



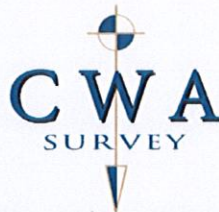
## **REQUEST FOR PROPOSAL**

### **Professional Land Surveying Services for the Establishment of Vertical Bench Mark Monuments**

August 17, 2016

This Proposal Package Includes:

- Scope of Services-Project Team-Project Schedule
- Proposed Survey Route and Monument Exhibit
- Cost of Services
- All associated documents as provided in RFP
- Firm Overview
- Staff Resumes



Prepared by: David A. Claassen, PLS

### **Claassen, White & Associates, P.C.**

121 Airport Drive, Unit I, Joliet, Illinois 60431  
(815) 744-3720 office (815) 744-3752 fax  
[claassenwhite@cwasurvey.com](mailto:claassenwhite@cwasurvey.com)





## **Claassen, White & Associates, P.C.**

LAND SURVEYORS

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(815) 744-3720 office (815) 744-3752 fax

[claassenwhite@cwasurevey.com](mailto:claassenwhite@cwasurevey.com)

DBE & WBE certified

IDOT prequalified in Special Services (Surveying)

RHONDA J. WHITE, PLS  
President

DAVID A. CLAASSEN, PLS  
Vice-President

August 18, 2016

Village of Oak Park  
Engineering Division of the Public Works Department  
Attn: RFP for Professional Land Surveying Services for the  
Establishment of Vertical Control Monuments  
Project No. 16-21  
Cook County, Illinois

### **Scope of Services**

Establishment of Benchmark Monuments to include the following.

- Establish (8) Bench Mark Monuments that shall meet 2<sup>nd</sup> order class 1 vertical standards within the Village of Oak Park per NGS Standards and Procedures.
- Establish additional monuments necessary to meet above standards for differential leveling from distant off-site existing NGS monuments, assume 8 new off-site monuments with class "C" stability (Brass or Aluminum Disc drilled in concrete).
- Re-establish (2) existing Control Monuments that shall meet 2<sup>nd</sup> order class 1 vertical standards.
- Tying approximately 16 existing hydrant Bench Marks and 2 City of Chicago Standard Bench Marks to control survey using differential leveling. Control spread sheets will be provided with control diagrams. The datum will be provided in both NAVD88 and City of Chicago Datum.
- Establish the horizontal location of the 10 Bench Mark Monuments to State Plane Coordinates (Illinois East) using RTK GPS Methods (no order specified).

### **Project Team**

Claassen, White & Associates, P.C. (CWA) will be the Prime Consultant.  
Butler, Fairman & Seufert, Inc. (BFS) will be a sub-consultant to CWA.

David A. Claassen, PLS / Project Manager / QA/QC (CWA)  
Keith A. Gregory, PLS / Project Surveyor (CWA)  
Jason Shibley / Field Technician / Data Management / Downloads (CWA)  
Matthew Smith / Field Technician (CWA)  
Steve Nelson / Field Technician (CWA)  
Martin Podrebarac, PLS / Field Technician (CWA)  
Jameson Hill / Field Technician (CWA)  
Benjamin Horrigan / Field Technician (CWA)

Randall Nick, PS / Data Submission to NGS (BFS)  
Gene K. Gosewehr, PS / Data Submission to NGS (BFS)





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Vice-President

### **Project Team Overview**

CWA has extensive field experience with Geodetic Leveling procedures, all field staff listed have a minimum 5 years geodetic leveling experience with the Illinois Height Modernization program. Keith Gregory, PLS of CWA will run all field operations. BFS staff have extensive experience in the Indiana Height Modernization Program, Randall Nick, PLS and Gene K. Gosewehr, PLS will formulate the data submission to NGS.

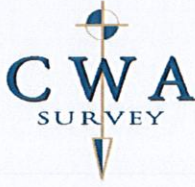
### **Equipment**

Leica DNA03 Digital Level  
Custom Thermistor  
2 Leica 3m Rods with Certification

### **Project Schedule**

- September 13, 2016  
-Notice to proceed
- September 19-23, 2016  
-Reconnaissance of Existing and Proposed Monuments.  
-Application to NGS for project L number and inclusion into the NGS Database.
- September 26-30, 2016  
-Coordination with Village for Final Proposed Monument Locations.  
-Stake Proposed Locations and schedule J.U.L.I.E. utility locates.
- October 3-7, 2016  
-Installation of New Control Monuments.
- October 10-14, 2016  
-Double occupation RTK GPS Observations will be performed for 10 on-site control monuments.  
-Control point sketches, ties and photographs performed.
- October 17-28, 2016  
-Perform 2<sup>nd</sup> order class 1 digital differential leveling as outlined by NGS for 10 on-site control monuments and 8 off-site control monuments.
- October 31-November 4, 2016  
-Perform traditional digital differential leveling for on-site existing hydrants and CCD monuments.





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Vice-President

- November 7-18, 2016
  - Post processing of all Leveling and GPS data.
  - Create project reports, spreadsheets & Control Point Diagrams/Maps.
- November 21-25, 2016
  - Final QAQC and review of all data.
  - Submission to NGS for inclusion into the NGS Database.
- Week of December 5, 2016
  - Submission of all final data to The Village of Oak Park.
- December 21, 2016
  - Project Completion Date.
- Final Date to be determined by NGS
  - Adjusted and published control datasheets and inclusion into NGS database.



# Village of Oak Park - Proposed Monuments

## Existing NGS Monuments

○ All items

## Existing VOP Monuments

○ All items

## Proposed NGS Monuments - Approx

○ All items

## Proposed VOP-NGS Monuments - Approx

○ All items

## Oak Park Boundary

○ OAK PARK

## Primary Level Run

○ All items

## Secondary Level Run

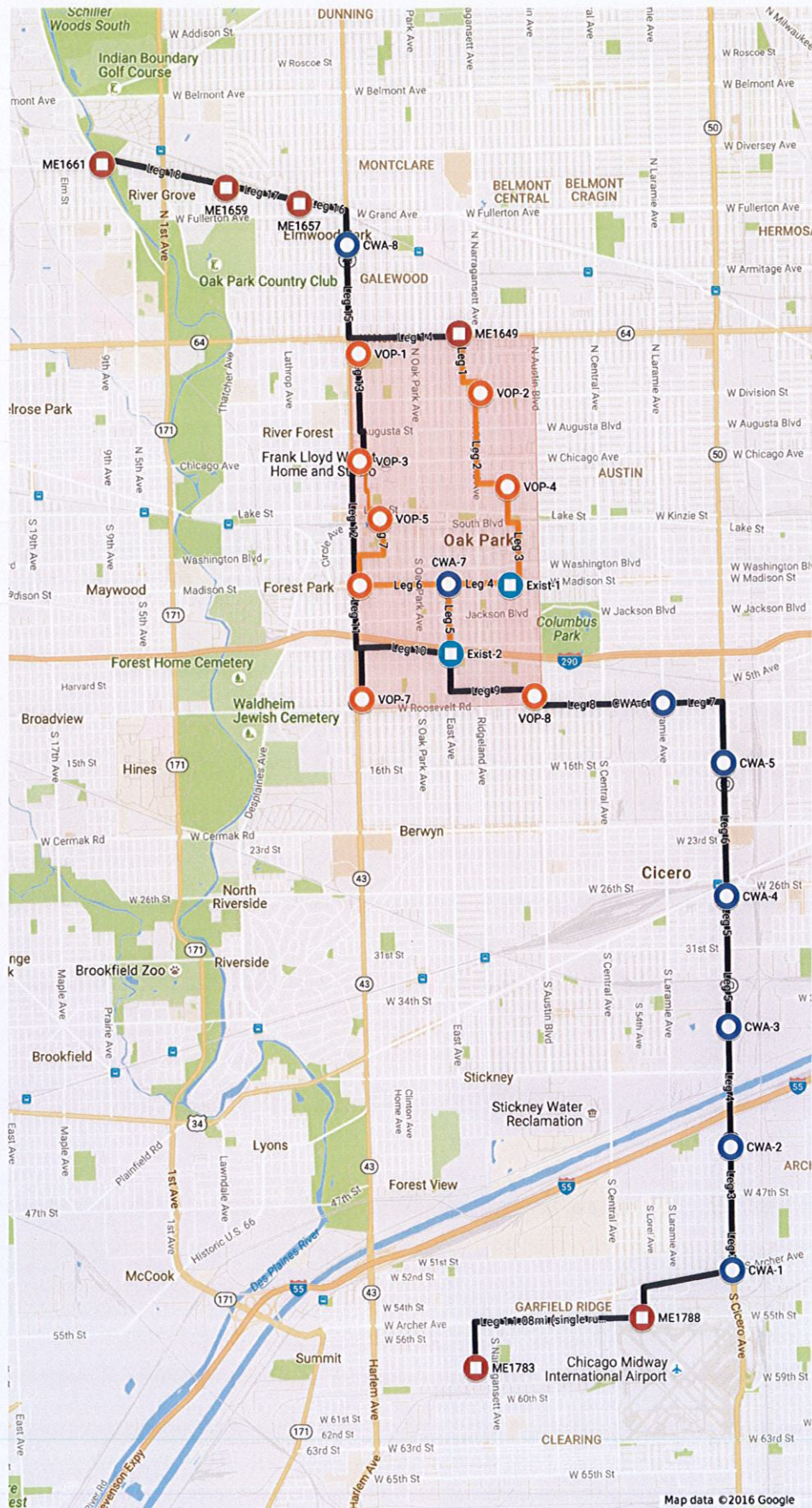
○ All items

## PRIMARY LEVEL RUN

LEG 1-1.1 MILE (SINGLE RUN)  
 LEG 2 -1 MILE (DOUBLE RUN)  
 LEG 3-1 MILE (DOUBLE RUN)  
 LEG 4-1 MILE (DOUBLE RUN)  
 LEG 5-1 MILE (DOUBLE RUN)  
 LEG 6-1 MILE (DOUBLE RUN)  
 LEG 7-1 MILE (DOUBLE RUN)  
 LEG 8-1.1 MILE (DOUBLE RUN)  
 LEG 9-1.1 MILE (DOUBLE RUN)  
 LEG 10-1.1 MILE (DOUBLE RUN)  
 LEG 11-1 MILE (DOUBLE RUN)  
 LEG 12-1 MILE (DOUBLE RUN)  
 LEG 13-1 MILE (DOUBLE RUN)  
 LEG 14-1 MILE (DOUBLE RUN)  
 LEG 15-0.8 MILE (DOUBLE RUN)  
 LEG 16-0.8 MILE (DOUBLE RUN)  
 LEG 17-0.6 MILE (SINGLE RUN)  
 LEG 18-1 MILE (SINGLE RUN)  
 TOTAL LINEAR MILES: 18  
 TOTAL LEVEL MILES: 33

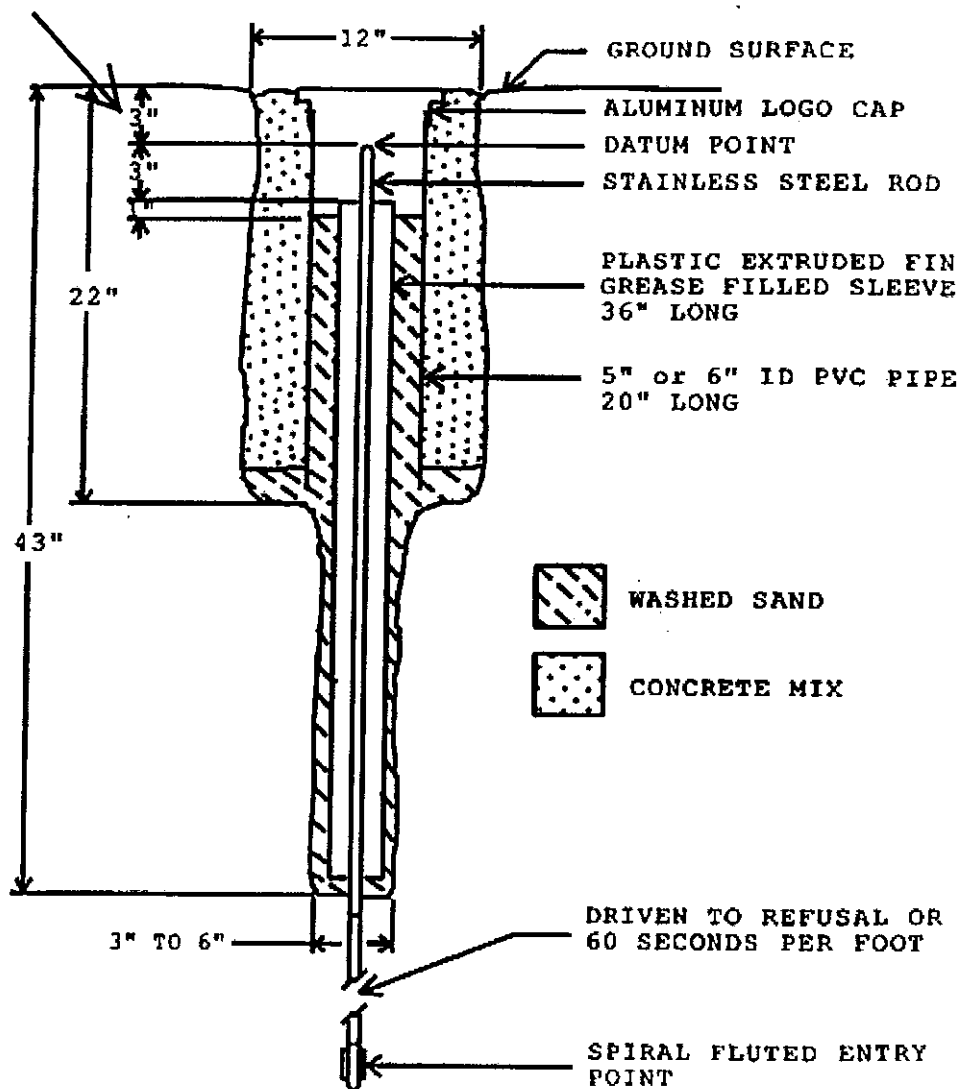
## SECONDARY LEVEL RUN

LEG 1-0.7 MILE (DOUBLE RUN)  
 LEG 2 -1 MILE (DOUBLE RUN)  
 LEG 3-0.8 MILE (DOUBLE RUN)  
 LEG 4-0.5 MILE (DOUBLE RUN)  
 LEG 5-0.6 MILE (DOUBLE RUN)  
 LEG 6-0.8 MILE (DOUBLE RUN)  
 LEG 7-0.7 MILE (DOUBLE RUN)  
 LEG 8-0.7 MILE (DOUBLE RUN)  
 TOTAL LINEAR MILES: 6  
 TOTAL LEVEL MILES: 12



Map data ©2016 Google





Schematic of the Revised NGS 3-D Rod Mark, Side View



### Section III. Compensation Estimate Schedule

Please complete all forms and submit the information requested on the following pages and submit three (3) hard copies of the compensation schedule along with the proposal. The Compensation schedule shall include the total price and signature below.

The undersigned proposes to perform the work as specified in Section II, "Scope of Services," of this call for proposals.

The consultant shall use Second Order Class I differential leveling method to establish vertical component and RTK-GPS for the horizontal component. The End to End project length is estimated at 18 miles.

NGS 2<sup>nd</sup> order Class I Bench Run 18 miles X \$ 2,200 rate = \$ 39,600<sup>00</sup>

Additional In-Village NGS  
2<sup>nd</sup> order Class I Bench Run 4 miles X \$ 2,200 rate = \$ 8,800<sup>00</sup>

TOTAL PRICE TO PERFORM ALL WORK AS DESCRIBED IN SECTION II \$ \$ 48,400<sup>00</sup>

Proposal Signature: David A. Claassen

State of ILLINOIS )

County of WILL )

DAVID A. CLAASSEN, VICE PRES./SECRETARY  
(Type Name of Signee)

being first duly sworn on oath deposes and says that the Vendor on the above Proposal is organized as indicated below and that all statements herein made on behalf of such Vendor and that their deponent is authorized to make them, and also deposes and says that deponent has examined and carefully prepared their proposal from the Contract.





## RESPONDENT CERTIFICATION

PROPOSAL SIGNATURE: David A. Claassen  
State of ILLINOIS  
County of WILL  
DAVID A. CLAASSEN  
TYPE NAME OF SIGNEE

being first duly sworn on oath deposes and says that the Respondent on the above proposal is organized as indicated below and that all statements herein made on behalf of such Respondent and that this deponent is authorized to make them, and also deposes and says that he has examined and carefully prepared their bid proposal from the Contract Exhibits and Specifications and has checked the same in detail before submitting this proposal or bid; that the statements contained herein are true and correct.

Signature of Respondent authorizes the Village of Oak Park to verify references of business and credit at its option.

Signature of Respondent shall also be acknowledged before a Notary Public or other person authorized by law to execute such acknowledgments.

Dated 8-17-16

CLAASSEN, WHITE & ASSOCIATES, P.C.

Organization Name

(Seal - If Corporation)

By David A. Claassen  
Authorized Signature

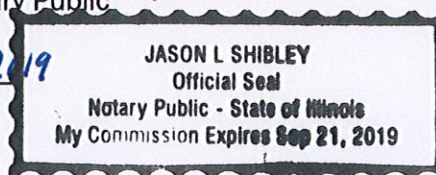
121 AIRPORT DRIVE, UNIT "I"  
Address JOIET, IL 60431

Telephone

Subscribed and sworn to before me this 17th day of August, 2016.

In the state of ILLINOIS, Notary Public Jason L. Shibley

My Commission Expires: September 21, 2019  
(Fill Out Applicable Paragraph Below)



(a) Corporation

The Respondent is a corporation, which operates under the legal name of CLAASSEN, WHITE & ASSOCIATES, P.C.  
and is organized and existing under the laws of the State of ILLINOIS.

The full names of its Officers are:

President RHONDA J. WHITE VICE PRES: DAVID A. CLAASSEN  
Secretary DAVID A. CLAASSEN



Treasurer RHONDA J. WHITE

The corporation does have a corporate seal. (In the event that this bid is executed by a person other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation which permits the person to execute the offer for the corporation.)

(b) Partnership

Name, signature, and addresses of all Partner

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The partnership does business under the legal name of \_\_\_\_\_ which name is registered with the office of \_\_\_\_\_ in the county of \_\_\_\_\_ in the state of \_\_\_\_\_.

(c) Sole Proprietor

The Respondent is a Sole Proprietor whose full name is \_\_\_\_\_.  
If the Respondent is operating under a trade name said trade name is \_\_\_\_\_ which name is registered with the office of \_\_\_\_\_ in the county of \_\_\_\_\_ in the state of \_\_\_\_\_.

Signed \_\_\_\_\_  
Sole Proprietor





Attachment I.

**RESPONDENT CERTIFICATION**

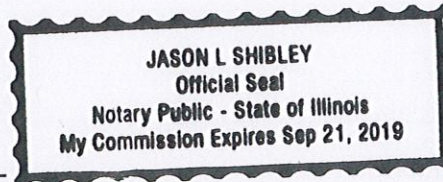
CLAASSEN, WHITE & ASSOCIATES, P.C., as part of its bid on a contract for  
(name of Respondent)

Professional Land Surveying Services for the Control Survey Project to the Village of Oak Park, hereby certifies that said Respondent is not barred from bidding on the aforementioned contract as a result of a violation to either Section 33E-3 or 33E-4 of Article 33E of Chapter 38 of the Illinois Revised Statutes or Section 2-6-12 of the Oak Park Village Code relating to "Bidding Requirements".

By: David A. Claassen, Vice Pres. /  
(Authorized Agent of Respondent) SECRETARY

Subscribed and sworn to  
before me this 17th day  
of August, 2016.

Jason Lee Shibley  
(Notary Public)







Attachment II.

TAX COMPLIANCE AFFIDAVIT

DAVID A. CLAASSEN, being first duly sworn, deposes  
and says:

that he/she is VICE PRESIDENT of  
(partner, officer, owner, etc.)

CLAASSEN, WHITE & ASSOCIATES, P.C.  
(bidder selected)

The individual or entity making the foregoing proposal or proposal certifies that he/she is not barred from entering into an agreement with the Village of Oak Park because of any delinquency in the payment of any tax administered by the Department of Revenue unless the individual or entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability for the tax or the amount of the tax. The individual or entity making the proposal or proposal understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition, voids the agreement and allows the municipality to recover all amounts paid to the individual or entity under the agreement in civil action.

David A. Claassen

By:

Its:

VICE PRESIDENT / SECRETARY

(name of bidder if the bidder is an individual)

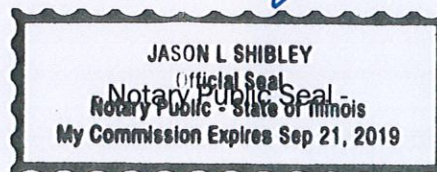
(name of partner if the bidder is a partnership)

(name of officer if the bidder is a corporation)

The above statement must be subscribed and sworn to before a notary public.

Subscribed and sworn to before me this 17th day of August, 2016.

Jason Lee Shibley  
Notary Public's Signature







**Attachment III.**

**ORGANIZATION OF BIDDING FIRM**

Please fill out the applicable section:

**A. Corporation:**

The Consultant is a corporation, legally named CLAASSEN, WHITE & ASSOCIATES, P.C. and is organized and existing in good standing under the laws of the State of ILLINOIS. The full names of its Officers are:

President RHONDA J. WHITE

Secretary DAVID A. CLAASSEN

Treasurer RHONDA J. WHITE

I AUTHORIZE DAVID A. CLAASSEN  
TO SIGN ANY FORMS FOR  
THIS BID. 8-17-2016  
Rhonda White, President

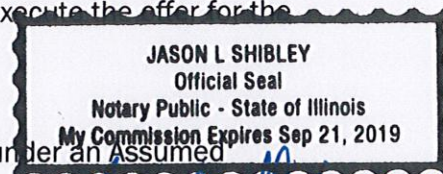
Registered Agent Name and Address: \_\_\_\_\_

The corporation has a corporate seal. (In the event that this Bid is executed by a person other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation that permits the person to execute the offer for the corporation.)

**B. Sole Proprietor:**

The Consultant is a Sole Proprietor. If the Consultant does business under an Assumed Name, the

Assumed Name is \_\_\_\_\_, which is registered with the Cook County Clerk. The Consultant is otherwise in compliance with the Assumed Business Name Act, 805 ILCS 405/0.01, et. seq.



**C. Partnership:**

The Consultant is a Partnership which operates under the name \_\_\_\_\_

The following are the names, addresses and signatures of all partners:

_____	_____
_____	_____
Signature	Signature

(Attach additional sheets if necessary.) If so, check here \_\_\_\_.

If the partnership does business under an assumed name, the assumed name must be registered with the Cook County Clerk and the partnership is otherwise in compliance with the Assumed Business Name Act, 805 ILCS 405/0.01, et. seq.



**D. Affiliates:** The name and address of any affiliated entity of the business, including a description of the affiliation: \_\_\_\_\_

\_\_\_\_\_  
Signature of Owner



**WRITTEN CONSENT  
OF THE SOLE DIRECTOR OF  
CLAASSEN AND ASSOCIATES, P.C.**

---

The undersigned, being the sole director of Claassen and Associates, P.C., an Illinois corporation, hereby consents, pursuant to Paragraph 8.45 of the Illinois Business Corporation Act, to the adoption of the following resolutions without a meeting:

**WHEREAS**, the Corporation, David A. Claassen ("Claassen") and Rhonda J. White ("White") entered into a Shareholder Agreement (the "Agreement") as of April 1, 2003; and

**WHEREAS**, the Agreement provides for the transfer and sale of 510 shares by Claassen to White, and the election of White as sole Director, as well as President and Treasurer, and Claassen as Vice President and Secretary; and

**WHEREAS**, Claassen has resigned from all positions in the Corporation to which White is to be elected; and

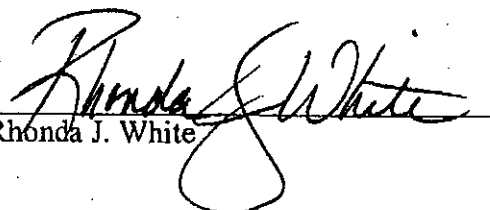
**WHEREAS**, White has determined that it is efficient and in the best interests of the Corporation for Catherine A. Claassen (who has been from time to time working as a bookkeeper for the Corporation) to continue to have the right to sign day to day checks, subject to the general supervision and control of White as Treasurer, when White is unavailable and therefore, White has decided to elect Catherine A. Claassen as Assistant Treasurer for that purpose,

**NOW, THEREFORE, IT IS HEREBY RESOLVED** that the following persons be, and the same hereby are, elected officers of this corporation, to serve in the capacities set forth opposite their names until the next election or until their successors shall have been duly elected and qualified:

Rhonda J. White	President and Treasurer
David A. Claassen	Vice President and Secretary
Michele S. Kurlander	Assistant Secretary
Catherine A. Claassen	Assistant Treasurer

**FURTHER RESOLVED**, that any acts taken, authorizations given, contracts executed, contributions made and other acts done by the director and officers of this corporation, for the benefit of this corporation, previous to the date of this consent, are hereby confirmed, ratified and approved.

**IN WITNESS WHEREOF**, the undersigned has hereunto set her hand as at this 5<sup>th</sup> day of May, 2003.

  
Rhonda J. White



**WRITTEN CONSENT  
OF THE SOLE DIRECTOR OF  
CLAASSEN AND ASSOCIATES, P.C.**

---

The undersigned, being the sole director of Claassen and Associates, P.C., an Illinois corporation, hereby consents, pursuant to Paragraph 8.45 of the Illinois Business Corporation Act, to the adoption of the following resolutions without a meeting:

**WHEREAS**, the Founders Bank ("Bank") has heretofore been the repository of the Corporation's funds and a lender of funds to the Corporation from time to time; and

**WHEREAS**, Rhonda J. White, President and sole Director of the Corporation has determined that the Bank shall continue to act in such capacities, and that a new Corporate Authorization Resolution must be executed and delivered to the Bank giving signature authority to the new officers of the Corporation as follows:

Rhonda J. White (President and Treasurer):

The right to exercise all powers, acting alone.

David A. Claassen (Vice President and Secretary):

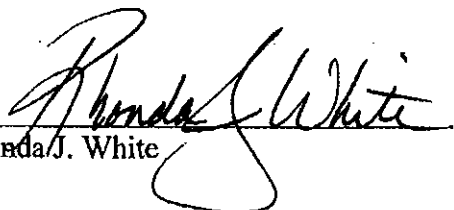
The right to exercise only the power to write checks and withdraw funds, but subject to the control of the Board of Directors and the President and Treasurer.

Catherine A. Claassen (Assistant Treasurer):

The right to exercise only the power to write checks and withdraw funds as necessary in her capacity as bookkeeper, but subject to the control of the Board of Directors and the President and Treasurer.

**FURTHER RESOLVED**, that the Officers of this Corporation are directed to execute the form of Corporate Authorization Resolution of the Bank as attached hereto, and hereby adopt that Resolution, in haec verba.

**IN WITNESS WHEREOF**, the undersigned has hereunto set her hand as at this 19<sup>th</sup> day of May, 2003.

  
Rhonda J. White





Attachment IV.

**Compliance Affidavit**

I, DAVID A. CLAASSEN being first duly sworn on oath depose and state as follows:  
(Print Name)

1. I am the (title) VICE PRESIDENT / SECRETARY of the Proposing Firm ("Firm") and am authorized to make the statements contained in this affidavit on behalf of the Firm.
2. The Firm is organized as indicated on Exhibit A to this Affidavit, entitled "Organization of Proposing Firm," which Exhibit is incorporated into this Affidavit as if fully set forth herein.
3. I have examined and carefully prepared this proposal based on the Request for Proposals and verified the facts contained in the proposal in detail before submitting it.
4. I authorize the Village of Oak Park to verify the Firm's business references and credit at its option.
5. Neither the Firm nor its affiliates<sup>1</sup> are barred from proposing on this project as a result of a violation of 720 ILCS 5/33E-3 or 33E-4 relating to bid rigging and bid rotating, or Section 2-6-12 of the Oak Park Village Code related to "Proposing Requirements".
6. The Proposing Firm has the M/W/DBE status indicated below on the form entitled "EEO Report."
7. Neither the Firm nor its affiliates is barred from agreement with the Village of Oak Park because of any delinquency in the payment of any debt or tax owed to the Village except for those taxes which the Firm is contesting, in accordance with the procedures established by the appropriate revenue act, liability for the tax or the amount of the tax. I understand that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition, voids the agreement and allows the Village of Oak Park to recover all amounts paid to the Firm under the agreement in a civil action.
8. I am familiar with Section 13-3-2 through 13-3-4 of the Oak Park Village Code relating to Fair Employment Practices and understand the contents thereof; and state that the Proposing Firm is an "Equal Opportunity Employer" as defined by Section 2000(E) of Chapter 21, Title 42 of the United States Code Annotated and Federal Executive Orders #11246 and #11375 which are incorporated herein by reference. **Also complete the attached EEO Report or Submit an EEO-1.**
9. I certify that the Consultant is in compliance with the Drug Free Workplace Act, 41 U.S.C.A, 702.

<sup>1</sup> Affiliates means: (i) any subsidiary or parent of the bidding or contracting business entity, (ii) any member of the same unitary business group; (iii) any person with any ownership interest or distributive share of the bidding or contracting business entity in excess of 7.5%; (iv) any entity owned or controlled by an executive employee, his or her spouse or minor children of the bidding or contracting business entity.



Signature: David A. Claassen

Printed Name: DAVID A. CLAASSEN

Name of Business: CLAASSEN, WHITE &  
ASSOCIATES, P.C.

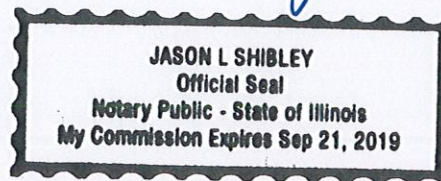
Your Title: VICE PRES. / SECRETARY

Business Address: 121 AIRPORT DRIVE, UNIT F, JOLIET, IL 60431  
(Number, Street, Suite #) (City, State & Zip)

Telephone: 815-744-3720 Fax: 815-744-3752 Web Address: DAVE@CWA SURVEY.COM

Subscribed to and sworn before me this 17th day of August, 2016.

Jason L Shibley  
Notary Public





M/W/DBE STATUS AND EEO REPORT

1. Consultant Name: CLAASSEN, WHITE & ASSOCIATES, P.C.

2. Check here if your firm is:

- ☐ Minority Business Enterprise (MBE) (A firm that is at least 51% owned, managed and controlled by a Minority.)
- ☒ Women's Business Enterprise (WBE) (A firm that is at least 51% owned,

Failure to respond truthfully to any questions on this form, failure to complete the form or failure to cooperate fully with further inquiry by the Village of Oak Park will result in disqualification of this Bid. For assistance in completing this form, contact the Department of Public Works at 708-358-5700.

- ☐ managed and controlled by a Woman.)
- ☐ Owned by a person with a disability (DBE) (A firm that is at least 51% owned by a person with a disability)
- ☐ None of the above

[Submit copies of any W/W/DBE certifications]

3. What is the size of the firm's current stable work force?

12 Number of full-time employees

2 Number of part-time employees

4. Similar information will be requested of all subConsultants working on this agreement. Forms will be furnished to the lowest responsible Consultant with the notice of agreement award, and these forms must be completed and submitted to the Village before the execution of the agreement by the Village.

Signature: David A. Claassen, VICE PRESIDENT, SECRETARY

Date: 8-17-16



# EEO REPORT

Please fill out this form completely. Failure to respond truthfully to any questions on this form, or failure to cooperate fully with further inquiry by the Village of Oak Park will result in disqualification of this proposal. An incomplete form will disqualify your proposal. For assistance in completing this form, contact the Purchasing Department at 708-358-5473.

An EEO-1 Report may be submitted in lieu of this report

Consultant Name CLAASSEN WHITE & ASSOCIATES, P.C.  
Total Employees 14

Job Categories	Total Employees	Total Males	Total Females	Males					Females			Total Minorities
				Black	Hispanic	American Indian & Alaskan Native	Asian & Pacific Islander	Black	Hispanic	American Indian & Alaskan Native	Asian & Pacific Islander	
Officials & Managers	1		1									
Professionals	2	2										
Technicians	10	9	1									
Sales Workers												
Office & Clerical	1		1									
Semi-Skilled												
Laborers												
Service Workers												
TOTAL												
Management Trainees												
Apprentices												

This completed and notarized report must accompany your Proposal. It should be attached to your Affidavit of Compliance. Failure to include it with your Proposal will be disqualify you from consideration.

DAVID A. CLAASSEN being first duly sworn, deposes and says that he/she is the Vice President & Secretary of CLAASSEN WHITE & ASSOCIATES, P.C. and that the above EEO Report information is true and accurate and is submitted with the intent that it be relied upon. Subscribed and sworn to before me this 17<sup>th</sup> day of August, 2016.

(Signature) James J. Shibley (Date) 9/11/16  
Notary Public - State of Illinois  
My Commission Expires Sep 21, 2019





## **Claassen, White & Associates, P.C.**

LAND SURVEYORS

121 Airport Drive, Unit I, Joliet, Illinois 60431

(815) 744-3720 office (815) 744-3752 fax

[claassenwhite@cwasurevey.com](mailto:claassenwhite@cwasurevey.com)

DBE, WBE & FBE certified

IDOT prequalified in Special Services (Surveying)

RHONDA J. WHITE, PLS  
President

DAVID A. CLAASSEN, PLS  
Vice-President

### **Firm Overview**

Claassen, White & Associates, P.C. has a history of 45 years of quality service and has licensure as a Professional Design Firm with the State of Illinois. We also have our DBE Certification (thru IDOT/IL UCP) & WBE Certification (thru City of Chicago) and are prequalified with IDOT in Land Surveys and Route Surveys. We provide all phases of land surveying services throughout the State of Illinois.

David A. Claassen, PLS and Rhonda J. White, PLS have over 35 years of experience in land surveying in areas of the public and private sectors that includes public transportation, route surveys and land surveys, geodetic control, land acquisition, boundary, highway and railroad rights of ways, bridge surveys (highways and railroads), airports, easements, utilities, control monumentation, construction staking, boundary locations, section restoration, ALTA/ACSM Land Title surveys, subdivisions, topography and utilities. We have four Licensed Professional Land Surveyors with a total staff of twelve, having capabilities to run five field crews and fulfill all technical aspects. More staff will be hired when necessary.

We have extensive experience in large scale projects in which Horizontal and Vertical Control surveys are accomplished by utilizing the latest Trimble GPS wireless equipment integrating with MicroStation V8i/Geopack and PowerCivil V8i for final deliverables. We also utilize AutoCad Civil 3D 2015. For more complex bridges and inaccessible projects, High Definition Laser Scanning has been used. Excellent Quality Assurance/Quality Control reputation has been one of our largest assets throughout our experience.

#### **KEY STAFF** for projects is as follows:

David A. Claassen, PLS – Project Manager  
Keith A. Gregory, PLS – Project Surveyor  
Rhonda J. White, PLS – QA/QC Officer





## **Claassen, White & Associates, P.C.**

LAND SURVEYORS

121 Airport Drive, Unit I, Joliet, Illinois 60431

(815) 744-3720 office (815) 744-3752 fax

[claassenwhite@cwasurevey.com](mailto:claassenwhite@cwasurevey.com)

**David A. Claassen, PLS**

**Vice President, Principal, Project Manager**

### **EDUCATION**

Joliet Junior College ~ Joliet Central High School

### **PROFESSIONAL REGISTRATION**

Illinois Land Surveyor No. 035-002962 (1991) ~ Wisconsin Land Surveyor No. 2149 (1993)

### **PROFESSIONAL AFFILIATIONS**

IPLSA - Illinois Professional Land Surveyors Association ~ NSPS - National Society of Professional Surveyors

ACEC - American Council of Engineering Companies of Illinois

Illinois GIS Association ~ Joliet Chamber of Commerce

Mr. Claassen has more than 35 years of experience in land surveying in the private and public sectors. His experience is in the preparation of ALTA/ACSM Land Title Surveys, Legal Descriptions, Plats of Subdivision, Plats of Survey, Plats of Dedications and Easements, Topographic Surveys, Plats of Highway and the restoration of Public Land Survey corners. As the firm's Project Manager, his responsibilities include client contact, contract administration, estimating, scheduling, computations, preparation of information for the field and assisting in the preparation of survey documents. Clients include governmental and municipal agencies, transportation agencies, private property owners, attorneys, private contractors and developers. Dave is also very experienced in FEMA modifications, Right of Way determination, construction staking and control surveys utilizing Trimble Global Positioning System (GPS) technology.

Mr. Claassen has extensive experience in Geodetic Control Surveys, and has the following training.

- Completed 14 Illinois PDH continuing education credits in Precision Leveling / Geodetic Leveling Field Procedures and 7 Illinois PDH continuing education credits in Precision Leveling / Planning, Reconnaissance and Monumentation, presented by Curtis L. Smith, NGS Advisor at Northern Illinois University, November 2009.
- Completed NOAA's National Geodetic Survey for OPUS Project Manager's Training, 12 hours webinar April 7-8, 2016, Trainer Dennis Riordan, Gulf Coast Regional Geodetic Advisor.

### **PROJECT EXPERIENCE as Project Manager:**

#### **Illinois Department of Transportation**

#### **Bureau of Programming**

#### **PTB 164-009 WO#10**

#### **Replacement of NGS Monument TAI 08 / PID DK7215 (completed March 2016)**

Consultant to install and replace NGS Monument TAI 08 PID DK7215 (deep driven rod style with vault) and 4 miles of Geodetic Leveling. Single level run from existing NGS STC 09 to existing NGS KAN31 2B, single level run from existing NGS KAN31 2B to existing NGS TAI 08, double level run from existing NGS TAI 08 to new proposed TAI 08 (reset).

Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact - Richard R. Kanthaphixay, PLS, Survey Unit Head (847) 705-4340



**Illinois Department of Transportation  
Bureau of Programming  
PTB 164-009 WO#3**

**Replacement of NGS Monument MC14 1A PID AJ2906 (completed March 2014)**

Consultant to install and replace NGS Monument MC14 1A PID AJ2906 (deep driven rod style with vault) and 4 miles of Geodetic Leveling. Included Static GPS observations using 3 CORS stations and two vertical control monuments for three, five hour sessions.

Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling and GPS data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Richard R. Kanthaphixay, PLS, Survey Unit Head (847) 705-4340

**Illinois Height Modernization Program – Year 5 – Line 5 (U13013) (start date 05-06-2013)**

**Crawford, Murphy & Tilly, Inc./University of Illinois**

Sub Consultant to perform installation of 60 new monuments (deep driven rod style with vaults) and 97 miles of Geodetic Leveling passing through 69 existing monuments as part of this contract. The level circuit consists of a double run level line starting at the newly constructed NGS monument KRI 111, located at the intersection of County Highway A and State Highway 92 southeast of the City of Muscatine, Iowa. The project ran north for 97 miles consisting of three separate legs, with the final leg concluding on NGS monument GJ606 (PID NJ0176) located at the U.S. post office in the City of Savanna, Illinois. New monuments were set along the 97 mile level route, spaced no more than 3 Kilometers apart. Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Crawford, Murphy & Tilly, Inc./Michael J. Doerfler (217) 787-8050

**Illinois Height Modernization Program**

**Trotter and Associates, Inc./University of Illinois**

Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

**Year 4 – Line 3 (U12079)** performed installation of 129 new monuments (deep driven rod style with vaults) and 156.2 miles of Geodetic Leveling passing through 50 existing monuments as part of this contract. The level circuit consisted of a double run level line starting at the NGS monument PARIS (PID KA 1501) located on W. Court Street in the city of Paris, Illinois. The project ran south for 156.2 miles consisting of four separate legs, with the final leg concluding on NGS monument L254 (PID JB0276) located southwest of the town of Grayville, Illinois.

**Year 3 – Line 3 (U11038)** performed installation of 21 new monuments (deep driven rod style with vaults) and 35 miles of Geodetic Leveling. The level circuit consisted of a double run level line starting at the NGS monument P 206 (PID ME 1553) north of the town of Manteno. The project ran south for 35 miles concluding on NGS monument Clifton 2 RM 1 (PID LB 1998) located in Clifton, Illinois.

**Year 2 – Line 3 (U10075)** performed installation of 23 new monuments (deep driven rod style with vaults) and 46 miles of Geodetic Leveling. The level route started approximately at the Town of Hebron, Illinois, went in a westerly direction across Northern Illinois and ended approximately at the Town of Clinton, Wisconsin.





**Illinois Professional Land Surveyors Association**  
521 East Washington Street, Springfield, Illinois 62701

## **Certificate of Completion**

**David A. Claassen**

Has completed:

**Precision Leveling**  
**Geodetic Leveling Field Procedures**

**14 Illinois PDH as approved by I.P.L.S.A**

Presented by:

**Curtis L. Smith**

at  
Northern Illinois University, Rockford, Illinois, November 12 & 13, 2009

  
Larry Sonberg, I.P.L.S.A. Winnebago Chapter President





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**Keith A. Gregory, PLS**

**Director of Field Operations/Project Surveyor**

### **EDUCATION**

Southern Illinois University (2004)

Joliet Junior College (2002)

Joliet Central High School

### **PROFESSIONAL REGISTRATION**

Illinois Land Surveyor No. 035-003759 (2009)

### **PROFESSIONAL AFFILIATIONS**

IPLSA - Illinois Professional Land Surveyors Association

Joliet Chamber of Commerce

Mr. Gregory has been engaged and skilled in all aspects of land surveying for over 20 years, of which 12 years has been in a supervisory position. As the firm's Project Surveyor and Field Supervisor, Keith is well versed in both the field and office aspects of surveying and is proficient in the use of conventional, G.P.S. and robotic total station survey technology, digital levels, high definition scanning and a variety of CAD and COGO software packages. Responsibilities include client contact, field staff scheduling, estimating, research, computations and preparation of survey documents which includes ALTA/ACSM Plats of Survey, Right of Way Plans, Plats of Highway, Plats of Subdivision, Plats of Dedication and Annexation, Topographic Surveys and FEMA Elevation Certificates.

### **PROJECT EXPERIENCE as Project Surveyor:**

Mr. Gregory has extensive experience in Geodetic Control Surveys, and has the following training.

- Completed 24 hours of Geodetic Digital Leveling Class from NOAA's National Geodetic Survey at NOAA's Training Center, Woodford VA, March 19-21, 2013.
- Completed NOAA's National Geodetic Survey for OPUS Project Manager's Training, 12 hours webinar April 7-8, 2016, Trainer Dennis Riordan, Gulf Coast Regional Geodetic Advisor.

### **Illinois Department of Transportation**

#### **Bureau of Programming**

**PTB 164-009 WO#10**

#### **Replacement of NGS Monument TAI 08 / PID DK7215 (completed March 2016)**

Consultant to install and replace NGS Monument TAI 08 PID DK7215 (deep driven rod style with vault) and 4 miles of Geodetic Leveling. Single level run from existing NGS STC 09 to existing NGS KAN31 2B, single level run from existing NGS KAN31 2B to existing NGS TAI 08, double level run from existing NGS TAI 08 to new proposed TAI 08 (reset).

Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Richard R. Kanthaphixay, PLS, Survey Unit Head (847) 705-4340



**Illinois Department of Transportation  
Bureau of Programming  
PTB 164-009 WO#3**

**Replacement of NGS Monument MC14 1A PID AJ2906 (completed March 2014)**

Consultant to install and replace NGS Monument MC14 1A PID AJ2906 (deep driven rod style with vault) and 4 miles of Geodetic Leveling. Included Static GPS observations using 3 CORS stations and two vertical control monuments for three, five hour sessions.

Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling and GPS data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Richard R. Kanthaphixay, PLS, Survey Unit Head (847) 705-4340

**Illinois Height Modernization Program – Year 5 – Line 5 (U13013) (start date 05-06-2013)**

**Crawford, Murphy & Tilly, Inc./University of Illinois**

Sub Consultant to perform installation of 60 new monuments (deep driven rod style with vaults) and 97 miles of Geodetic Leveling passing through 69 existing monuments as part of this contract. The level circuit consists of a double run level line starting at the newly constructed NGS monument KRI 111, located at the intersection of County Highway A and State Highway 92 southeast of the City of Muscatine, Iowa. The project ran north for 97 miles consisting of three separate legs, with the final leg concluding on NGS monument GJ606 (PID NJ0176) located at the U.S. post office in the City of Savanna, Illinois. New monuments were set along the 97 mile level route, spaced no more than 3 Kilometers apart. Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Crawford, Murphy & Tilly, Inc./Michael J. Doerfler (217) 787-8050

**Illinois Height Modernization Program – Year 4 – Line 3 (U12079) (completed 07-2012)**

**Trotter and Associates, Inc./University of Illinois**

Sub Consultant performed installation of 129 new monuments (deep driven rod style with vaults) and 156.2 miles of Geodetic Leveling passing through 50 existing monuments as part of this contract. The level circuit consisted of a double run level line starting at the NGS monument PARIS (PID KA 1501) located on W. Court Street in the city of Paris, Illinois. The project ran south for 156.2 miles consisting of four separate legs, with the final leg concluding on NGS monument L254 (PID JB0276) located southwest of the town of Grayville, Illinois. New monuments were set along the 156.2 mile level route, spaced no more than 3 Kilometers apart. Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Trotter and Associates, Inc./James M. McKenzie (630) 587-0470

**Illinois Height Modernization Program – Year 3 – Line 3 (U11038) (completed 8-2011)**

**Trotter and Associates, Inc./University of Illinois**

Sub Consultant performed installation of 21 new monuments (deep driven rod style with vaults) and 35 miles of Geodetic Leveling. The level circuit consisted of a double run level line starting at the NGS monument P 206 (PID ME 1553) north of the town of Manteno. The project ran south for 35 miles concluding on NGS monument Clifton 2 RM 1 (PID LB 1998) located in Clifton, Illinois. New monuments were set along the 35 mile level route, spaced approximately 3 Kilometers apart. Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Trotter and Associates, Inc./James M. McKenzie (630) 587-0470

**Illinois Height Modernization Program – Year 2 – Line 3 (U10075) (completed 10-2010, \$25,690.83)**

**Trotter and Associates, Inc./University of Illinois**

Sub Consultant performed installation of 23 new monuments (deep driven rod style with vaults) and 46 miles of Geodetic Leveling. The level route started approximately at the Town of Hebron, Illinois, went in a westerly direction across Northern Illinois and ended approximately at the Town of Clinton, Wisconsin. Leveling was done using a Leica DNA03 Digital Level along with 2 Leica 3m Invar Rods with Certification. All Geodetic Leveling data was electronically submitted to NGS for inclusion in the National Spatial Reference System (NSRS) data base.

Contact – Trotter and Associates, Inc./James M. McKenzie (630) 587-0470






NOAA's National  
Geodetic Survey  
*Presents this*  
Certificate of Completion

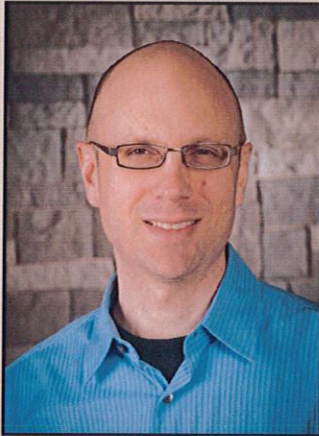
To  
**Keith Gregory**

for successfully completing the  
***Geodetic Digital Leveling Class***  
*(24 hours)*  
March 19-21, 2013

  
*Instructors: Charles Geoghegan, Malcolm Archer-Shee*



**Randall Nick, PS**  
PROJECT MANAGER



#### EDUCATION

Course Work in Land Surveying, Purdue University

#### PROFESSIONAL REGISTRATION

Registered Land Surveyor  
- Indiana No. LS20900163  
- Colorado No. 37069  
- Kentucky No. 3598

#### CERTIFICATIONS, PARTICIPATION AND TRAINING

Member, Indiana Society of Professional Land Surveyors

ESRI – ArcView (GIS) 2010 – Level 2 Certified

120 hours of Certified GPS training

Certified, INDOT R/W Plan Preparation

#### Overview

Randall has over 22 years of experience and is the Lafayette Survey Department Manager. He is responsible for the supervision of boundary surveys, ALTA/ACSM Land Title Surveys, topographic surveys, construction layout, GIS data collection and data management, preparation of legal descriptions, subdivision platting, route surveys, right-of-way engineering and flood elevation certificates. Randall directed the first Indiana Height Modernization project in 2015. He has over 20 years supervising field work and office work and coordinating with the design team for accurate survey information.

#### Relevant Project Experience

Indiana Height Modernization, Phase 1 (2015) and Phase 2 (2016). Project Manager for Indiana's first 2 Height Modernization projects, covering approximately 1/3 of the State of Indiana. Responsibilities included all levels of project planning, the coordination of 3 agencies and supervision of 13 crews, staff training, and all levels of data management and processing. These 2 project phases introduce 20 new GPS-Observable monuments into the NGSIDB, and establish positions and Ellipsoid Heights on more than 30 benchmarks.

Phases 2 & 3 of Sagamore Parkway, Lafayette, Indiana. Project Manager for topographic survey, route survey and Right-of-way Engineering for 6 mile reconstruction project, including more than 25 parcels.

Purdue / West Lafayette ReState Street Project, West Lafayette, Indiana. Supervised right-of-way engineering design for 2 miles of the roadway widening and realignment project, including more than 25 parcels.

Maple Point Drive Extension, Lafayette, Indiana. Project Manager for topographic survey, route survey and Right-of-way Engineering for road extension and reconstruction project, including 8 parcels.

Benton County Wind Farm, Benton County, Indiana. Supervised construction layout for a wind turbine generator project. Project included 82 wind turbine generators and over 200,000 linear feet of electrical collector system and over 100,000 linear feet of access roads.

Clarian Arnett Medical Center, Lafayette, Indiana. Supervised construction layout for new 35 acre medical center, including parking and drive areas, utility layout, and site grading.



**Gene K. Gosewehr, PS**GEOMETRIC CONTROL  
SURVEYOR**EDUCATION**BS Land Surveying and Geomatics  
Engineering – Purdue University**PROFESSIONAL REGISTRATION**Registered Land Surveyor  
– Indiana 21000232**CERTIFICATIONS, PARTICIPATION AND  
TRAINING**Indiana Society of Professional Land  
Surveyors

Certified, INDOT R/W Plan Preparation

**Overview**

Gene with over 12 years of survey and right-of-way experience, is proficient in field and office processes, working in both areas as necessary. His field efforts have included extensive topographic surveys for road, bridge, trail, utility, and airport development. His field efforts have involved Section Corner recovery for Location Control Route Survey Plats throughout Indiana. He has the professional expertise to bring that field information in house to complete right-of-way engineering. Gene has been involved in projects ranging from small road and bridge projects to complex design with extensive utility and drainage components.

**Relevant Project Experience**

**Indiana Height Modernization, Phase 1 (2015).** Assisted with file preparation for Indiana's first Height Modernization project, including WinDesc descriptions for 64 monuments and TransLev files for 13 independent level runs.

**Crew Member for Right of Way and Soil Boring Staking for Louisville-Indiana Ohio River Bridges Project** Des. No. 0300798 Completed Spring 2012.

**US 150 – Orange County, Indiana.** Right-of-way Engineering for INDOT on U.S. 150 in Orange County including approximately 30 parcels over a portion of the 5.5 mile project, including coordinating the staking of the proposed right of way.

**SR 16 – Cass and Miami County, Indiana.** GPS control adjustment, public land system corner location and route survey plat preparation on a 5-mile stretch of S.R. 16 in Cass and Miami Counties between Twelve Mile, IN and U.S. 31.

**Adams Street – Bluffton, Indiana.** Right-of-way Engineering for the City of Bluffton on Adams Street in Wells County including approximately 20 parcels over 2 miles.

**Township Line Road – Plainfield, Indiana.** Right-of-way Engineering and right-of-way stakeout for The Town of Plainfield on Township Line Road in Hendricks County including approximately 35 parcels over 1 mile.

**Fountain County Bridge No. 97.** Field data collection for the replacement and preservation of historic Fountain County Bridge No. 97.