described above directly to the Village of Orland Park, 14700 S. Ravinia Avenue, Orland Park, IL 60462. Failure to provide this evidence in the time frame specified and prior to beginning of work may result in the termination of the Village's relationship with the contractor.

ACCEPTED & AGREED THIS 5 DAY OF October, 20 23



Signature

Jonathan R. Vana, P.E. | President

Printed Name & Title

Authorized to execute agreements for:
Civiltech Engineering, Inc.

Name of Company

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

04/03/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Greyling Ins. Brokerage/EPIC 3780 Mansell Rd. Suite 370 Alpharetta, GA 30022	CONTACT NAME: Sahleem Julien	
	PHONE (A/C, No, Ext): 770-670-5327	FAX (A/C, No):
E-MAIL ADDRESS: ACECCertificates@greyling.com		
INSURED Civiltech Engineering, Inc. Two Pierce Place, Suite 1400 Itasca, IL 60143	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Hartford Accident & Indemnity Company	
	INSURER B : Hartford Fire Insurance Company	
	INSURER C :	
	INSURER D :	
	INSURER E :	
INSURER F :		NAIC #

COVERAGES

CERTIFICATE NUMBER: 23-23

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:			20SBWLI9844	11/01/2022	11/01/2023	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$2,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS NON-OWNED AUTOS ONLY			20UEGVV2743	11/01/2022	11/01/2023	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ EXCESS LIAB ☒ RETENTION \$10,000			20SBWLI9844	11/01/2022	11/01/2023	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☒ N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	20WEGAB8KIA	11/01/2022	11/01/2023	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B	Professional Liability			20OH051682823	04/10/2023	04/10/2024	Per Claim \$5,000,000 Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

For Verification Purposes Only

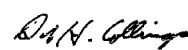
CERTIFICATE HOLDER

CANCELLATION

Civiltech Engineering, Inc.
 Two Pierce Place, Suite 1400
 Itasca, IL 60143-0000

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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