4HD Inc.

4HD Inc. was established in Lombard IL, by Engineer Renad Alrousan and certified as a DBE by the Illinois Department of Transportation (IDOT) and WBE by the City of Chicago Department of Procurement Supplier Diversity. 4HD Inc. is prequalified in Construction Inspection Services (Phase III) and Research with multidiscipline. Our Engineers have extensive transportation experience and our goal to serve both public and private organizations with diversified of expertise to include:

- **Construction Management**
- **Project Management**
- **Project Planning and Scheduling**
- **Project Control**
- **Project Inspection and documentation**

4HD Inc. is a women business firm, we have gained experience and well understand the needs of our clients and build on what we already know to provide the superior and best results and outcomes. Since its inception, 4HD has become a recognized consultant in Construction Management and Project Management with a specialty in Transportation. 4HD provides comprehensive construction management services customized to provide the best results for the project. 4HD’s team applies their knowledge and experience in engineering and construction to the everyday challenges that occur throughout the construction process.

4HD Inc. continues with dedicated and qualified team’s members having highly professional background, vision, and skills. Our Team combines technical excellence with superior understanding of client needs and the environment in which our client operates. Our mission is to form long-term relationships of value with our clients and partners, using quality construction and engineering solution and employing the best resource and latest techniques.

4HD’s Experience included bridge construction, street, roadway & highway construction, various project and more.

**STAFF & RESOURCES**

Our engineering staff consists of Licensed Professional Engineers PE, SE, Resident Engineer MBA, CE, EE, Three Experienced Construction Inspectors and one Project Controller.

**DATA OF COMPANY**

DUNS: 968775564
NAICS:
- Construction Management, Highway Road, Street & Bridge - 237310
- Civil Engineering Services – 541330
- Management and Consulting Services - 541611
- Research and development in Physical, Engineering, and Lab science - 541712

Cage Code: 71AB1

**CONTACT:**

Renad Alrousan. CHE, BE, IE
Corporate President and CEO
(630) 202-7892
ralrousan@4hdconsultants.com

330 East Roosevelt Rd, Suite 2G
Lombard, Illinois. 60148

**Certification:**

WBE. City of Chicago
DBE, Illinois Dept of Transportation

**IDOT Pre-qualifications:**

Special Services: Construction Inspection

**CLIENTS**

IDOT (Illinois Department of Transportation)
Illinois Tollway
City of Chicago

**Management Approach and Philosophy**

From years of experience in the construction industry, 4HD has a fundamental leadership approach that is based on a commitment to excellence in customer and client service. To enact this basic philosophy, 4HD holds to the following key principles:

- Quality and best qualified, experienced, and motivated personnel and engineers.
- Placement of highly competent senior project manager, and team leader level and provide them with the resources and authority for quick and efficient decision-making.
- Strong Sub consultants and clients. This helps support our projects by developing long term relationships with highly talented sub consultants in our area of operations.
American Engineering Consultants, Inc. (AEC) is a new Chicago-based DBE/MBE firm providing engineering services in Transportation Engineering and Construction Management (CM) of Infrastructure projects for the State of Illinois.

AEC is IDOT-prequalified in ‘Construction Inspection – Special Services’.

**Expertise/Core Competencies**

- Material Coordination
- Construction Inspection
- Resident Engineering
- Project Documentation
- Construction Management
- Documentation Audit
- IL-P.E. Licensed Engineers
- IDOT(S-14) Documentation Cert
- IDOT S-33, Soil Testing
- IDOT QC/QA - PCC III & HMA III Certified
- OSHA-30 – Safety Training

**Past Performance/Differentiators**

- Our Engineers are experienced in construction inspection and construction management for roadway and bridge projects with IDOT, IL-Tollway & CDOT.
- Experts as Material Coordinators for IL-Tollway & IDOT.
- Staff experienced in Resident Engineering & Documentation.

**Present Objectives (PSB 21-1)**

- Teaming up for Phase III work in PSB 21-1
- Partnering for Growth (P4G) in PSB 21-1

**Contact Information**

Haleema Begum
Vice President of Administration
(773) 775-2050
hbegum@americanengconsultants.com

5858 N. Northwest Hwy, Suite F
Chicago IL, 60631
Our Values

“AVI will accomplish uncompromising quality to our clients through principled leadership and an abundance mentality built on service.”

Contact Us

President
(SFC) Aaron Jones
(630) 738-9786
aaron@aviveterans.com

Dir. of Engineering
Mujeeb Basha, PE
(630) 770-6559
mujeeb@aviveterans.com

Designations
NAICS: 237310, 238120, 541320, 541330, 561730
NIGP: 90700, 90740, 92064, 92517, 92536, 98814
DUNS #: 080614513
CAGE Code: 8BVN2

Other Certifications:
State of Illinois
-Design Firm
-CMS Certified SDVOSB
Chicago Zoological Society
JP Morgan Chase (Private)

Core Competencies

Project Management (PM)
- Owners Rep (ex-Tollway)
- Maintenance, Plaza Ops
- CM/RE/Inspector Staff
- Environmental Specialists
- Tolling Experts (ORT/AET)

Construction Management (CM)
- Construction Inspection
- IDOT Level I, II, III (var.)
- Expertise in 'Systemwide'
- Landscaping/Roadside
- Doc Control (IDOT S-14)

[Differentiators]

As a Veteran-owned company, you can expect high-energy discipline from our staff.

Our ‘Mission Mindset’ philosophy will bring to bear immediate & recognizable results for a successful outcome.

Company, staff experience with innovative contracting: SYSTEMWIDE, FACILITIES, JOC

[Market Expertise]

Highways / Bridges

Tolling Ops & ITS

Airport Interface
(Landside/Coord.)

Railroad / Utilities
Finance Control / Trust Indenture (FINRA-licensed)

[Clients / Partners]

Public Works (State, Municipal, Chartered Govt)
- Illinois Tollway
- Village of Bolingbrook (Clow Airport; FAA: 1C5)
- Illinois DOT
- Village of Romeoville
- United Bridge Partners (Cline Avenue Toll Bridge)

Commercial Work
- ComEd
- Pulte Homes
- CSX Railroad
- Hilton Hotel Properties
- Advocate Christ Hospital
- Meijer, Home Depot, AMC Theaters
Capability Statement

AMES Engineering, Inc. is an IDOT DBE consulting engineering firm established in 2009.

We perform Phase I, Phase II and Phase III engineering work.

Our firm is led by Company President Ahsan Siddiqi with his 30 years’ engineering experience.

We are well known for our Complex Lighting work. Brenda Lowery, PE heads up our Lighting and Electrical Engineering group.

Joe Regis, PE, PTOE, CFM is in charge of our Civil Phases I and II team. We offer complete roadway planning and design services.

Resident Engineer, Wes Brazas, and four inspectors specialize in Tollway Phase III Engineering.

Traffic Signal design and Phase I Traffic Study work is performed by Toby Mickey, PE, PTOE.

Our ITS work is a collaboration of Brenda, Joe and Toby.

Our quality of work is demonstrated by the firm’s involvement in ACEC awarding winning projects.

Our geographic coverage is primarily northeastern Illinois however, we practice throughout the State of Illinois.

For Tollway Projects, prime firms often ask AMES to participate in a relatively large percentage of work by bundling lighting and civil support.

For IDOT Projects, we often perform lighting, traffic signals and civil support.
Construction Management in Illinois

Arcadis has been providing program and construction management services to Illinois clients since 2011. We provide construction management and engineering to support modernizations and capital improvement programs for agencies such as the Illinois Tollway, Metra, Chicago Transit Authority, Chicago Department of Transportation and other agencies.

TRUSTED LOCAL LEADERSHIP

Dave Sliwa, CCM has 16 years of experience in the construction industry providing construction management, resident engineering and project controls services, including roadway, structures, rail, and other types of civil construction.

Russell Randich, CCM is a construction management professional with more than 30 years of experience in the transportation industry. His expertise includes roadway, structures, aviation and rail construction.

Kevin Holt, PE, CCM is a program and construction management professional with over 30 years of experience in transportation, infrastructure, public facilities, aviation, and public works.

Arcadis has been providing CM Upon Request for Non Roadway projects for the Illinois Tollway

FACTS

Founded in the Netherlands in 1888, Arcadis now operates in Europe, the Middle East, Asia, Australia and the Americas.

We have more than

27,875 Employees in

350 Offices operating in over

70 Countries.

WORLDWIDE

Local contact:

phoebe.peterson@arcadis.com

Arcadis has a contract for CM Task Orders with Metra
Atlas Engineering Group, Ltd. (Atlas) is a professional, licensed consulting engineering and land surveying firm specializing in planning, civil & structural engineering design, construction management & inspection, transportation studies, rail and airport engineering and land surveying services for public and private sector projects.

**AWARDS**
- 2013 Tollway - "People on the Move Illinois"
- 2019 NOME - "Top Minority Achiever Award" Tollway/CCDOTH Roselle Road Project

**CORE SERVICES:** Atlas offers a range of services to support all modes of transportation infrastructure, facilities, utilities, and related projects:

**Phase I – Planning**
- Site Master Planning
- Planning & Geometric Design
- Sustainable Design
- Location Design Studies
- Stormwater/Sanitary Distribution Systems
- Watermain

**Phase II – Final Design**
- Civil Engineering
- Roadway / Traffic Engineering
- Bridges/Watts – Roadway/Railroad
- Structural Engineering – Buildings/Facilities
- Hydraulic/Hydrologic Engineering
- Airport Design

**Phase III – Construction**
- Construction Management
- Inspection
- Engineering Estimates
- Surveying/Layout
- Airport - Inspection
- TAB Services

**Support Services**
- Surveying & Lidar Scanning
- Traffic Counts & Analysis
- Utility Coordination & Engineering
- MEP System Integration
- Railway Engineering

**Certifications**
- DBE: Disadvantaged Business Enterprise
- WBE: Woman Business Enterprise
- SBE: Small Business Enterprise

**NAICS Codes**
- 541330: Civil Engineering Services, Construction Engineering Services, Engineering Consulting Services
- 237310: Construction Management, Highway, Road, Street & Bridge

**Contact**
Natalia Homedi, P.E.
3100 Dundee Road, Suite 502
Northbrook, IL 60062
Tel: 847.753.8020 | Fax: 847.753.8023
nhomedi@aegroupltd.com
# Core Competencies

Bravo Company Engineering is a certified veteran owned small business providing civil and transportation engineering consultant and management services in the Chicagoland area.

- construction management
- construction inspection/documentation
- transportation design
- land acquisition specialty services
- environmental
- water resources
- municipal
- survey

## Recent Projects

### Illinois Tollway Construction:
- CM Systemwide Upon Request Roadway
  - RE for two signing upon request contracts
  - Surety warranty work inspection
- CM Systemwide Upon Request Non-Roadway
  - Inspection for JOC building work
- I-294/I-94 CM Road and Bridge Rehabilitation
  - Inspection and documentation
- I-88 CM Road and Bridge Rehabilitation
  - Inspection and documentation

### Illinois Tollway Design:
- I-94 at Stearns School Road Bridge Reconstruction
  - Utility Coordination and plans
  - Specs, cost estimate, P-pages
- I-88 Road and Bridge Rehabilitation
  - Design plans for EC and landscaping

### IDOT:
- Currently a prime for Various D2 inspection
- QA/QC for IL31/US 20 Design

### Municipalities:
- Village of Schaumburg CDBG Sidewalk Program
- Village of Addison Watermain, Campus Parking Lot Reconstruction, and CDBG Street Program
- Village of Big Rock Street Resurfacing Program

### Capital Development Board (CDB):
- Subconsultant on Multiple Projects Performing Site Civil Design and Commissioning Services

### Metropolitan Water Reclamation District (MWRD):
- Subconsultant on Multiple Projects Performing Site Civil Design and Inspection Services

## Certifications

### IDOT Prequalified in:
- Special Services - Construction Inspection
- Special Services - Subsurface Utility Engineering
- Location Design Studies – Rehabilitation
- Location Design Studies - Reconstruction/Major Rehabilitation
- Highways - Roads and Streets
- Special Studies – Safety

**Certified VOSB for**
- CMS
- CVE
- CDB
- MWRD
- Cook County

**Looking to team up with prime consultants for Construction Management, Design, and Survey**

Contact:
Joseph Kozial, P.E. or Reid Magner, P.E.
630-702-9855 224-239-6346
jkozial@bravocoeng.com rmagner@bravocoeng.com

Bravo Company Engineering
1111 Burlington Ave, #108G
Lisle, IL 650532

[Website](http://www.bravocoeng.com)
Chicago Testing Laboratory was formed in 1912 to provide consulting engineering and construction materials testing and inspection services to municipalities, government agencies and private clients. We specialize in the areas of geotechnical engineering and field and laboratory testing of construction materials with a focus on roadway projects.

Chicago Testing Laboratory:

- Is a professional engineering consultant in the State of Illinois, and is prequalified by the Illinois Department of Transportation in the following categories:
  - Special Services – Quality Assurance PCC, HMA & Aggregate
  - Special Services – Construction Inspection
  - Geotechnical Services – Structure Geotechnical Reports (SGR)
  - Geotechnical Services – Subsurface Explorations
  - Geotechnical Services – General Geotechnical Services
- Holds accreditations from CCRL, AASHTO, USACE and IDOT
- Has worked as a sub-consultant to numerous prime consultants on Illinois DOT and Illinois State Toll Highway Authority (ISTHA) projects and provides materials inspection for dozens of villages and municipalities.
- Provides construction and materials training to agency, contractor and consultant personnel throughout the United States and overseas.

CTL currently operates from our local office in Warrenville, Illinois. CTL maintains a staff of 35 personnel, which includes 4 engineers and 25 technicians, along with administrative support staff. CTL is committed to the principles of quality, from design through construction. CTL strives to:

- Ensure customer satisfaction through meaningful process control
- Maintain a high level of Total Quality Management
- Maximize the quality and serviceability of today’s construction projects

CTL teaches and develops construction and materials testing training programs, including the IDOT QC/QA certification training courses. Inside and outside of Illinois, CTL has taught several courses to various agencies and industry on proper use of soils, asphalt, concrete, and other construction materials.

CTL research activities have resulted in several ASTM test specifications, including the Abson asphalt recovery test (ASTM D1856) and the Root-Tunnicliff method for evaluating stripping of asphalt mixtures (ASTM D4867). Numerous other special tests and equipment have been developed in connection with special investigations and research studies for various clients and technical societies.
CAPABILITY STATEMENT

Construction Technology & Material (CTME) is a certified M/DBE, DBE and BEP consulting firm. The company provides construction engineering and material evaluation however it specializes in Non-Destructive Evaluation (NDE). We have over 20 years of experience in this field. CTME’s construction engineering and techniques are used to help uncover and quantify “unseen” conditions in the ground. The technology utilized by CTME can uncover the following objects:

- Underground utilities (water, gas, electric & others)
- Underground storage tanks (UST)
- Graves in cemeteries
- Washed out and sinkholes
- Buried manholes
- Others

The technology utilized by CTME also has the capability of uncovering conditions in existing concrete structures by being able to locate:

- Reinforce steel
- Post-tensioning strand (cable)
- Embedded utility lines (electric, water, gas, and fiber optic, etc…)

CTME has the ability to determine the conditions of existing structures by providing:

- Rapid structures screening for anomalous/irregularity conditions.
- In place concrete strength evaluation.
- Concrete quality control for code compliance.
- Rebar sizing for diameter measurement.
- Concrete depth of cover evaluation.
- Rebar mapping for structure integrity – load analysis.
- Post-tensioning cable mapping for load analysis.
- Pavement/concrete thickness verification
- Concrete delamination (Corrosion) for structure life expectancy determination.
- Crack depth for structure integrity/efficiency.

CTME consist of engineers that provide problem solving skills to government-controlled entities and inspection agencies. Our services add value for structural and civil engineers to capture the actual structure conditions for design and retrofit purposes.
Capabilities Statement

Engineering Services Group, Inc. (ESG) is a multi-disciplined engineering DBE / MBE/SDB firm, providing services in the fields of program management, construction management and consulting engineering services. ESG specializes in Transportation, Civil Engineering, and Facilities projects.

A certified DBE with the States of Illinois, Indiana and Wisconsin, ESG is also a certified MBE with the City of Chicago, Cook County, MWRD, City of Rockford and CMS - as well as a certified SDB with SBA.

ESG is pre-qualified with IDOT in several categories including: Roads and Streets, Traffic Studies, Traffic Signals, Freeways, Construction Inspections and Landscape Architecture. ESG is also pre-qualified with the Cook County, DuPage County and Kane County DOT (KDOT).

Core Competencies

⇒ Multi-disciplined firm specializing in transportation, traffic, civil, and bridge engineering
⇒ Pragmatic approach to projects subsuming project scope, budget, life, and future maintenance

Past Projects

As Prime Consultant:
⇒ Construction Management Services Upon Request with ISTHA, 2015-2017
⇒ Construction Project Closeout with CDOT, 2015-2018
⇒ Jane Addams Memorial Tollway at Lee Street, Interchange with ISTHA, 2013-2015
⇒ IL-178 Utica Realignment with IDOT, 2011-2013
⇒ Job Order Contract Program Management Support with ISTHA, 2017-2021

As Sub Consultant:
⇒ Arterial Street Resurfacing & ADA Ramp Program—Citywide, with CDOT and Wight & Co., 2014-current
⇒ US 34 at Canadian National Railroad (overpass) with IDOT, 2014-2016

Software:
- Microstation
- GeoPak
- AutoCAD
- Land Desk
- AutoTurn
- HCS 2000
- TR 20
- HEC-HMS
- Flow Master
- Culvert Master
- RAM Concepts

Contact:
4260 Westbrook Dr., Suite 115
Aurora, IL 60504
Ph: (630) 780-2800
Fax: (630) 556-5168

10 S. Riverside Plaza, Ste. 875
Chicago, IL 60606
Ph: (312) 473-3859
Email: info@esgcorp.us
Website: www.esgcorp.us
Gasperec Elberts Consulting was founded by Megan Elberts, PE and Lisa Gasperec, PE who bring over 35 years of experience in many facets of civil engineering to the firm. Their philosophy is to understand the unique requirements of each project while providing each client with a level of personal service and professionalism that they have provided throughout their careers.

**CONSTRUCTION ENGINEERING**

Lisa Gasperec, PE is a principal at Gasperec Elberts Consulting with almost 25 years of experience in the civil engineering field. While having knowledge of all facets of civil engineering, the majority of her career includes expertise in construction engineering, which has allowed her to understand all stages of public works projects from planning to project close-out. She has worked on varied projects from residential street and utility improvements to large scale interstate projects.

**STORMWATER/HYDROLOGY**

Megan Elberts, PE is the managing principal of Gasperec Elberts Consulting, LLC with 11 years of experience in water resources engineering, including green infrastructure, water quality and stormwater management. Megan has experience with hydraulics and hydrology modeling, base flood elevation determinations and permitting water resources projects in Northeastern Illinois.

**CIVIL ENGINEERING DESIGN**

Michael Martin, PE, guides projects to successful outcomes with an emphasis on producing quality deliverables and treating the project team and stakeholders with courtesy and candor. Mike has had the privilege of working on a range of projects including studies and design of highway and street improvements, new construction, and high-profile design-build transportation contracts. Several of these projects have won state and national awards for excellence and merit.

**PROFESSIONAL LAND SURVEYING**

Russell Olsen, PLS is our Survey Manager and has more than 30 years experience as a Professional Land Surveyor in the Chicago Metropolitan area. He has completed numerous Illinois Department of Transportation land acquisition and topographic surveys, Cook County Highway Department Plats of Highway and various other ALTA surveys, Plats of Easements and legal descriptions.

**GEC is proud to be a Certified Disadvantaged Business Enterprise (DBE) and Woman Owned Business Enterprise (WBE)**

Gasperec Elberts Consulting, LLC provides civil engineering and surveying services from the planning phases through construction. We pride ourselves on serving our clients with a professional approach and thoughtful attention.

**IDOT PRE-QUALIFICATION**

- Highways
  - Roads and Streets
  - Freeways
- Location Design Studies
- Rehabilitation
- Reconstruction/Major Rehabilitation
- Special Services
  - Construction Inspection
  - Surveying
- Special Studies
  - Location Drainage
  - Traffic Studies
  - Safety

**CERTIFICATIONS**

- Disadvantaged Business Enterprise
- Woman Owned Business Enterprise

**PROFESSIONAL AFFILIATIONS**

- ACEC – IL Chapter
- ASCE – IL Section
- Illinois Road & Transportation Builders Association
- Women’s Transportation Seminar – Greater Chicago
- National Society of Professional Surveyors
- Illinois GIS Association
Gonzalez regularly performs Construction Management work for Departments of Transportation throughout the Midwest. Our project portfolio includes 14 selections as Prime Consultant for IDOT, 2 Prime selection for the Illinois Tollway, and several dozen subconsultant selections for ISTHA, IDOT, CDOT, MoDOT, and others.

Extensive project management experience and expertise allows the Gonzalez team to effectively assist the owners and contractors of public works projects and commercial private sector jobs with construction management services. Our staff of seasoned professionals monitor the contractor’s progress and compliance with contract documents to ensure proper construction techniques, materials, equipment, and personnel are utilized throughout the project schedule. During the construction phase of a project, our team provides close supervision and related services to coordinate the project with the owner, design professionals, and subconsultants.

**ISTHA Prime Selections:**
- PSB 18-1/10: Tri-State Tollway Construction Upon Request
- PSB 16-1/1: I-90 and Systemwide Construction Upon Request

**IDOT Prime Selections:**
- PTB 198/17: IL 47 over I-55
- PTB 196/7: District 1 Phase II Various/Various
- PTB 194/28: District 3 Phase III Various/Various
- PTB 192/6: I-94 Kennedy Expwy @ Montrose Ave.
- PTB 183/9: I-90 @ I-290/Congress Parkway
- PTB 172/21: Rte 157 over Schoenberger Creek
- PTB 169/32: District 8 Phase III Various/Various
- PTB 164/7: Joliet Movable Bridges
- PTB 161/32: IL 15 over IL 13 and ICG Railroad
- PTB 156/51: District 8 Phase III Various/Various
- PTB 154/46: District 8 Phase III Various/Various
- PTB 153/52: I-64 over Metrolink
- PTB 151/50: D8 Phase III Various/Various
- PTB 147/39: Mississippi River Bridge
- PTB 139/17: D8 Phase III Various/Various

**Phase III Services**
- Construction Management
- Construction Inspection
- Documentation of Contract Quantities
- NACE III Paint Inspection
- QC/QA
- CMMS
- Construction Layout
- Constructability Review

**Prequalifications**
- Construction Inspection
- Roads & Streets
- Freeways
- Structures: Simple
- Structures: Typical
- General Geotechnical Services
- Structure Geotechnical Reports
- Survey
- Traffic Studies
- Traffic Signals
- Rehabilitation
- Major Rehabilitation
- Location Drainage
- Pump Stations
- Waterways: Typical
Horner & Shifrin, Inc. is a multidisciplinary professional services firm with offices throughout Illinois and Missouri. We have expanded our services to meet our clients’ continuously changing needs and keep ahead of technological developments. We offer engineering services in all phases of a project, including design, feasibility, planning, development, GIS mapping services and construction administration. We have the in-house capability to execute projects of major scope. Many of our projects have demonstrated innovative techniques and designs, for which we have received numerous professional awards and repeat assignments from clients. H&S is a 100-percent employee-owned corporation, managed by our officers and directors.

Horner & Shifrin’s transportation engineering group specializes in a number of categories of services that could be utilized to best mentor DBE firms on future Tollway design and construction management projects both. These categories of work include:

- Interstate Highway / Expressway Design
- Structural Inspections / Design (Certified inspectors at Chicago office)
- Aerial surveying & 3D Modeling / Software (See I-90 / I-490 project reference below)
- Hydraulic Surveys / Drainage Design / Erosion Control

Listed below are references to a number of recently completed projects that highlight these strengths:

**Jane Addams Memorial Tollway (I-90) & I-490 Interchange Ramps | Illinois Tollway**

H&S conducted aerial photogrammetry and used 3D modeling to estimate earthwork quantities on the new interchange construction project. A detailed report was created to compare these quantities with the as-built volumes obtained through traditional methods of measure and to help the Tollway find a new way to more accurately and easily measure earthwork quantities on large construction projects.

**Deerpath Road Bridge over Reagan Memorial Tollway (I-88) | Illinois Tollway**

H&S performed Phase II design for reconstruction of Deerpath Road Bridge over Reagan Memorial Tollway (I-88). Provided public involvement, agency coordination, drainage design, and traffic management plans. Sam Mittal led the structural design of the recently completed Deerpath Rd. bridge over the Reagan Memorial Tollway. H&S will support the construction management of this structure.

**I-255 Rehabilitation | IDOT, Region 5, District 8**

I-255 was built in the mid-80s with no significant improvements since initial construction. H&S performed the phase II designs for the bridge and pavement rehabilitation of this urban expressway. Phase II plans were prepared in less than nine months to meet the accelerated schedule.

**I-270 North Design-Build | MoDOT, St. Louis Area District**

H&S provided engineering design services for drainage, roadway, bridge, and hydraulics for MoDOT’s $270M I-270 North Design-Build Project. Led all drainage design for the 7-mile corridor. The complex design accounted for widening of I-270, interchange improvements, 1-way outer road conversions, and new outer roads improvements.

Areas of work in which H&S could best use the support of other firms include the following:

- Traffic Engineering Data Collection / Analysis
- Lighting / Electrical / ITS Engineering
- Traditional Surveying (Resources out of St. Louis area offices)
- Geotechnical Reports / Services
- Construction Inspection (Documentation/Inspection Engineers and former Tollway Materials Engineer in the Chicago office)
INTERRA, Inc. is Minority & DBE Certified for 25 years providing comprehensive Materials Quality Assurance and Testing, Geotechnical and Environmental Engineering, and Construction Management services.

**O& R STORY**
The Illinois Institute of Technology, located on the south side of Chicago, was the platform where partners would meet, grow up, and Chicago would play an integral role in founding INTERRA and its identity. The Chicago area provided opportunity for not only INTERRA leadership but for its employees, valued clientele, and people located in Chicago and around the U.S.

**INTERRA’s TEAM**
- Licensed Professional Engineers
- Certified Engineering Technicians with IDOT, ACI, PCI, and OSHA Certifications
- Experienced Staff with PhD’s
- 55 Qualified Staff

**INTERRA’s FULL SERVICE LABORATORY**
- AMRL(AASHTO)/CCRL/DOT/USACE Certified
- INTERRA has tested over $4$ million tons of HMA and $2$ million cyds of PCC on QC/QA projects

**Services To Everyday Experience**
- Quality Assurance Materials Inspection & Testing
  - Systemwide IA Materials Engineering Contract
  - Materials Subconsultant on various contracts on I-294, I-88, I-355 and I-90 corridors

**Materials Coordination**
- I-88 Midway Rd. (RR-13-5662)
- EOWA I-490 at I-90 (I-18-4705)

**Construction Management Services**
- CM Services Upon Request (Prime) (RR-18-4378) (Current)

**Geotechnical Engineering**
- Geotechnical Services Upon Request (Prime) (RR-19-4480) (Current)
- Geotechnical Subconsultant on various contracts

**Why INTERRA?**
- Tollway Experience
- Technology Focus
- Qualified Diverse Staff
- Prompt Communication
- Always Committed
- Integrity Focused
- Transparency
- Sustainability
- P4G Experience


Quality, Service, & Commitment
Core Competencies

ITS Engineering (ITSE) is an Illinois Professional Engineering Corporation specializing in Traffic Monitoring & Management Systems (TMS) design, integration, testing, deployment and maintenance management. Deliverables include IFBs and RFPs for the acquisition of ITS systems as well as many technology scans and engineering reports.

Past Performance

6 years experience as an IL Tollway subconsultant. Major clients include several top 25 ranked design engineering firms. ITSE has delivered several Phase I and Phase II engineering packages to the Illinois Tollway which have been successfully advertised and constructed. ITSE also reviews construction submittals for Phase III contracts.

Differentiators

ITSE provides transportation systems infrastructure engineering, communications engineering, electrical engineering and system procurement support services to surface transportation agencies and prime consultants. It specializes in the most advanced technologies such as wireless (4G, 5G & DSRC) and fiber optic digital communications, non-intrusive vehicle sensing technologies including radar, magnetic and high resolution video, secure, fault tolerant networking, high performance edge computing, big data storage, large screen display systems, Active Traffic Management (ATM), multimodal mobility and Cooperative Automated Vehicle (CAV) systems. ITSE designs roadside traffic monitoring, roadway lighting, and reliable power systems.

Principal Engineer, Darryl Dawson (BS EE/CS - MIT, MBA - IIT—Technology Management), is an Illinois licensed professional engineer and ITE and IEEE member with over 45 years of industry experience, and has presented several technical papers on Cooperative Vehicle deployment at regional and national ITS conferences. Mr. Dawson is a former Illinois Tollway staff (ITS Deployment) engineer and former CTA general engineering consultant (GEC) contractor.

The company’s Chicago office is located in the Technology Park on the campus of the Illinois Institute of Technology, where a highly skilled workforce of young transportation engineers and IT specialists is readily available. ITSE received the ACEC Special Achievement Award during the 2019 Engineering Excellence Awards Competition as a subconsultant for the Illinois Tollway’s Tri-State Tollway Master Plan design study.

Contact Information

<table>
<thead>
<tr>
<th>Company</th>
<th>ITS Engineering Ltd.</th>
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<tbody>
<tr>
<td>Owner</td>
<td>Darryl Dawson, P. E.</td>
</tr>
<tr>
<td>Phone</td>
<td>312-731-9030</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:ddawson@itsengineering-ltd.com">ddawson@itsengineering-ltd.com</a></td>
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Company Data

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<td>Certifications</td>
<td>DBE, MBE, BEP, SB</td>
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<tr>
<td>Industry / Other</td>
<td>Cisco CCNA, BICSI</td>
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<td>Certifications</td>
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<tr>
<td>Company Footprint</td>
<td>Project experience in Illinois</td>
</tr>
</tbody>
</table>
FIRM OVERVIEW
KAD Engineering LLC provides construction management services to all transportation agencies including State, Counties and Villages in the Chicagoland area.

Our Company came into existence with a basic ideology of equality for all. We strive to provide opportunities to the most diverse work force who provides excellent quality work to our clients. Our Mission is to provide the best work by utilizing our experience and training together. Your success is our success. At KAD Engineering, excellence is just not a virtue, it’s an attitude that reflects in each of our employees.

OUR SERVICE
- Construction Management
- Contract administration
- Construction inspection
- Documentation and Project Closeout
- Erosion & Sediment Control Inspections
- Project control: time and schedule management
- Cost and budget monitoring
- Conflict resolution

WHY US
- Participate in Illinois Tollway’s Partnering for Growth (P4G) program with new firm
- Receive credit toward advertised DBE and/or VOSB goals by participating as mentor

CERTIFICATION
- IDOT Pre-qualification: Construction Inspection
- Illinois Professional Engineer License
- Documentation of Contract Quantities
- Erosion and Sediment Control Certification
- Pending certifications: WBE, MBE and DBE

FORMER EMPLOYER
- Illinois Department of Transportation (IDOT)
- Illinois Tollway
- Cook County Highway Department

WORKING RELATIONSHIP
- Illinois Department of Transportation (IDOT)
- Illinois Tollway
- Cook & Will County Highway Department
- Chicago Department of Transportation (CDOT)
- Local Agencies: counties, villages, cities and municipalities
ABOUT US

Kaletch LLC is a licensed professional design engineering firm offering services in Preconstruction, Planning and Supervision on all Infrastructure projects.

OUR SERVICES

Project Management Services mainly include:

- Planning and Scheduling of work/Construction Progress using Primavera P6 Version 20 and MS Project
- Project Progress Monitoring, Corrective and Preventive Action Reports with Breakup of Engineering, Procurement, Construction Monitoring in line with the desired Project Schedule.
- Progress Reports, Progress S-curves & Functional Schedules
- Documentation Control & Management
- Supervision & Inspection Services
- Independent/ Third-party Scheduling Audits

Pre-Construction

- Site Evaluation
- Estimating and Bidding Division
- Value-Added Engineering
- Building Information Modeling
- Quantity takeoffs from drawings.
- Cost planning for all types of buildings and infrastructure.

Computer Aided Drafting

- AutoCAD, Microstation, and REVIT

PARTIAL LIST OF CLIENTS

<table>
<thead>
<tr>
<th>Sr.No</th>
<th>Name of Client</th>
<th>Services Offered</th>
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<tbody>
<tr>
<td>1</td>
<td>IES</td>
<td>USACE Scheduling 4 projects, Microstation</td>
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<td>Northwest Engineering</td>
<td>Scheduling, CAD</td>
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<td>ECODETROIT</td>
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<td>CARDINAL STATE LLC</td>
<td>TOLLWAY CAD</td>
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Construction Inspection

Current and Past ISTHA Construction Inspection Experience as Subconsultant/Protégé

- EOWA, I-490, I-294 (Grand Avenue to Wolf Road) Project
  - Contract No. I-18-4380
- Tri-State Tollway (I-94) Pavement and Structural Preservation and Rehabilitation Project (Half Day Road to Lake Cook Road)
  - Contract No. RR-16-4277
- EOWA, I-390 Project (Illinois Rt 83 to York Road)
  - Contract No. I-17-4680
- I-90 (Jane Addams Memorial Tollway) Pavement Reconstruction and Bridge Widening Project (Elgin Toll Plaza to Fox River)
  - Contract No. I-14-4189

Current and Past Other Agency Construction Inspection Experience as Subconsultant

- CDOT Citywide Residential Street Lighting Project (B-1-624)
- CDOT Lakeshore Drive Bridge over La Salle Drive Rehabilitation (E-1-4703)
- CDOT Milwaukee Ave. Section IV Improvements Project, Addison to Belmont (B-1-642)
- Metra Deering Bridge (UPN) Rehabilitation Project
- Metra Z-100 Bridge (over Fox River) Construction Project
- Metra Rehabilitation of Electric District Line Bridges over 63rd and 64th Streets
- Metra A-32 Bridge (MDN) Replacement Over Milwaukee Avenue

Program Management

- NICTD Double Track Project - Deputy Program Manager
  - Prime Consultant
- NICTD West Lake Corridor Improvement Project
  - Prime Consultant
- IDOT CREATE 75th Street CIP Program Manager (PTB 189-027)
  - Subconsultant
- CDOT Lincoln Yards Redevelopment PMO Project (B-9-442)
  - Subconsultant
- Metra Project Administration Blanket (K41329)
  - Prime Consultant
- Metra Project Administration Blanket (K20204)
  - Prime Consultant

Phase I, Phase II, and Design/Build (Subconsultant)

- Metra BNSF Kendall Extension Phase I Study
- CDOT Burley Avenue Improvements Phase II Project (B-1-428)
- CTA RPM Phase I Design-Build Project

Contact Information

Sainath Reddivari, PE
President
Phone: (312) 479-7611
sainath@lse-eng.com

www.lse-eng.com
47 West Polk Street, Suite M-6
Chicago, Illinois 60605

In recognition of our work at Metra, we were presented with Metra’s 2018 DBE award for outstanding work.
LT Leon Associates is an engineering firm that specializes in civil and environmental engineering, water resources, conservation, and planning. Our team of engineers and technical specialist develop and deliver innovative sustainable solutions that facilitate the betterment of the community, the environment, and public health and safety. We are committed to the enhancement and conservation of our natural resources.

PROFESSIONAL SERVICES

CIVIL ENGINEERING | CONSERVATION | PLANNING
- Hydrologic/Hydraulic Engineering
- River Restoration, Wetland Restoration
- Sustainable Stormwater Management
- Floodplains & Watershed - Modeling, Mapping, Management, Studies, Permitting
- Mine Land Reclamation
- Conservation Planning and Engineering
- Sanitary Sewer Systems, SSES, I&I Studies
- Water Main Distribution Systems
- Transportation, Transit, Rail, Aviation
- Sustainable Site Design
- Bicycle and Pedestrian Planning and Design
- ADA Assessment & Design
- Parks and Recreation Projects
- Funding Assistance, Grant Writing
- Regulatory Permitting Assistance
- SWPPP Management
- Construction Administration & Oversight
- Pipeline Integrity
- GIS Mapping and Asset Management
- Topographic & Hydrographic Surveying

FEDERAL GOVERNMENT INFO

DUNS NUMBER: 024874244

NAICS CODES
541330 ENGINEERING
541320 PLANNING
541340 DRAFTING
541370 SURVEYING & MAPPING SERVICES
541620 ENVIRONMENTAL CONSULTING SERVICES
541690 OTHER SCIENTIFIC & TECHNICAL CONSULTING SERVICES
221310 WATER & WASTEWATER DESIGN

SIC CODES: 8711 ENGINEERING SERVICES
PCS CODES: F099 OTHER NATURAL RESOURCES MANAGEMENT & CONSERVATION
F103 WATER QUALITY
C217 A/E MAPPING

USDA/NRCS TECHNICAL SERVICE PROVIDER CERTIFICATIONS
- Comprehensive Nutrient Management Plan Development
- CAP Drainage Water Management Plan
- Channel and Streambank Stabilization

LICENSED STATES
Iowa Wisconsin
Missouri South Dakota
Illinois Kansas
Minnesota Oklahoma
Nebraska Wyoming

CERTIFICATIONS
SBA: 8(a) Certified (2013-2022)
SBA: HUBZone Certified
SDB: Self-Certified Small Disadvantaged Business
DBE: Disadvantaged Business Enterprise - Iowa, Illinois, Minnesota, Missouri, Nebraska, Wisconsin

FEDERAL AGENCIES
- U.S. Army Corps of Engineers - Kansas City District
- USDA Forest Service - Region 1
- United States Postal Service - Western FCCMT
- GSA - Region 6
M Squared Engineering, LLC (M²) is a full-service civil engineering firm offering comprehensive professional services to municipalities, government agencies, and private developers throughout the Midwest. Established in 2003, our firm is headquartered in Cedarburg, WI with a branch office in Chicago, IL.

We serve various governmental agencies throughout the Midwest, including IDOT, Illinois Tollway, MWRD, MMSD, WisDOT, and various counties and municipalities. We maintain focus on the project’s successful delivery while observing and respecting local ordinances, economic efficiency, and ecological environments. Our team’s passion and vision set us apart from the rest by ensuring innovative, cost-efficient solutions while meeting or exceeding regulatory requirements.

The M² team believes in giving back to our community by volunteering our time, efforts, and experience through a variety of organizations including Cedarburg Education Foundation, Engineers in Action, Cedarburg Friends of Parks and Recreation, Ozaukee County Agricultural Society, Children’s Hospital of Wisconsin, and more.

**WHO WE ARE**

M Squared Engineering, LLC (M²) is a full-service civil engineering firm offering comprehensive professional services to municipalities, government agencies, and private developers throughout the Midwest. Established in 2003, our firm is headquartered in Cedarburg, WI with a branch office in Chicago, IL.

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**SERVICES**

- Phase I/II Transportation Engineering
- Construction Engineering
- Municipal Engineering
- Aviation Engineering
- Rail Engineering
- Hydrologic and Hydraulic
- Water Resource Management
- Stormwater Management
- FEMA Floodplain Management
- Site Design/Land Development
- Land Surveying
- Construction Staking
- Construction Inspection
- Erosion Control Inspection
- Phase 1 Environmental Hazmat

**CERTIFICATIONS**

- **DBE:** IDOT, MWRD, MMSD, WisDOT, Milwaukee County, MNDOT
- **WBE:** MWRD, MMSD, WDOA
- **MBE:** Dept. of Commerce, MMSD, WDOA
- **Woman-Owned and Small Business**
- **DBE:** IDOT, MWRD, MMSD, WisDOT, Milwaukee County, MNDOT
- **WBE:** MWRD, MMSD, WDOA
- **MBE:** Dept. of Commerce, MMSD, WDOA

**DOT PRE-QUALIFICATIONS**

- Highways–Freeways
- Special Studies–Location Drainage
- Hydraulic Reports–Waterways: Complex
- Hydraulic Reports–Waterways: Typical
- Highways–Roads & Streets
- Special Services–Construction Inspection

**OUR DESIGN TEAM**

- **Minal Hahm, PE, CFM**
  - Principal Engineer
  - 28 yrs

- **Matthew Hahm, PE**
  - Principal Engineer
  - 26 yrs

- **David Bachhuber, PE**
  - Senior Engineer
  - 18 yrs

- **Dixie Weinkauf, PE**
  - Senior Engineer
  - 37 yrs

- **Doug Weinkauf**
  - Senior Engineer
  - 37 yrs

- **Peggy Stucky, EIT**
  - Lead Resident Engineer
  - 21 yrs

- **Eric Greenfield, EIT**
  - Assistant Resident Engineer
  - 5 yrs

- **Jacob Winker, EIT**
  - Staff Engineer
  - 3 yrs

- **Dan Minunni, EIT**
  - Staff Engineer
  - 4 yrs

- **Dan Chyko**
  - Staff Engineer/Construction Inspector
  - 2 yrs

- **Tony Gromacki, PLS**
  - Senior Surveyor
  - 41 yrs

- **Adam DeGroot, PLS**
  - Senior Surveyor
  - 26 yrs

- **Theodore Grover**
  - Survey Technician
  - 3 yrs

**FEDERAL**

- **DUNS:** 169166076
- **Cage:** 33AC1
- **S/W/MBE Business**

**NAICS**

- **541330:** Engineering Services
- **541370:** Surveying, Mapping Services
- **541620:** Environmental Consulting Services
- **488210:** Support Activities for Rail Transportation

**ILLINOIS**

230 W. Monroe St., Suite 1400
Chicago, IL 60606
312.429.4976

**WISCONSIN**

N19W6719 Commerce Ct.
Cedarburg, WI 53012
262.376.4246
Mackie Consultants, LLC is a full-service consulting engineering firm providing a wide array of civil engineering, land surveying and construction services from Phase I through Phase III. Our belief in building a strong professional relationship with our clients is the cornerstone to the success of the project and our reputation. Since 1975, we have dedicated ourselves in providing the foremost in customer service by taking the time to understand our client’s specific project needs and goals.

We have a successful record of understanding project requirements, assessing complex constraints, recognizing the concerns of multiple stakeholders and working collaboratively with others to achieve the project goals. We have experience in the completion of multi-objective designs that are both innovative and cost effective.

We can provide the following services:

**Land Surveying**
Mackie Consultant’s surveyors have extensive experience in all aspects of providing land surveying services. They have worked with engineers, contractors and government officials and understand what each entity needs to meet project requirements. Our experience includes determining property boundaries and right-of-way locations; obtaining field information for transportation projects and hydraulic analysis; and staking roadway improvements. We can complete Plats of Highway, Legal Descriptions, 3D scans, 3D models, Land Title Surveys, Topographic Surveys, Hydrographic Surveys, Title Document Review and Record Drawings.

**Phase I Services**
Our staff has completed various Phase I studies and have the following capabilities:

- Location Drainage Studies
- Hydraulic Reports (Waterways and Pump Stations)
- Dry Utility Conflict and Design Assessment
- ADA/IAC Compliance Analysis
- Engineer’s Opinions of Probable Cost
- Right-of-Way Analysis
- Phase I design drawings
- Maintenance of Traffic Plans
- Complete Streets Analysis
- Preliminary Geometric Plans
- Underground Utility Design
- Crash Analysis

**Phase II Services**
We are well versed in the completion of the Plans, Specifications and Cost Estimates required for complex roadway improvement projects. Our experience includes Intersection Improvements, Roadway Widening, Complete Reconstruction, and Roadway Rehabilitation Projects. Our clientele has included the Illinois Department of Transportation, Illinois State Toll Highway Authority, Cook County Department of Transportation and Highways, City of Chicago, Various County and Municipal Agencies and private entities. These projects have been financed through Federal, State and Local Funds.

**Phase III Services**
Our construction engineers are experienced professionals that have been cross trained in providing Phase I, Phase II and land surveying services. This cross training provides our staff with a broad range of knowledge that can be applied in the field when challenges arise. We believe in being active participants during the project; observing, planning and proactively anticipating the actions required in the field. We work on all levels to ensure the project runs smoothly, on schedule and under budget.

When you choose Mackie Consultants, LLC you choose a professional staff that understands the collaboration required between land surveyors, engineers, stakeholders and owners.
Millennia Professional Services (MPS) was founded in 2004 on the principle that exceptional quality engineering work is the result of experience, efficiency, intense dedication, and a diverse set of ideas.

Our mission is to enable our public and private sector clients to succeed at their goals by providing exceptional quality, unparalleled economic value, and consistent timely delivery; and by developing synergistic client relationships built on trust.

MPS is a certified Disadvantage Minority Business Enterprise (DBE/MBE) prequalified by the Illinois Department of Transportation and servicing private and public sector clients across Illinois and Missouri. We provide material testing services on: concrete, asphalt, aggregates, soils and other construction materials. Our team of experienced, licensed professionals provides a wide variety of services to meet your business needs with high quality, high value results. MPS has fully equipped laboratories accredited by IDOT, AASHTO Resource (AMRL), CCRL, ASTM, and O'Hare airport.

Field Services*  
- Soils and Geotechnical  
- Controlled Earth Fills  
- Portland Cement Concrete (PCC)  
- Hot Mix Asphalt (HMA)  
- Reinforcement Bar Observation  
- Recycled Concrete Aggregates  
- Pervious Concrete  
- Resistivity Testing  
- Foundation Observation  
- Structural Steel Observation  
- Construction Inspection  
- Surveying (Route and Land)  
- Non Destructive Testing of PCC

Laboratory Services*  
- Portland Cement Concrete (PCC)  
- Modulus of Elasticity  
- Hot Mix Asphalt (HMA)  
- Extraction Analysis  
- Volumetric Analysis  
- Soils Classification  
- Unconfined Compressive Strength Aggregates  
- Recycled Aggregates  
- Aggregate Gradation Analysis  
- Aggregate Specific Gravity  
- Compressive Strength of Concrete, Mortar, Grout, Epoxy, etc.

Millennia is centered on the following core values:

◊ Providing high quality service and on-time deliverables.
  ◊ Valuing our clients’ trust.
  ◊ Understanding our clients’ needs and goals.
◊ Providing the public with a better quality of life by improving infrastructure.
  ◊ Valuing our employees to maintain our depth of expertise.
  ◊ Promoting corporate values such as open communication, continuous improvement, and open-book management.
◊ Always being open minded to new ideas and technologies.
  ◊ Giving back to the community.

Website: www.millennia.pro
Material Solutions Laboratory (MSL) is an IDOT DBE certified Professional Civil Engineering Firm located in Elk Grove Village, IL. MSL believes that our transportation systems are vital to the economic prosperity of our community and nation, and Quality construction is essential for successful projects. MSL is committed to building the best transportation systems by employing personnel who are dedicated to excellence. We believe in investing in our employees thru education, training, and personal development and utilizing emerging technologies that will advance our industry and provide value to our employees and clients.

MSL provides complete Field and Laboratory QA Materials Testing for Aggregates, Portland Cement Concrete, Hot Mix Asphalt, Soils and is prequalified in construction inspection. MSL has quickly risen to be considered one of the top construction material testing firms in Northern Illinois specializing in road transportation projects. Material Solutions Laboratory has a fully equipped laboratory which is accredited by AASHTO, CCRL, AMRL, AAP, and ACI.

MSL recently purchased and implemented a software system called Spectra QEST which is the leading Laboratory Information Management System (LIMS). This also included considerable customization of the Spectra QEST platform, which allows MSL to perform field and laboratory testing per IDOT and Tollway requirements and automatically generate reports without a 2nd person performing data entry. We are currently the only laboratory in the Chicagoland area with this technological capability. We believe that this type of data driven system will become common in our industry and MSL is excited to be on the “cutting” edge of this technology and to share its benefits with our clients.

IDOT Pre-Qualification Categories:
- Special Services – QA HMA & Aggregate
- Special Services – QA PCC & Aggregate
- Special Services – Construction Inspection
- IDOT DBE Prequalified Engineering Consultant

TOLLWAY MATERIAL TESTING PROJECT EXPERIENCE

Tollway Reconstruction
1. I-94, Edens Spur Reconstruction, RR-16-4275
2. I-88, York Road Plaza to I-290, RR-13-4116
3. I-90, Arlington Heights to Oakton Street, I-14-4187
4. I-90, Higgins to Roselle, I-14-4190
5. I-90, Barrington Rd Ramp Reconstruction, I-14-4192
6. EOWA, US 20 to Roselle, I-13-4609
7. I-90, IL-25 Bridge & Ramp Reconstruction, I-13-4104
8. I-90, Barrington & Higgins Bridge Recon., I-13-4105
9. I-90 at Fox River Bridge, Contract I-12-4048
10. I-57 at I-294 Interchange, Contract I-12-4067
11. EOWA – Thorsdale Ave Flyover at I-290
12. I-90, Arlington Heights to East of Oakton, I-13-4100

Tollway Rehabilitation
1. I-355, I-55 to Army Trail Road, RR-17-4295
2. I-88, US 52 to Midway Road, Contract RR-13-5661
3. I-88, Annie Glidden Rd to IL 56, RR-10-5615
4. I-90, Barrington Rd to Elgin Plaza, I-09-5588

Tollway Misc. & Maintenance
1. M-7 Tollway Maintenance Facility, RR-14-4202
2. I-88, IL-59 to Washington St., RR-17-4312
3. I-88, Washington St. to York Rd., RR-17-4313
4. I-294, Mile Long Bridge Maintenance, RR-16-5714
5. I-90, Rockton to Spring Creek (11 Bridges), RR-16-5715
6. I-294, Noise Abatement wall, RR-16-5716
7. I-294, Grand Ave Interchange, RR-14-4291
8. I-90, Elgin Plaza to Kennedy – ITS Installation, I-15-4227

Tollway Quality Representative
1. I-90, NSMJAWA Watermain Relocation – I-14-4641
2. I-90, NSMJAWA Watermain Relocation – I-14-4648
3. I-90, NSMJAWA Watermain Relocation – I-14-4180
5. I-88, Ramp Reconstruction @ Orchard Rd., RR-18-4403
6. I-88, Annie Glidden to IL 56, RR-16-4254
WHAT WE VALUE
We are: people, knowledge fanatics, expert collaborators, and relationship engineers.

OUR EXPERTISE
+ CORE COMPETENCIES
- Roadway Studies / Design
- Bridge Design / Inspections
- Construction Management
  - Resident Engineer
  - Assistant Resident Engineer
- Inspection
- Documentation
- Primavera P6 Scheduling
- Site Civil
- Water Resources
- Airport Planning / Design
- Bikeways & Trails
- Facilities Engineering
- Utility Coordination

ILLINOIS TOLLWAY EXPERIENCE
DESIGN PROJECTS
- I-355 and I-90 Roadway & Bridge Rehabilitations
- I-294 Various Bridge Repairs
- I-90 Reconstruction & Add Lane
- Elgin O’Hare Western Access Design & Management
- Randall Road Interchange Study
- Multiple DUR Contracts

CONSTRUCTION PROJECTS
- I-90 Retaining Wall, Noise Wall, and Bridge Widening
- I-355 and I-88 Various Bridges & Retaining Walls Repairs
- Elgin O’Hare Western Access, Wood Dale Road
- I-94 Edens Spur

MENTORSHIP
Primera supports the Tollway’s Partnering 4 Growth initiative and mentorship programs in general.
- Sanchez & Associates
- Garza-Karhoff Engineering (IDOT Illinois Route 22 Phase II Project)
- Fuhrmann Engineers (IDOT Bicycle & Pedestrian Study)

"The plans Primera prepared were the best set of plans I have seen in 7 years...very minimal RFI’s and everything went smoothly during construction”

TERRY MCCABE
ILLINOIS TOLLWAY CONSTRUCTION PM
[I-90 REHABILITATION PROJECT]

LET’S CONNECT
STACIE DOVALOVSKY, PE | VICE PRESIDENT, TRANSPORTATION DIVISION MANAGER
sdovalovsky@primeraeng.com
(312) 242-6320

ROB DEMING, PE | VICE PRESIDENT, CIVIL TRANSPORTATION DEPARTMENT MANAGER
rdeming@primeraeng.com
(312) 242-6414

650 Warrenville Road, Suite 200
Lisle, Illinois 60532

CAPABILITY STATEMENT  PRIMERA ENGINEERS, LTD. | PRIMERAENG.COM

Primera is a people-first, full-service, certified woman-owned (WBE) engineering design and consulting firm offering a wide range of professional services centered around three major areas of expertise: Buildings, Transportation, and Utilities. Our Transportation division offers a wealth of experience and expertise in the study and design of roadways, expressways, bridges, bike paths, utility, aviation, as well as stormwater infrastructure, land developments, playgrounds, and recreation areas. We’ve steadily grown to offer comprehensive planning, design, and construction management services focused on client satisfaction at every turn. Whatever the project type, size, or complexity, we are proactive, engaged, and constantly striving to be the best at what we do.
Company Summary

QRSE is a professional services company specializing in civil engineering. Our primary area of expertise is with transportation projects for government agencies. KaiNani Kraut launched QRSE in 2018 as a subconsultant on the Honolulu Rail Transit Project and has been growing steadily ever since. QRSE is DBE, WBE, and MBE certified. Our QRSE staff of 30 professionals has over 300 years of planning, design, construction and project management, and program management experience for civil engineering projects. As our company names states, Quality Results, Skillful Execution, our group of professionals pride themselves in providing the quality service our clients deserve.

Core Competencies

Planning Engineering Services
- Location Design Studies
- Project Design Reports
- Location Drainage Studies
- Feasibility Studies
- Intersection Design Studies
- Pedestrian Accommodations
- Context Sensitive Public Involvement
- NEPA Documentation—Federal Highway Administration (FHWA)
- Federal Transit Administration (FTA)
- Environmental Assistance & Permitting

Design Engineering Services
- Freeway, Tollway, and Interchange Design
- Roadway & Intersection Design
- Roadside Safety Design
- Drainage Design
- Soil Erosion & Sediment Control Design
- Utility Coordination and Design
- Traffic Management and Safety
- Best Management Practices

Program Management Services
- Manuals and Standards Development
- Quality Plan Review
- Construction Administration Development
- e-Construction implementation

Past Performance
- Subconsultant for Honolulu Authority for Rapid Transit (HART) Project. Contact: Stacy Miyamoto, SSFM, 808.531.1308, smiyamoto@ssfm.com
- Construction Management Services for HDOT, Interstate Route H-1 (Kapolei Interchange Complex), Contact: Art Sickles, Arthur.Sickels@hawaii.gov
- Project Manager for I-88 Pavement & Structural Preservation & Rehabilitation Contact: Mohamad Faraj, Illinois Tollway, 630.241.6800, mfaraj@getipass.com
- Project Manager for I-88 Roadway Resurfacing Contact: Rick Hanba, Illinois Tollway, 630.241.6800, rhanba@getipass.com
Raul V. Bravo + Associates, Inc. (RVB+A), established in 1979, provides services related to the development of Transit Systems with our core competency being passenger rail vehicles. Our firm consists of a specialized group of full-time engineers, including registered professional engineers, designers, quality control inspectors & project management professionals as well as several subject matter expert (SME) associates.

In the early years, our clients included mostly public sector agencies, but quickly expanded to occasionally include the private sector, covering the needs of contractors and suppliers. We appreciate the value of the opportunity of embracing the entire transit industry and gaining knowledge and experience while properly and responsibly managing any potential conflict of interest.

The experience established by our firm over the years allows us to participate in projects from A to Z, from early planning stages to project delivery, through technical and economic feasibility studies, design and development and business and partnership structures.

RVB+A provides consulting services to clients in the public and private sector in the domestic and international markets. They include operating agencies, contractors and suppliers, developers, financial institutions, and government DOT’s. Over the last 41 years, we have successfully delivered hundreds of projects to more than 450 clients with contract values ranging from $5,000 desk studies, to $10/15 million for multiyear, multidisciplinary projects.

Today, our position is unique in the consulting business. We are a small firm with 60/70 employees. As a result, we can respond with speed and efficiency and can successfully compete as a prime for some contracts. We have worked as a prime contractor to public sector agencies and as subcontractor to firms of all sizes both domestically and internationally.

RVB+A have gained wide recognition and respect in the industry for the quality of work we do as a competent provider of services. Additionally, RVB+A is currently a Disadvantaged Business Enterprise (DBE) firm, certified by over 40 Federal, State and Regional agencies and can provide, if necessary, the contribution of a small DBE/MBE firm.

RVB+A’s core competencies include the following skills & services:

- Conceptual Studies and Preliminary Design & Engineering
- Final Detailed Engineering Design
- Systems Integration
- Production Engineering
- Industrial Design
- Technical Writing
- Technology Assessments
- Research & Development
- Computer-Aided Drafting and Design (CADD)
- Infrastructure
- Proposal Development
- Project Management
- Quality Assurance/Quality Control
- Buy America
- Safety and Security
- Financial and Administrative

Contact: Julio C. Monroy, Director of Business Development

TEL: 703-326-9092 | E-Mail: juliomonroy@rvba.com
Firm Profile
SE3, LLC is a professional services company specialized in civil engineering. Our primary areas of expertise are in the fields of transportation, ITS, structural, water/sewer design, site development, construction engineering and inspection, and municipal engineering.

The core management team at SE3 collectively has over seventy years of planning, construction engineering, and design experience assisting our clients with their infrastructure projects. In recent years, our staff has established a solid reputation by delivering reliable, cost-effective, and efficient solutions for our clients.

Our talented team of professionals follows the founding principles and vision of this company: everything we do must be in service to our clients, community, and staff.

SE3, LLC is dedicated to being a company that practices the highest level of service through honesty and integrity at all levels.

Firm Demographics
- African American owned
- D/MBE Firm in Illinois, and other states

Since 2004, SE3 has grown from two employees to over 80 across the Midwest and South. As of 2019, our team includes:

- 20+ Registered Professional Engineers
- 1 Registered Structural Engineer
- 1 Registered Geologist
- Construction Managers certified in IDOT Construction Documentation
- 1 Professional Transportation and Operations Engineer (PTOE)
- A full-service contingent of highly professional staff dedicated to client satisfaction.

Firm Experience
- Tollway General Eng. Consultant
- Tollway Design Corridor Manager
- Tollway IL 53 North Ext.
- Tollway I-90 design contracts
- Tollway I-294 Design + MGMT
- IDOT and Tollway CENG
- IDOT Var-Var Ph I and II
- IDOT In-House projects

Local Contact Information
Principal: Jason Martin, P.E.
1111 Burlington Ave, Suite 111
Lisle, IL 60532
P: 630-641-9900
jmartin@se3.us

Firm Qualifications
- Transportation Engineering
- Structural Engineering
- Intelligent Transportation Systems (ITS)
- Water Supply Infrastructure
- Storm Drainage Systems

What we do
- Location Design Studies
- Location Drainage
- Traffic Studies
- Traffic Signals
SINGH + Associates is a registered D/M/WBE with substantial experience with the Illinois Tollway processes and procedures. We combine a full array of analytical, design, and engineering capabilities with technological sophistication to develop effective and sustainable public infrastructure. Our services include:

- Civil + Transportation Engineering
- Electrical + ITS
- Lighting Design
- MEP Engineering
- Construction Management

ILLINOIS TOLLWAY PROJECT SNAPSHOT

CONTACT
Harvind K. Singh | President
hkaur@singhinc.com
230 W. Monroe Street, Suite 1400
Chicago, Illinois 60606
Work: 312.629.0240
Cell: 847.770.1829

• Special Studies - Traffic Studies
• Highways - Freeways
• Highways - Roads and Streets
• Special Services - Electrical Engineering
• Hydraulic Reports - Waterways: Typical
• Special Studies - Feasibility
• Special Studies - Lighting: Typical

• Special Studies - Traffic Signals
• Special Services - Construction Inspection
• Special Studies - Location Drainage
• Special Studies - Safety
• Hydraulic Reports - Waterways: Complex
• Special Services - Mechanical
• Special Studies - Lighting: Complex

PREQUALIFICATIONS

OVER 29 YEARS PROVIDING VALUABLE TRANSPORTATION SERVICES

40+ KNOWLEDGEABLE STAFF
13+ PROFESSIONAL ENGINEERS
72% STAFF REPRESENTING DIVERSE BACKGROUNDS
CONSTRUCTION ADMINISTRATION
Our team will help you create and implement comprehensive construction management strategies, working as an extension of your staff to provide organization, management and communication with an emphasis on quality and safety.

» As-built drawings
» Contract administration
» Constructability review
» Coordination
» Quantities documentation
» Certified inspection
» Construction material testing
» Resident engineer
» Staff augmentation

ENVIRONMENTAL
Our team maintains a strong understanding of environmental laws and regulations and has developed lasting relationships with local, state and federal agencies. Our environmental specialists work closely with engineers, natural resource and cultural resource professionals to facilitate environmental permitting and reports that assist in project development.

» Avoidance, mitigation and monitoring plans
» Federal, state and local permitting
» NEPA compliance
  » Categorical Exclusion (CATEX)
  » Environmental Assessment (EA)
  » Environmental Impact Statement (EIS)
» Noise analysis and abatement
» Agency coordination
» Public and stakeholder involvement

HIGHWAY DESIGN AND ENGINEERING
We use value engineering and innovation to refine concepts and finalize designs, looking at functionality, constructability and cost-saving techniques and phasing to expedite design and construction.

TRANSPORTATION PLANNING
Our planners work closely with traffic engineers and design professionals to ensure plans are based on accurate forecasts and costs. We work on projects of all different sizes, from city, county and state to federal levels. Our emphasis on communication with staff, elected officials and project stakeholders will help with collaboration and buy-in to move your project forward.

» Corridor studies
» Feasibility studies
» Pedestrian and bicycle plans
» Pavement management plans (PMP)
» 3D renderings and animation

» Highways
» Interchanges
  » Highway-to-highway interchanges
  » Highway-to-roadway interchanges
  » Diverging diamond interchanges (DDI)
  » Single-point urban interchanges (SPUI)
  » Continuous flow interchanges (CFI)
» Roundabouts
» Managed lanes and tollways
» Retaining walls
» Lighting
» Stormwater
» Alternative delivery (design/build, P3, CMAR)

BRIDGES
Our bridge designers are experienced in all aspects of bridge engineering services including design, inspections and load ratings. Our team works with a variety of software to make sure your project is structurally sound and adheres to AASHTO and state specific codes.

» Highway bridges
» Railroad bridges
» Pedestrian bridges
» Rehabilitation and historic preservation
» Accelerated Bridge Construction (ABC)
» Prefabricated Bridge Elements (PBES)
» Inspection and load rating
» Bridge inspection and scour analysis
CORE COMPETENCIES

TranSmart is a leading provider of engineering, planning, and construction-related services to public clients in the areas of:

- Transportation Engineering and Design
- Intelligent Transportation Systems (ITS)
- Civil Engineering
- Electrical Engineering
- Structural Engineering
- Multimodal Transportation
- Transportation Planning and Documentation
- Connected and Autonomous Vehicles
- Construction Management and Inspection
- Program Management
- Telecommunications/Utilities

In addition to 33 licensed professional engineers, TranSmart’s staff is comprised of professionals with licenses and certifications that include structural engineering (SE), transportation operations (PTOE), Cisco Certified Network Associate (CCNA), LEED, bridge inspection (team leader and program manager), and construction oversight (documentation, materials management). TranSmart is prequalified with the Illinois Department of Transportation in 18 categories covering planning, design, and construction phase services covering planning, design, and construction phase services.

DIFFERENTIATORS

- Partnering in Solutions that Work for You - Yes, it’s our tagline; but more than that, it is our focus. We are here to serve our clients and provide a high quality product. Our focus is service and quality.
- TranSmart is a certified Disadvantage Business Enterprise (DBE), Minority Business Enterprise (MBE), Women-Owned Business Enterprise (WBE), Women’s Business Enterprise (WBENC), and Women-Owned Small Business (WOSB) firm.

PAST PERFORMANCE

Illinois State Toll Highway Authority
- Intelligent Transportation Systems (ITS) Services Upon Request, Systemwide (Prime)
- Design Upon Request – Systemwide, 2014 – 2020, Illinois (Prime)
- I-88 Rehabilitation, DeKalb and Kane Counties, Illinois (Prime)

Illinois Department of Transportation
- Various Phase I Studies, District 1, Cook County, Illinois (Prime)
- Various Lighting Projects, Statewide (Prime)
- IL 31 Bypass Hazardous Waste Removal Construction Oversight, District One (Prime)

Chicago Department of Transportation
- Professional Design Engineering Services Task Order, Chicago, Illinois (Prime)
- Bridge Design Engineering Services Group 1 Task Order, Chicago, Illinois (Prime)
- Wacker Drive Reconstruction, Chicago, Illinois (Subconsultant)

Transit Agencies
- CTA Red and Purple Line Modernization, Chicago, Illinois (Subconsultant)
- Metra Design Upon Request, Structural Design Services, Chicago, Illinois (Subconsultant)
- Pace Transit Signal Priority Program, Chicago, Illinois (Subconsultant)
With more than 200 engineers, Valdes Engineering Company provides detail engineering, project management, construction management and many other professional services to the Utilities, Oil & Gas, Life Sciences, and Chemicals industries. Valdes supports its clients’ integrated businesses from gas storage and gas transmission and distribution through generation, electric power transmission and distribution for Utilities. For the Process industries, Valdes supports its clients’ clean manufacturing, downstream, midstream and upstream operations.

**COMPANY OVERVIEW**

**INDUSTRIES SERVED**

**Utilities**
- Gas Storage & Transmission
- Substations
- CHP & Cogeneration
- Fossil Power Generation
- Renewables
- Steam Production & Distribution

**Oil & Gas**
- Refining
- Gas Processing
- Pipelines & Terminals

**Chemicals**
- Petrochemicals
- Specialty Chemicals
- Agricultural Chemicals
- Bulk & Liquid Chemicals

**Midstream**
- Natural Gas T&D Design
- GIS/Utility Network/CAD
- Compliance & Integrity
- Instrumentation & Controls

**Life Sciences**
- Biotechnology
- Pharmaceuticals
- Nutraceuticals
- Medical Devices
- Food Processing
- Consumer Products

**COMPANY OVERVIEW**

**EXPERIENCE**
- Process Engineering
- Mechanical Engineering
- Electrical Engineering
- Instrumentation & Controls Engineering
- Civil & Structural Engineering
- Piping & Plant Layout
- Pipe Stress Analysis

- Laser Scanning & Surveying
- Project Controls
- Project Management
- Procurement Services
- Construction Management
- Cost Estimating

for other services CONTACT US...

**CONTACT**

Jillian Garcia  
Manager of External Affairs  
100 West 22nd Street  
Lombard, IL 60148  
Office 630.678.2847  
Cell 630.452.5125  
jgarcia@valdeseng.com  
www.valdeseng.com