HOOSIER SURVEYOR

QUARTERLY PUBLICATION OF THE INDIANA SOCIETY OF PROFESSIONAL LAND SURVEYORS, INC.

AFFILIATED WITH THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS

VOLUME 39 • NUMBER 4 • SPRING 2013







NSPS CERTIFICATE OF APPRECIATION

Don Bengel, NSPS Governor for Indiana, receives a Certificate of Appreciation from Robert Dahn, immediate Past-President of NSPS, during the NSPS Spring Meetings in recognition of the support demonstrated by ISPLS members and leadership in agreeing to enter into a Memorandum of Understanding with NSPS to establish the 100% Joint State/National Membership Program.

2013 OFFICERS & DIRECTORS

Chuck Coyle - President

Columbus, IN

Office: 812-372-8441

E-Mail: ccoyle@forceco.com

Bernie Guerrettaz - Vice President

Bloomington, IN Office: 812-336-8277

E-Mail: bernie@brgcivil.com

Rich Hudson - Secretary

Valparaiso, IN

Office: 219-462-1158

E-Mail: rickandcal@comcast.net

Dennis Grumpp - Treasurer

New Palestine, IN Office: 317-826-7100

E-Mail: dgrumpp@schneidercorp.com

Don West - President-Elect

Carmel, IN

Office: 317-522-2485

E-Mail: dwest@usiconsultants.com

Gary Kent - Past-President

Noblesville, IN

Office: 317-826-7100

E-Mail: gkent@scheidercorp.com

TERM EXPIRES JAN 2014

Eric Banschbach

Indianapolis IN

Office: 317-610-7251

E-mail: ebanschbach@indot.in.gov

Perry Cloyd

Hope, IN

Cell: 812-350-6456

E-Mail: pcloyd@vectren.com

Gary Kent - President

Kevin Rowland

Vincennes, IN

Office: 812-886-4254

E-Mail: krowland@srasurveying.com

TERM EXPIRES JAN 2015

Chuck Coyle - President

Bernie Guerrettaz - Vice President

Ryan Swingley

Fortville, IN

Office: 317-545-7090

E-Mail: rswingley@seilerinst.com

Don Williams

Crown Point, IN Office: 219-764-4700 E-Mail: drwilliams@dlz.com

TERM EXPIRES JAN 2016

Dennis Grumpp - Treasurer

Rich Hudson - Secretary

Sean L. Suttles

Chandler, IN

Office: 812-479-6200 E-Mail: SSuttles@blainc.com

Don West - President-Elect

COMMITTEE ASSIGNMENTS

PROF. DEVELOPMENT GOVERNMENT AFFAIRS

Administrator: Chuck Coyle, Jr.

EDUCATION

Chair: Brad Cramer Robert Jason Coyle Carol Morman Bruce A. Franke Keith B. Van Wienen Randolph L. Compton Loralee A. Taylor Keith N. Hood Perry D. Cloyd William M. Stine William L. Clark Doug Herendeen Bryan F. Catlin Norman H. Hiselman

Charles D. Graham Christopher Michael Siebern Robert Weaver

Joseph Peters Aaron T. Fateley Clem Kuns James Francisco Keith Hood Chuck Coyle, Jr.

Matthew Badger **SCHOLARSHIPS**

Chair: Kevin Rowland Mark A. Schepers Paul Lee Bender Edward L. Clancy Brian K. Rayl Luke A. Jahn Jason D. Deckard Phillip L. Burress Frank F. Ballintyn Jason Main James Michael Cozart Bernard A Guerrettaz Robert Jason Covle Chuck Coyle, Jr.

Administrator: Dan Kovert

BOARD OF REGISTRATION LIAISON

Robert Jason Coyle

COUNTY SURVEYORS

Michael Stevenson - Liaison

GOVERNOR GREAT LAKES COUNCIL

Don Bengel - Governor Tony Gregory - Alternate

GPS-GIS MONUMENTATION

Chair: Ryan Swingley Perry D. Cloyd David Lauer Kevin D. Breitzke Keith B. Van Wienen Wayne Sheets Boudewiin H.W. Van Gelder Dan I. Pusey

William M. Stine Skyler Alan Potts Paul K. Maurer Zachariah E. Beasley Robert Marucci

Joe Mullins **LEGISLATION**

Chair: Dan Kovert Robert Jason Coyle Philip D. Beer, II Dave Gaston Kevin D. Breitzke Jay D. Poe Frank Ballintyn Michael P. Duffy, Jr. Wayne Sheets Bruce A. Franke Michael W. Stevenson David N. Ayala Robert Marucci Allan Frisinger Lawrence D. Deckard Brian Nelson Clem Kuns Rodney Kelly

Aaron T. Fateley

Richard Durham

INTERNAL AFFAIRS

Administrator: Garv Kent

BY LAWS

Chair: Don Bengel Richard L. Hudson Robert W. Gross Ronald E. Wharry William M. Stine Edward J. Sweetland Chuck Coyle, Jr. James R Francisco Clem Kuns Robert Jason Coyle Aaron T. Fateley

Jason Main

FINANCE & PLANNING Dennis Grumpp - Chair Chuck Coyle, Jr. Gary Kent Don West Robert Jason Coyle

NOMINATIONS

Mark Gardner - Chair Don Bengel **Robert Gross** Dan Pusey Brent Smith Kevin Sumner

PAST PRESIDENT'S COUNCIL

Chair: Chuck Coyle, Jr. Open to Past Presidents

YOUNG PROFESSIONALS

Chair: Zach Beasley Ryan Swingley Dan Blann Jonathan Isaacs Clem Kuns Harold Hart Ross Frank Kevin Sumner Matt Badger Matt Healy Nathan Grav Derek Fuller Calvin Cash Clayton T. Baylor Daniel S. Blann Aaron Carl Bernard Guerrettaz Matthew Healy Scott Hubert Luke Jahn Rodney Kelly Jason Main Christopher Siebern

Rudy Vugteveen Donald Williams

COMMUNICATIONS

Administrator: Don West

PUBLICATIONS & MEDIA

Chair: Michael J. Davis Robert Jason Coyle Kevin Sumner Charles D. Graham Aaron Fateley Clem Kuns James Campbell

MEMBERSHIP

Chair: Ronald Wharry Richard P. McPhail Joseph Hess Matthew Badger Andrew Robert Barkocy Jeffrey S. Barnes Josh O. Betz James A Butcher Alexander A Fabian Aaron T. Fateley Gary Fox James Francisco Jason Fuchs Robert Hathaway Joe Hess

PUBLIC INFORMATION & MARKETING

Chair: Don West Mark A. Schepers Richard L. Hudson Robert Jason Coyle Norman H. Hiselman Orwic A. Johnson Nathan Althouse Chad Brown Rodney Kelly

TRIG STAR

Tony Gregory – State Coordinator Keith VanWienen Fric N Banschbach Bernard A Guerrettaz Clem Kuns Jason Main Rudy Vugteveen



L to R: Sean Suttles, Chandler; Eric Banschbach, Indianapolis; Don Williams, Crown Point; Bernie Guerrettaz, Bloomington; Gary Kent, Noblesville; Rich Hudson, Valparaiso; Ryan Swingley, Fortville; Don West, Carmel; Perry Cloyd, Hope; Chuck Coyle, Columbus; Kevin Rowland, Carlisle; and Dennis Grumpp, New Palestine. Photo provided by Henry Aldridge, Photographic Impressions

HOOSIER SURVEYOR

VOLUME 39 • NUMBER 4 • SPRING 2013

CONTENTS

Masthead	3
President's Message	4
ISPLS Board of Directors Meeting Highlights	5-11
Board of Registration for Land Surveyors Meeting Highlights	12-14
ISPLS - NSPS Governor / Director Report from the NSPS Spring 2013 Meetings	16-17
Memorandum of Understanding between NSPS and ISPLS	18-21
New Indiana Professional Surveyors Registration Act Effective July 1st1	22
Trig-Star in Indiana – 2013	24
Surveyors Show Students Why Math Has Merit	26-27
Legal Surveys	28-30
IPLS Foundation, Inc. Report	31
ISPLS Membership Renewals	32-33
ISPLS Membership Application Form	34-35
ISPLS Membershin Roll for 2012-2013	36-40
Sustaining Members	40
Firm Members	41-44

EDITOR'S NOTES

Deadlines for copy for various planned issues of the Hoosier Surveyor are as follows:

Winter - February 1 Spring - May 1 Summer - August 1 Fall - November 1.

The Hoosier Surveyor is published quarterly by the Indiana Society of Professional Land Surveyors to inform land surveyors and related professions, government officials, educational institutions, libraries, contractors, suppliers and associated businesses and industries about land surveying affairs.

Articles and columns appearing in this publication do not necessarily reflect the viewpoints of ISPLS or the Hoosier Surveyor staff, but are published as a service to its members, the general public and for the betterment of the surveying profession. No responsibility is assumed for errors, misquotes or deletions as to its contents.



Michael J Davis - Editor 4310 Broadway Street Indianapolis, IN 46205 Phone: (317) 283-4630 E-Mail: mijdavis@iupui.edu

Editorial Advertising Offices

8325 S. Emerson Avenue, Suite B-2 Indianapolis, IN 46237 Phone: (317) 888-4400

Fax: (317) 888-4412 Web Page: www.ispls.org

PRESIDENT'S MESSAGE

Charles M. "Chuck" Coyle, PLS, 2013 ISPLS President



It's been an action packed year thus far for ISPLS! Since our annual convention in January things could hardly be busier... let me share a few:

First of all, Jason Coyle, our ISPLS Executive Director, has kept us up to speed on all the new legislative matters. Again, I won't spend a lot of time reviewing those here, but would comment that ISPLS was successful in offering SB558 – Surveyor Board of Registration. This legislation will aid in redefining the responsibilities of the Professional Surveyor, and by definition will bring the Professional Surveyor into the 21st century. ISPLS also brought SB524 – Indiana-Michigan Boundary Commission back to legislative attention, since when the bill was first passed in 2009 Indiana had not appropriated funding for the project. Michigan had provided funding in their legislative package, but required Indiana to match in the funding. Now we have the funding, and ISPLS will be seeking to offer aid in Gov. Pence's selection of Surveyors to serve on the Indiana portion of the Commission. Our hope to get a Statue of Limitations for surveys was met with some "bumps in the road" and we asked to have the bill tabled. ISPLS has not given up on this all important legislation, but we will need to re-look at the proposed language and try to introduce it again next session. Another bill that our Lobbyist, Mike O'Brien, discovered was HB1027

– Civil Immunity. This bill provides for immunity for certain professionals that provide uncompensated services in times of emergency. Because Mike discovered this and brought it to our attention, we were able to add Surveyors to a list of other related professions. SB520 – ERASER Committee has apparently died for now, but ISPLS through the efforts of Mike O'Brien, will continue to monitor these issues in the future. These updates are posted on the ISPLS website, so please avail yourselves to those posts and stay abreast to these legislative matters.

On a similar, but slightly different note, Jason Coyle has been leading a charge in matters regarding the Indiana811, "Call Before you Dig" program. We mentioned this at the Annual Business Meeting... As interpreted, if you drive an iron pin, wood stake/hub, or lath in the ground without calling for "a locate", you are probably in violation. I have become very sensitive to this myself, as you will note from the inserted photograph. This critter was digging in my yard without the proper paperwork... He did not call before he dug, and he paid the ultimate sacrifice. While this adds to a little bit of humor, the topic is really a very serious one, and ISPLS is diligently working to make this a more manageable arrangement for Surveyors. By the way, my little critter/violator did not experience a proper burial... that would have required a utility locate before I could dig a plot... Oh well.



As I close-out this update, I'd like to share a recent experience: On Saturday, May 11th, I traveled up to Boy Scout Reservation, Camp Belzer, on the northeast side of Indianapolis. The Central Indiana Chapter, (CIC), of ISPLS, was hosting a day-long Surveying Merit Badge Course, and Jason Coyle invited me to come up and help. For me, this was just not a day to share with Scouts what Surveyors do... This was a chance for me to share and give back. As you may recall from my biography that was presented with the ballot for President-Elect, it indicates that I am an Eagle Scout, class of 1965. The story really only begins there, because while I have lived in Columbus (Indiana) for almost 29 years, I grew up only about 3 miles north of Camp Belzer, and had attended Belzer Jr. High School, and graduated from Lawrence Central High School in 1970, and the H.S. property borders the camp grounds. The vast majority of my Scouting experience had taken place at Camp Belzer, so it was with great joy and excitement that I accepted the invitation to attend and help out. Little did I expect to see so much activity at the Camp that morning...? As I drove in I witnessed many activities going on... Far more than a Surveying Merit Badge course. I saw many Scouts preparing for a day of fun and



learning experience. I saw Scouts dragging canoes out to Fall Creek to prepare for Voyager Canoe Training. That brought back many, many memories, as I had logged many miles in a canoe. As I pulled through the gate the emotion began to fill up inside me... Ahhhh, the memories that flashed through my mind. Just a bit later, as Jason showed a brief video clip of all the different things that Surveyors do, I suddenly realized that many of those experiences that I enjoyed as a Scout unknowingly helped to prepare me to be a Surveyor. I've included another photograph that displays a few of my Scouting artifacts.

Thank you for allowing me to share these experiences with the ISPLS family, and thanks for your support of ISPLS!

Page 4 Hoosier Surveyor 39-4

ISPLS BOARD OF DIRECTORS MEETING HIGHLIGHTS

by Robert "Jason" Coyle, PLS, Executive Director

January 16, 2013

The ISPLS Board of Directors met on Wednesday, January 16, 2013 at the Indianapolis Marriott East during the 61st ISPLS Annual Convention. President Gary Kent called the meeting to order at 8:03 am EST. All board members were in attendance. Others in attendance were Jason Coyle, Executive Director of ISPLS; Doug Herendeen, ISPLS Convention Coordinator; Don Williams, Northwest Chapter President; Dan Kovert, IPLSF Director; Brian Haggard, and Jacob Hoffman.

President Kent briefly reviewed the ISPLS Mission and Vision Statement and noted the "Rules of Order" for the meeting. Printed copies of the agenda were provided and there were no amendments to the agenda. A motion was made by Rich Hudson and seconded by Don Bengel to accept the agenda as provided. The motion passed by a unanimous voice vote. The minutes from the December 8, 2012 meetings were reviewed. Two corrections were noted concerning the spelling of Dennis Grumpp and Eric Banschbach. A motion was made by Rich Hudson and seconded by Perry Cloyd to accept the Board of Director's meeting minutes as presented with corrections. The motion passed by a unanimous voice vote.

The Treasurer's Reports were reviewed and narrated by Dennis Grumpp. As of December 1, 2012, ISPLS assets totaled \$369,859.46. Dennis noted that the checking account balance this time of year is higher due to convention receipts. Dennis also covered the income and expense report, investment report, budget, and the profit and loss report. Dennis noted that the Finance and Planning Committee would be working on the new budget. Dennis offered that preliminary budget recommendations from Finance and Planning Committee will be discussed at the April BOD meeting. Gary Kent added that the BOD needs to establish a goal of what to always retain in reserves as opposed to the previous tact of "one year's budget". A motion was made by Don Bengel and seconded by Ryan Swingley to accept the Treasurer's Reports as submitted. The motion passed by a unanimous voice vote.

The Board heard and reviewed the Executive Director's report. The report discussed the following topics: Membership Renewals; Affiniscape; 2013 Convention; the *Hoosier Surveyor*; Board of Registration; LS/LSIT Review; potential spring seminar, potential fall seminar with Hoosier Hills, chapter visits, and Articles of Incorporation for Chapters. Jason stated that he will investigate printing cost as there are members who would like a hard copy of the *Hoosier Surveyor*.

There were two items of business that were conducted via e-mail. The first concerned the results of the Board of Director's election. Rich Hudson, Dennis Grumpp, and Sean Suttles were the three voted in by the membership; however, the Board of Directors will need to appoint another Director to serve the remaining two years of the position vacated by Don West as he will start a new three-year term as President-Elect. This appointment took place during the Re-organizational Board of Directors Meeting that immediately followed this meeting. The second was a motion made by Chuck Coyle and seconded by Perry Cloyd to allow an Associate Membership transfer from Michael Sheehan, Vigo County Surveyor, (deceased) to his brother Tim (successor as Vigo County Surveyor by caucus). The motion carried by voice vote.

At about 8:30, Jeff Dowden with Wallington Asset Management joined the meeting and provided a written investment report and discussed the current funds and allocation. The ISPLS Corporate account balance as of December 31, 2012 was reported to be \$212,169.70. The consensus was to leave the allocation at a 50/50 split with Wallington having latitude to go 70/30 or 30/70 if need be. Jason will follow up with Jeff Dowden regarding the potential of investing \$4,500± in cash a month or so after the convention.

Shortly after 9:00, Todd Ensign with CapinCrouse joined the meeting and reviewed written report. Todd discussed the three levels of service (Audit, Review, and Compilation) and noted that his firm provided a review, not an audit. They recommend reviews for ISPLS, not audits. This is mostly a consolidated report (ISPLS and Foundation). Since four of six IPLSF Board Members are ISPLS Board Members, ISPLS has a majority interest. The report per generally accepted accounting principles (GAAP) must include both Foundation and ISPLS. Chuck Coyle mentioned that the foundation by-laws only require 3 Foundation Directors to also serve on ISPLS Board, but ISPLS has control over appointments, and is listed as "Sole Member". Gary Kent recommends that we follow GAAP and issue consolidated reporting with supplemental reports. Ensign CPA Group is the new entity that Todd is with - a breakaway from CapinCrouse. Todd stated that it would be the same people, same expertise, just a new name. The name change will facilitate the need for a new agreement in June. Todd also noted that John Butler would follow up with Jason regarding chapter compliance.

(Continued on page 6)

(Continued from page 5)

Eric Banschbach presenting an IPLS Foundation report. Eric reported that the gaming license for the ISPLS annual convention had been finalized. He also stated that a meeting will be set with Kevin Rowland regarding scholarship criteria and potential protocol. IPLSF Grant Applications had been finalized and the Foundation was aware of three potential projects: 1) Bill Clark with Vincennes University regarding hand-held GPS units; 2) Clayton Hogston and the digital scanning of the National Archive's General Land Office Notes and Plats; and 3) Jim Tibbett and a potential Indiana Boundary Law Book. A standard operating procedure (SOP) has been developed for financial distributions. The slate for the Foundation Board will be discussed at the organizational meeting immediately following this meeting.

The Membership Committee made recommendations for the following new members: Matthew D. Janneck, Associate; Timothy Fancis Sheehan, Associate; Travis Ray Shetler, Associate; Keith L. Ziegler, Associate; Milan Dobrosavljevic, Professional; Jason R. Hesler, Professional; and Gerardo P. Sanchez, Professional. A motion was made by Don West and seconded by Rich Hudson to approve the new member list as presented and recommended by the Membership Committee. The motion passed by voice vote.

Unfinished Business: Doug Herendeen discussed the raffle procedure. Jason requested that we remember Doug and his family as his father passed away and he would be traveling to New York during the convention. Gary Kent discussed the status of the three bills before the legislature. Gary met with Senator Yoder to clarify language. He also met with Senator Young and Mike O'Brien regarding photogrammetry issues, etc. He discussed how Legislative Services can change the format of a bill and that we will need to continue to monitor our initiatives. Gary also stated working with Rick Durham regarding the Statute of Repose legislation. There was discussion regarding having Jason get the word out to the ISPLS membership regarding contacting their respective legislators. The Annual Business Meeting agenda was discussed. Jason asked that the Board of Directors review the PowerPoint presentation for the meeting. NSPS representatives will review with the ISPLS membership the status of national participation regarding the 100% State Affiliate Membership Program.

Announcements: Eric Banschbach discussed recognizing Renee Shields of NGS who recently retired. It was noted that the Reorganizational Meeting would commence immediately after adjournment of this meeting. The meeting adjourned at 10:48 am EST.

January 16, 2013 (RE-ORGANIZATIONAL MEETING)

The ISPLS Board of Directors met on Wednesday, January 16, 2013 at the Indianapolis Marriott East during the 61st ISPLS Annual Convention. President Chuck Coyle called the meeting to order at 10:48 am EST. All board members were in attendance. Others in attendance were Jason Coyle, Executive Director of ISPLS; Don Williams, Northwest Chapter President; Dan Kovert, IPLSF Director; Brian Haggard, and Jacob Hoffman.

President Coyle thanked Gary Kent for his service as President. Chuck led a discussion concerning the need to fill a slot for Don West's remaining two-year term. Discussion took place about utilizing the next highest vote recipient, geographic area, chapter representation, etc. The three candidates discussed were Ron Wharry, Al Fabian, and Don Williams. A motion was made by Ryan Swingley and seconded by Eric Banschbach that the Board utilize paper ballots to decide who fills the vacant seat. The motion passed by voice vote. Don Williams was asked to leave the room as paper ballots were distributed. After the votes were tallied, a motion was made by Gary Kent and seconded by Rich Hudson to accept Don Williams as a two-year term Director of the ISPLS. Don was welcomed back into the meeting and notified he is now a Director.

President Coyle presented the 2013 officers as follows: Vice President – Bernie Guerrettaz, Secretary – Rich Hudson, Treasurer – Dennis Grump, NSPS Governor – Don Bengel, NSPS Governor Alternate – Tony Gregory and IGIC Representative – Eric Banschbach. A motion was made by Gary Kent and seconded by Don West to accept the ISPLS Officers as presented. The motion carried by a voice vote.

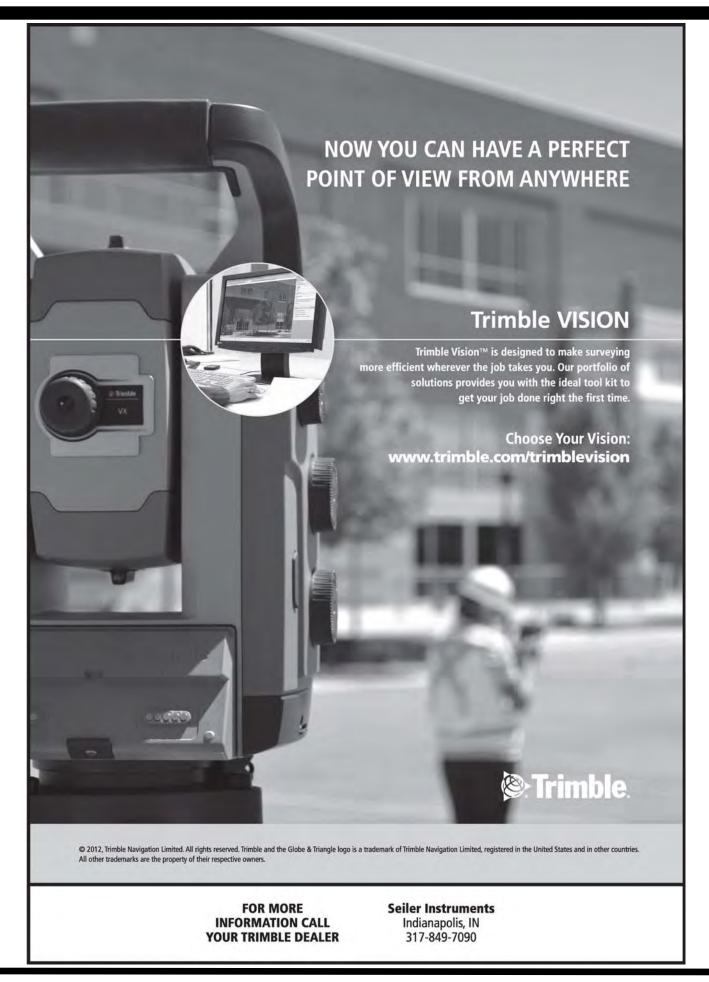
The tentative schedule for upcoming ISPLS Board of Directors meetings are as follows: March 9, 2013; April 13, 2013; May 18, 2013; June 15, 2013; July 27, 2013; September 7, 2013; October 12, 2013; November 2, 2013; and December 7, 2013.

The members of the 2013 IPLSF Board of Directors were announced and are as follows: Dennis Grumpp, Doug Herendeen, Chuck Coyle, Dan Kovert, Perry Cloyd, and Eric Banschbach. Dan Kovert will serve as President.

The re-organization meeting was adjourned by President Coyle at 11:24 am EST.

(Continued on page 8)

Page 6 Hoosier Surveyor 39-4



(Continued from page 6)

March 9, 2013

The ISPLS Board of Directors met on Saturday, March 9, 2013 at ISPLS Headquarters, Indianapolis, Indiana. President Chuck Coyle called the meeting to order at 9:04 am EST. All board members were in attendance with the exception of Bernie Guerrettaz. Others in attendance were Jason Coyle, Executive Director of ISPLS; Doug Herendeen, Convention Coordinator; Don Bengel, Indiana's NSPS Governor; Barrie Bunnell and Wayne Bunnell from the Wabash Valley Chapter.

President Coyle briefly reviewed the ISPLS Mission and Vision Statement and noted the "Rules of Order" for the meeting. There were no amendments to the agenda. A motion was made by Gary Kent seconded by Kevin Rowland to accept the agenda as presented. The motion passed by a voice vote. The minutes from the January 16, 2013 meeting were reviewed and accepted. A motion was made by Perry Cloyd and seconded by Don West to accept the Board of Directors' meeting minutes as presented. The motion passed by a voice vote. Likewise, the minutes from the January 16, 2013 re-organizational meeting were reviewed and accepted. A motion was made by Gary Kent and seconded by Perry Cloyd to accept the Board of Directors' meeting minutes as presented. The motion passed by a voice vote.

The Treasurer's Reports were reviewed and narrated by Dennis Grumpp. Financial reports ending January 31, 2013 and February 28, 2013 were presented for board review. Assets totaled \$322,757.94 as of January 31, 2013 and \$300,731.61 as of February 28, 2013. Dennis also covered the income and expense report, investment report, budget, and the profit and loss report. There was Board discussion regarding how the report format is to be presented. Executive Director Coyle will adjust the report format as discussed. A motion was made by Gary Kent and seconded by Ryan Swingley to accept the Treasurer's report as submitted. The motion passed by a voice vote.

The Board heard and reviewed the Executive Director's report. Jason Coyle presented a written report and discussed highlights with the board. He discussed membership renewals; Affiniscape, which was sold to YourMembership.com; and the ISPLS Legislative Agenda. The IN/MI State Line legislation, SB 524, passed out of Senate. The Definition of Surveying legislation, SB 558, also passed out of Senate. The Statute of Repose legislation failed to get a hearing in committee. The Civil Immunity in Emergencies legislation, HB 1027, passed out of House. The ERASER Committee legislation, SB 520, was discussed by the Board. Gary Kent gave an explanation of the bill which led into a Board discussion regarding "self-regulation." Jason continued his report with 2013 Convention accounting, seminar review, chapter visits, the *Hoosier Surveyor* and Indiana811. There was extensive board discussion concerning Indiana811, and Jason Coyle will prepare a letter/memo of the board's position and concerns and present it to the Central Chapter of the Indiana Damage Prevention Council.

Doug Herendeen and Jason Coyle presented and reviewed a written report concerning the 2013 ISPLS Convention. The expenses and income profits were discussed. There was increased hotel cost and consumption of coffee, pop and water which were not anticipated. A hotel comparison was presented for the Marriott East, French Lick, Fort Wayne and Wyndham Hotel. The original 10-year hotel contract was handed out and discussed including possible cancellation. Distance learning was discussed as a possible change in convention format for the future. A membership survey/poll of the annual convention was proposed. A summary was given by those Board members who attended adjoining state conventions as a comparison to the ISPLS Convention. It was reported that most of those conventions were scaled back this year. As an action item, Doug Herendeen will meet with the hotel and discuss the increased costs of the 2013 Convention and future conventions.

There was a discussion concerning the ISPLS Gaming Accounts. Doug Herendeen presented a suggestion to have the IPLS Foundation control the account and run the "gaming" events at the convention. A motion was made by Ryan Swingley and seconded by Don Williams to close the ISPLS Gaming Account and move \$2,064 to the IPLS Foundation Gaming Account, pending an IPLSF By-Laws change, with members of ISPLS to be members of the Foundation for gaming purposes only. The motion passed with a voice vote and with Dennis Grumpp abstaining.

ISPLS Committee reports: Jason Coyle gave a verbal report concerning the Publication and Media Committee. The committee is working to complete the Winter 2013 Edition. Jason also added that he had an opportunity to tour Indianapolis' Deep Rock Tunnel Project for combined sewer overflow with Bill Currier, PS at the Southport Plant. Eric Banschbach announced he and other volunteers would be presenting to around 340 students at Franklin Community High School in Johnson County – an open door to being

(Continued on page 9)

Page 8 Hoosier Surveyor 39-4

(Continued from page 8)

able to administer the Trig-Star exam. Don West, Chairman of the Public Information and Marketing Committee, discussed working with Vincennes University and Project Lead the Way. Don also put together the "Surveyor Week" proclamation and sent it to the Governor's office.

The Board of Registration Liaison, Jason Coyle, gave a report highlighting the February 1, 2013 Board of Registration for Land Surveyors meeting. His report included items regarding the CE Audit, Roger Woodfill's personal appearance, discussion of Eugene O'Brien, and Distance Learning providers conference calls. A written report will be in the Hoosier Surveyor. The next Board of Registration meeting is April 12, 2013. Jason Coyle also reported that Jay Poe asked about reducing convention fee for non-licensed county surveyors due to the proposed increase of continuing education hours to 40 hours over three years. NSPS Governor Don Bengel stated that he will be attending the NSPS Spring Meetings on April 12, 13 and 14. A full report will be given at the ISPLS Board meeting after the NSPS meeting. Eric Banschbach reported on the Geodetic Control Workgroup. The committee met on March 8, 2013 and reviewed the existing data. They will be looking at areas without data and looking for funding sources to collect the missing data.

There was discussion concerning 1-hour continuing education courses being presented during Chapter meetings. Scholarship Committee Chair, Kevin Rowland, stated that interviews for Purdue University and Vincennes University students will be conducted April 5, 2013. Guidelines are still needed for the Purdue University-Calumet program. Chuck Coyle report that he is still in search of an individual to chair the Young Professionals Committee. He also stated that he would like to see a bigger push of the NSPS "CST" Program.

Eric Banschbach with the IPLS Foundation presented a written Foundation report. He mentioned that the Convention Foundation Raffle brought in over \$4,000.

Those directors and members in attendance gave verbal reports concern their chapters.

Unfinished Business: The Memorandum of Understanding with NSPS concerning the 100% State Affiliate Membership was reviewed line by line. Following the review and suggested Board changes a motion was made by Don Williams and seconded by Sean Suttles to approve the Memorandum of Understanding as modified. The motion passed by a voice vote. The "Model Chapter By-Laws" were reviewed line by line. Follow the review it was decided that Gary Kent, Don West and Ryan Swingley will give a final review of the By-Laws document and send any changes to Executive Director Jason Coyle, so the "Model Chapter By-Laws" can be sent out to the Chapters by April 1. Jim Tibbett's Indiana Boundary Law Book proposal was presented to the Board for their consideration. It was noted the proposal was submitted as a grant request to the IPLS Foundation. Following Board discussion, it was suggested President Coyle contact Jim Tibbett with a list of questions, concerns and comments from the ISPLS and IPLSF Boards, and invite him and his proposed committee to the April ISPLS Board meeting to make a presentation and answer any questions.

Next ISPLS Board meeting will be April 13, 2013 at 9:00 am EDT at ISPLS Headquarters. The meeting adjourned at 3:07 pm EST.

April 13, 2013

The ISPLS Board of Directors met on Saturday, April 13, 2013 at ISPLS Headquarters, Indianapolis, Indiana. President Chuck Coyle called the meeting to order at 9:00 am EDT. All board members were in attendance with the exception of Gary Kent and Perry Cloyd. Others in attendance were Jason Coyle, Executive Director of ISPLS; Doug Herendeen, Convention Coordinator; Jim Tibbett, Past-President of ISPLS; Keith Van Wienen, Wabash Valley Chapter President; Dan Kovert, IPLSF President; and Ed Sweetland.

President Coyle briefly reviewed the ISPLS Mission and Vision Statement and noted the "Rules of Order" for the meeting. There were no amendments to the agenda. A motion was made by Don Williams and seconded by Bernie Guerrettaz to accept the agenda as presented. The motion passed by a voice vote. The minutes from the March 9, 2013 meeting were reviewed and accepted. A motion was made by Ryan Swingley and seconded by Don Williams to accept the Board of Directors' meeting minutes as presented. The motion passed by a voice vote.

(Continued on page 10)

(Continued from page 9)

The Treasurer's Reports were reviewed and narrated by Dennis Grumpp. Financial reports ending March 31, 2013 were presented for board review. Assets totaled \$255,278.04 as of March 31, 2013. Dennis also covered the income and expense report, investment report, budget, and the profit and loss report. There was Board discussion regarding the projected shortfall of \$9,553.43 at the end of the budget period. Executive Director Coyle prepared a "preliminary" budget for 2013/2014. A motion was made by Don West and seconded by Kevin Rowland to accept the Treasurer's report as submitted. The motion passed by a voice vote.

The Board heard and reviewed the Executive Director's report. Jason Coyle presented a written report and discussed highlights with the board. He discussed membership renewals; Affiniscape, which was sold to YourMembership.com; and the ISPLS Legislative Agenda. Jason continued his report with a 2014 Convention update, seminar review, and summary of chapter visits. Jason is encouraging a northern chapter to host an October seminar. He further reported that 9 of the 10 ISPLS Chapters had signed their Articles of Incorporation and that the model By-Laws had been presented to each chapter. A motion was made by Bernie Guerrettaz and seconded by Ryan Swingley to approve the Education Committee's recommendation of four continuing education seminars. These seminars are 1-2 hours in length and are to be given during chapter meetings. The motion passed with a voice vote. Executive Director Coyle presented a proposal for HVAC maintenance as required by our building contract. A motion was made by Ryan Swingley and seconded by Don Williams to contract with Allday Comfort, Inc. to provide the "annual preventative maintenance agreement" on the office HVAC for the amount of \$109. The motion passed with a voice vote. The building signage was also discussed.

ISPLS Committee reports: Jason Coyle gave verbal reports concerning the Publication and Media Committee, the Membership Committee and Trig-Star. State Trig-Star exams are to be administered by May 15th. Don West, Chairman of the Public Information and Marketing Committee, discussed participation in the Riley Children's Foundation Radiothon, which is June 7th and 8th.

The Board of Registration Liaison, Jason Coyle, gave a report highlighting the April 12, 2013 Board of Registration for Land Surveyors meeting. A written report will be in the Hoosier Surveyor. The next Board of Registration meeting is July 19, 2013. Chuck Coyle noted that Michael Stevenson is no longer on the Executive Committee for the County Surveyors Association and that he would be looking to replace Michael's position as County Surveyors' Liaison. Don Bengel, Indiana's NSPS Governor, was attending the NSPS Spring Meetings, April 12th – 14th. A full report will be given at the next ISPLS Board meeting. Eric Banschbach reported on the Geodetic Control Workgroup. The committee met on April 9, 2013 and reviewed the existing data. They will be looking at areas without data and looking for funding sources to collect the network densification data.

There was discussion concerning the Education Committee's recommendation of 1-2 hour continuing education credits for Chapter program presentations. Kevin Rowland, Scholarship Committee Chairman, discussed the activity of the committee. He presented a letter with recommendation to the ISPLS Board of Directors and gave a verbal report. Wayne Andrew Bunnell was awarded the John G. McIntyre Endowment Scholarship of \$5,000 and Derek Schwenk was awarded the Peggy Archer Memorial Scholarship of \$3,300. A motion was made by Ryan Swingley and seconded by Don Williams to accept the committee recommendation. The motion passed with a voice vote. The Purdue University-Calumet scholarship still needs to be worked out. Luke Jahn agreed to be the committee chairman for next year.

Rich Hudson, By-Laws Committee Chairman, noted that there will be changes needed for electronic voting and once the "chapter changes" are made. Dennis Grumpp, Finance and Planning Committee Chairman, will be sending out a 2013/2014 proposed budget via e-mail. The proposed budget will be reviewed at the May Board meeting. Grumpp stated the 2013/2014 proposed budget is in the meeting packet. Executive Director Coyle led a review of the proposed budget. Line item increases and new line items were highlighted. Chapter/Board seminars and seminar profit split was reviewed. There was Board discussion.

Eric Banschbach with the IPLS Foundation presented a written Foundation report.

Those directors and members in attendance gave verbal reports concern their chapters. Executive Director Coyle and Kevin Rowland will work together to get a chapter started in West Central Indiana.

(Continued on page 11)

Page 10 Hoosier Surveyor 39-4

(Continued from page 10)

Convention Report/Update: Doug Herendeen gave an update review of the closeout of the 2013 Convention. Herendeen will be negotiating the contract with the Marriott East for the future conventions. Herendeen gave a review of the program topics for the 2014 Convention.

Unfinished Business: The proposed Memorandum of Understanding with NSPS was reviewed with Board discussion lead by Executive Director Coyle. Following the review and Board comments, a motion was made by Don Williams and seconded by Sean Suttles to approve the modified Memorandum of Understanding. The motion passed with a voice vote. Executive Director Coyle reported that the Model Chapter By-Laws were sent to all of the Chapters. Executive Director Coyle will review the individual Chapter By-Laws and will bring them back to the Board if there are substantial differences.

New Business: Executive Director Coyle suggested a committee be formed to review the content of the IRS Group Exemption Letter. President Coyle accepted a committee made up of the following Board members: Chuck Coyle, Don Williams and Don West will review the letter for presentation back to the Board.

IPLS Foundation Grant Project Proposals: President Coyle stated the IPLSF has received three Grant Applications for proposed projects. One of the proposed projects was submitted by Jim Tibbett and is for an Indiana Boundary Law Book, which is to be authored and prepared by Jeff Lucas. The proposed funding for this project included three different groups: ISPLS, the IPLS Foundation and the Vincennes University Surveying Foundation. Tibbett gave his presentation based on a written statement approved by a committee he had established for the project. Tibbett had sent out an extensive packet of information prior to this meeting. Coyle asked Tibbett if he was prepared to also answer the questions that were e-mailed to him. Tibbett stated he did not receive the e-mail but would answer any questions. Cincinnati State University, Vincennes University and Purdue University-Calumet were contacted asked about the need for this type of text at their schools. The three schools are in support of this project and are willing to assist with compiling the data. It was noted that Lucas will retain the book's copyright, and the proposed project cost was presented as \$30,000, which was then explained by Tibbett. Following Tibbett's presentation there was extensive discussion between ISPLS, IPLSF and VUSF board members which was led by President Coyle. President Coyle said he would get a copy of the questions to Tibbett. Discussions included the committee members and functions, book budget cost/contract holder, book name, book maintenance budget cost, book recipient list and the three financial support groups. President Coyle indicated an executive session would follow and a decision by the Board would be made in the next 30-45 days. Additional discussion followed with Ryan Swingley calling in by conference call.

A motion was made by Bernie Guerrettaz and seconded by Don West to go into recess and discuss the Law Book Proposal in executive session. The motion carried by a voice vote.

The ISPLS-BOD Meeting reconvened at 2:19 pm. Next ISPLS Board meeting will be May 18, 2013 at 9:00 am EDT at ISPLS Head-quarters. The meeting adjourned at 2:51 pm EDT.

BOARD OF REGISTRATION FOR LAND SURVEYORS MEETING HIGHLIGHTS - APRIL 12, 2013

by Robert "Jason" Coyle, PLS, Executive Director

The Board of Registration for Land Surveyors (Board) met Friday, April 12, 2013, at 8:30 am EDT. The meeting was held at Indiana Government Center South, 402 W. Washington Street, Room W064, Indianapolis, Indiana. The Board spent the first several minutes reviewing licensure applications, approving continuing education providers and courses. The meeting was officially called to order at 8:46 am EDT with all Board members in attendance with the exception of John Stephens and Doug Lechner. The Board adopted the agenda for this meeting and approved the minutes from the November 19, 2012 and February 1, 2012 meetings.

At 8:54 am, Todd Bauer with Foresight Consulting brought a concern to the Board's attention concerning surveyors performing engineering services. Allegedly, there are surveyors that are working outside of the scope of the practice of land surveying with regards to the preparation of site plans that includes the design of water lines, force mains, and lift stations. After considerable discussion, the Board stated that they would issue a reminder to land surveyor regarding the definition of land surveying with regards to minor engineering. The Board issued the following statement for distribution on April 12th:

The Board suggests that the registered land surveyors in the State of Indiana who are involved in site design under IC 25-21.5.1.7(b)(1), review that statute especially with respect to the clauses "for and within subdivisions being laid out or having been laid out by the land surveyor" and "location of residences or dwellings."

After receiving several comments and concerns to the above statement, the Board issued the following on April 18th:

The gist of the Board's message is less nuanced than that some are interpreting it.

The Board is under the impression that all across the state, there are surveyors who are performing site design on projects that are (1) not in a subdivision, and (2) on commercial property. This is contrary to the definition of the practice of surveying in Indiana.

(Continued on page 13)

Your deadlines are deadlines







Custom orders your way ... when you need them.

When your name is on it, our name is behind it.

Berntsen delivers.

The professional's choice in survey products • www.berntsen.com • 877.686.8561

Page 12 Hoosier Surveyor 39-4

(Continued from page 12)

Notwithstanding the fact that some may disagree with exactly what the law says, it IS the law. The Registration Board is not in a position to interpret the statute for registrants - it stands on its own - but it would prefer to see to the policing of surveyors itself by offering this guidance rather than see the engineering board have to police surveyors by charging them with the illegal practice of engineering.

At 9:16 am, the Board held a conference call with J. Bernard Feeney concerning his probationary review. Mr. Feeney has had a probationary license since August of 1999. He has complied with the terms of the probation by submitting reports of his surveying activity prior to each meeting. Mr. Feeney has not been completing any surveys, but rather Surveyor's Location Reports during his time on probation. The Board is interested in knowing if Mr. Feeney would ever desire to be removed from probation. Mr. Feeney did express an interest and inquired as to how he might be able to do so. The Board suggested that he submit two metes and bound surveys and two lot surveys for their review and evaluation. Then Mr. Feeney could petition the Board to be removed from probation.

The Board continued with Probationary Reports for Michael Sadlon and Ronald Morrison. There was substantially nothing to report concerning these two individuals since they had not prepared any surveys.

Under discussion items, Crystal Heard, Board Director, explained how a petition for review from Royce Jones concerning the denial of his application had fallen through the cracks. Crystal Heard suggested that the Board make a motion to dismiss due to the idleness of the applicant. Rich Hudson made a motion to dismiss the petition/application, which was seconded by Mike DeBoy. The Board passed the motion with a unanimous voice vote.

The Board heard a report from Natalie Stidd, Deputy Attorney General, at about 9:25 am. Natalie Stidd supplied the Board with a report of Consumer Complaints and Litigation Cases. Below is a summation of that report:

Consumer Complaints				
Year	Consumer Complaints at Beginning of Year	Consumer Complaints Opened During Year	Consumer Complaints Closed During Year	
2011	33	4	15	
2012	22	13	25	
2013	10	4	1	
Complaints Currently Open as of April 12, 2013			13	
Average	Average Age of Open Complaints: 6.84 months			

Litigation Cases				
Year	Litigation Cases Open at Beginning of Year	Litigation Files Opened During Year	Litigation Files Closed During Year	
2011	8	5	3	
2012	10	2	4	
2013	8	0	1	
Cases Currently Open as of April 12, 2013			7	
Average Age of Open Cases: 19.96 months				

Action Taken	2011	2012	2013
Admin Complaints Filed	0	5	0
Cease & Desist Orders Filed	0	1	0
Summary Suspensions Filed	0	0	0
Civil Litigation	0	0	0
Judicial Review	0	1	0

(Continued on page 14)

(Continued from page 13)

At 9:35 am, the Board commenced with an Administrative Hearing concerning the Matter of Registration of Mr. Roger Woodfill, Cause No: SBRLS 12-04, with regards to the Order of Show Cause. Mr. Woodfill was not in attendance for the hearing. There was a motion from Rich Hudson to issue Notice of Proposed Default for his failure to appear that was seconded by Mike DeBoy. The Board passed the motion with a unanimous voice vote.

At 9:42 am, the Board commenced with an Administrative Hearing concerning the Matter of Application for Mr. James Couts regarding his Petition for Review, Administrative Cause No.: SBRLS 12-07. The application for Mr. Couts was denied due to not meeting the educational requirements. Mr. Couts explained his education background and provided course descriptions to the Board. He further explained how each of his courses matched up with the required courses. Ross Holloway made a motion to approve Mr. Couts' application which was seconded by Rich Hudson. The Board passed the motion with a unanimous voice vote.

At 10:20 am, the Board commenced with an Administrative Hearing concerning the Matter of Registration of Mr. James Gorman, Cause No: SBRLS 12-10, with regards to a Notice of Proposed Default. Mr. Gorman was not in attendance for the hearing nor did he respond to the notice. There was a motion by Ross Holloway to default Mr. Gorman that was seconded by Gary Kent. The Board passed the motion with a unanimous voice vote. The hearing continued with Natalie Stidd, Deputy Attorney General, providing evidence to the Board concerning Mr. Gorman's criminal record. Natalie Stidd noted that there was an incorrect date within the State's Complaint, Count I, and asked the Board to consider a motion to orally amend the complaint. Gary Kent made the motion as requested and Ross Holloway seconded. The Board passed the motion with a unanimous voice vote. Upon the closing of the hearing, there was a motion by Gary Kent, seconded by Ross Holloway, and amended after discussion to: 1) place Mr. Gorman's land surveyor licnese on indefinite suspension with no right to petition for reinstatement for a period of five years; 2) pay a civil penalty totaling \$1,000 to the State of Indiana; 3) pay the costs of this proceeding; and 4) pay a fee of five dollars to the State of Indiana for the Health Records and Personal Identifying Information Protection Trust Fund. The Board passed the motion with a unanimous voice vote.

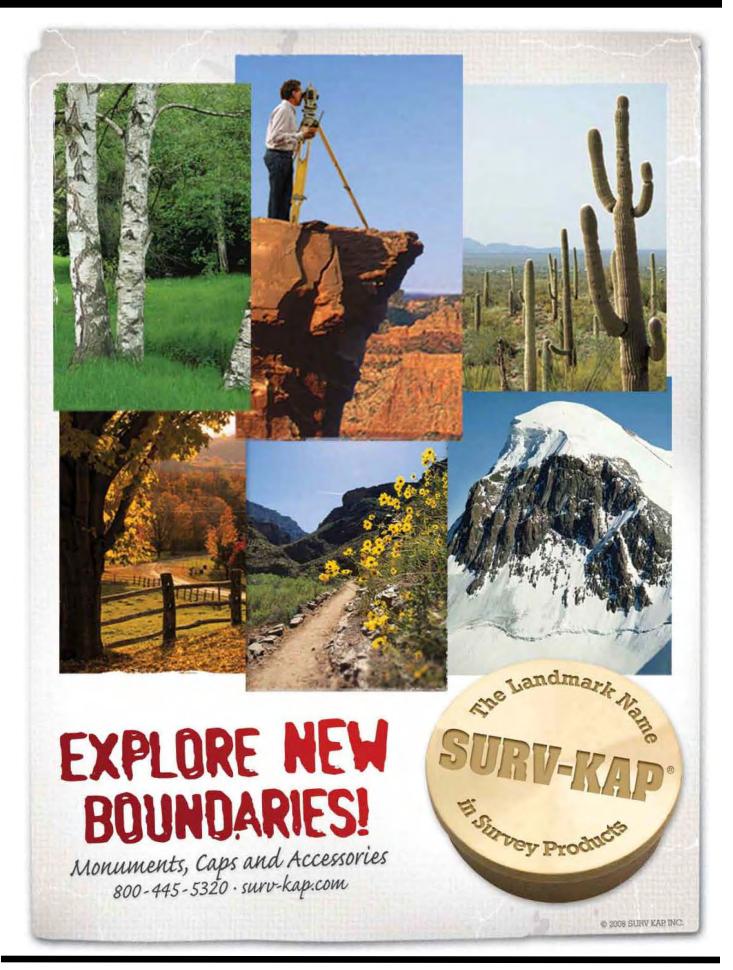
At 11:09 am, the Board commenced with an Administrative Hearing concerning the Matter of Registration of Mr. Michael Chabes, Cause No: SBRLS 12-08, with regards to a Notice of Proposed Default. Mr. Chabes was not in attendance for the hearing nor did he respond to the notice. There was a motion by Mike DeBoy to default Mr. Chabes that was seconded by Ross Holloway. The Board passed the motion with a unanimous voice vote. The hearing continued with Natalie Stidd, Deputy Attorney General, providing evidence to the Board concerning State's Complaint against Mr. Chabes. In conclusion, Mr. Chabes is subject to disciplinary sanctions under IC 25-1-11-5(a)(7) in that Mr. Chabes had disciplinary action taken against him by the Ohio State Board of Registration for Professional Engineers and Surveyors for a found violation of Ohio R.S. Section 4733.20(A)(1), which is similar to IC 25-1-11-5(a)(1)(A), when he engaged in material deception in an attempt to obtain designation as an Engineer Intern in Ohio. Upon the closing of the hearing, there was a motion by Ross Holloway and a second by Gary Kent to: 1) permanently revoke Mr. Chabes' surveyor in training (SIT) license; 2) pay a civil penalty of \$1,000 to the State of Indiana; 3) pay the costs of this proceeding; and 4) pay a fee of five dollars to the State of Indiana for the Health Records and Personal Identifying Information Protection Trust Fund. The Board passed the motion with a unanimous voice vote.

The Board met with Mr. Steven Williams for his personal appearance and probationary report at 11:40 am. Mr. Williams stated that he had not completed any surveys since the last meeting.

A motion was made by Gary Kent and seconded by Mike DeBoy to approve the following recommendations and decisions made by the board members on Land Surveyor applications that were reviewed: Michael Zoltek – Approved; James Powers – Denied; and Caleb Towles – Denied. The Board passed the motion with a unanimous voice vote.

The Board concluded the meeting with discussions on computer based testing, e-participation policy, laser scanning, and proposed rule changes to IAC 865. The meeting adjourned at 12:39 p.m. EDT. The next scheduled meeting is Friday, July 19, 2013 at 8:30 am EDT at Indiana Government Center South, 402 W. Washington Street, W064, Indianapolis, Indiana 46204.

Page 14 Hoosier Surveyor 39-4



ISPLS - NSPS GOVERNOR / DIRECTOR REPORT FROM THE NSPS SPRING 2013 MEETINGS

by Donald Bengel, PLS - Indiana NSPS Governor / Director

The first order of business for the NSPS Spring, 2013 meeting was the General Membership Meeting held at 8:00 AM Saturday, April 2013 at Gaithersburg Hilton Hotel in Gaithersburg, MD.

This meeting is a pro forma meeting as required by law.

An important item was the presentation of Certificates for the State that had signed the Memorandum of Understanding (MOU) for 100% membership. Indiana was one of the states. Please see the certificate below.

Installation of Officers and remarks by the out-going and incoming Presidents. Our new President is Lamar Evers from Florida.

The NSPS Board of Governors meeting began at 9:00 AM.

The most important and interesting part of the meeting was the introduction of the new NSPS Government Affairs Consultant, John Palatiello, and the new NSPS Media Consultant, Neil Sandler. These two men gave a great presentation of their views for the future of NSPS. John Palatiello was the first ACSM public affairs director. He seems to have a solid understanding of the Surveying Profession.

The meeting of the Board of Governors is also attended by the members of the Board of Directors. This makes a lot of sense since the many reports can be presented one time.

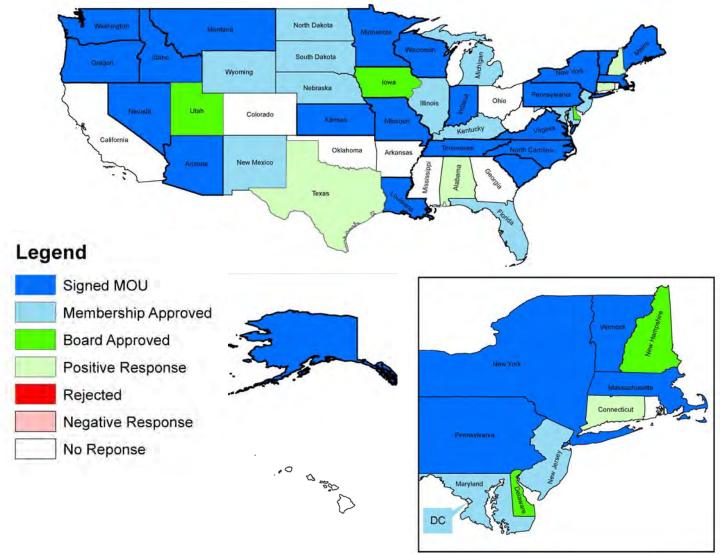
Two motions were passed by the Board of Governors.

Motion 8.6: NSPS continue the Museum Committee with the new charge that the committee provides support for existing and future museum displays containing surveying artifacts and/or information and explore the feasibility of creating a display to be offered to museums throughout the United States.

(Continued on page 17)



Page 16 Hoosier Surveyor 39-4



(Continued from page 16)

Motion 8.7: Recommend that the NSPS Board of Directors di- NSPS will have to make some changes in its by-laws to accom-VICES to see how it relates to the professional practice of sur- situation. veying and direct the committee to report its findings.

A side note concerning the new NSPS Office in Frederick, MD. NSPS received 8 months free rent, cost of telephone services are A motion was passed to end NSPS financial support for the Namonth.

9:00 AM.

seated as Directors. This was a great day for ISPLS. The MOU was sent to NSPS on Saturday afternoon and was signed by NSPS prior to the start of the BOD meeting.

rect the ALTA/ACSM committee to review EXPRESS MAP SER- modate 55 possible Directors. The committee is working on this

Most of the reports were submitted in written form.

only 65% of former costs, and utility costs saves \$2,200 per tional Museum of Surveying. The commitment was \$5,000 per year for five years. The museum has filed for bankruptcy.

The NSPS Board of Directors met on Sunday, April 14, 2013 at There is a lot of excitement among the NSPS Governors and Directors concerning the 100% membership. In my opinion, the future has great possibilities for our profession. The increase in The states that had signed the 100% MOU had their Governors our numbers will certainly give us more influence in Washing-

> As always I must say how impressed I am with the commitment of time, talent and money by our fellow surveyors.

MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS, INC. (NSPS) AND THE INDIANA SOCIETY OF PROFESSIONAL LAND SURVEYORS, INC. (ISPLS)

ARTICLE I

The purpose of the NSPS 100% State Affiliate Membership Program is to create an environment that will enhance the national influence of NSPS and the surveying profession by joining its members and its affiliates' members into a single, unified organization that represents, as near as possible, 100% of the surveying profession.

A unified national organization better serves the interests, objectives, and communication needs of its members, in helping to enhance the public image of the surveying profession. This stronger organization gives its members a more powerful national voice in promoting and protecting our profession. This unity of purpose helps advance the sciences and the disciplines within the profession of surveying and mapping, encourage cooperation between the public and the private sectors, create an active public relations program and advance the protection of public welfare with respect to surveying and mapping issues.

ARTICLE II BACKGROUND

The NSPS Board of Governors and Board of Directors feel that the continued success and growth of our society and our profession requires a stronger relationship between the national and state societies. To that end, we desire to create a joint membership program that will attract state societies to join with NSPS to work together to enhance our profession while enjoying the benefits of membership.

Benefits of a unified national organization for NSPS include:

STRONGER INFLUENCE in dealing with federal and state legislators, agencies, and administrators.

GREATER RECOGNITION by other national and international professional organizations.

INCREASED EFFICIENCY in building on past, present, and future initiatives to strengthen the surveying profession.

Thus, at the May 5, 2012 NSPS Annual meeting, a motion from members of the NSPS Board of Governors, to create and implement a 100% Affiliate Membership Program was presented and approved by both the NSPS Board of Governors and Board of Directors.

ARTICLE III OBLIGATIONS AND RESPONSIBILITIES OF THE INDIANA SOCIETY OF PROFESSIONAL LAND SURVEYORS, INC.

Furnish the NSPS, Inc. Secretary/Treasurer, at least sixty (60) days prior to the start of the ISPLS membership year, a preliminary list of the names, or the number of its Professional members whose legal residence is in the State of Indiana, along with a list of ISPLS Professional members who are not Indiana residents as of the signing date of this document.

Within one hundred and twenty (120) days from the start of the ISPLS membership year, ISPLS shall provide NSPS a list of all Professional members paid to date and the balance due for its NSPS membership fees (\$40/member).

ISPLS, after the first one hundred and twenty (120) days of the membership year, shall forward NSPS on a monthly basis the names and membership dues for all newly paid to date Professional members.

(Continued on page 19)

Page 18 Hoosier Surveyor 39-4

(Continued from page 18)

Provide a representative(s) to serve on the NSPS Board of Governors and Board of Directors.

ISPLS will pay all of the expenses associated with the attendance of the ISPLS representative(s) to the NSPS Board of Governors and Board of Directors meetings and any other NSPS committee meetings.

Publish the MOU once each year in an ISPLS publication.

Furnish NSPS, Inc. with the names and addresses of its officers, directors, and NSPS Governor/Director after each election.

Affirm the affiliation with NSPS, Inc. through the display of the NSPS, Inc. logo or other statements of affiliation on the ISPLS stationery, website and publications.

ARTICLE IV ROLES AND RESPONSIBILITY OF NSPS

Provide leadership for the surveying & mapping community on a national level.

Provide a voice for the surveying & mapping community on a national level.

Provide a National Government Affairs Program and leadership on State and Regional Government Affairs issues.

Provide coordination and promotion of surveying & mapping curriculums on a national level.

Provide a liaison with other national and international geomatics and geospatial organizations.

Provide for the distribution of significant information of new technology and innovations that support the furtherance of surveying & mapping science.

NSPS will act as the clearinghouse and spokesperson for ISPLS on national issues.

Provide assistance to ISPLS in obtaining speakers and programs for conferences and workshops.

Coordinate licensing concerns of a national interest with ISPLS and provide review of the NCEES Model Law.

Promote ISPLS activities and programs through the NSPS Website and publications.

ARTICLE V ISSUES OF MUTUAL UNDERSTANDING

The two parties are two distinct and separate entities that share a mutual interest in furthering the surveying & mapping profession.

ISPLS may opt out of having its members' personal information shared by NSPS with third parties by submitting a letter to the NSPS Secretary/Treasurer at the beginning of every membership year.

ISPLS has the right, and is expected to, send a representative to all meetings of the Board of Directors and any other NSPS committee meetings.

ISPLS will encourage participation in the annual NSPS Lobby Day and schedule meetings with their Congressional delegation.

(Continued on page 20)

(Continued from page 19)

ARTICLE VI COMPENSATION DETAILS

ISPLS will remit to NSPS an annual fee of \$40.00 for each Professional Member. Non-resident members who are currently a Professional member of ISPLS as of the signing date of this MOU by ISPLS are allowed to take part in the 100% membership program through ISPLS. Their membership is an optional basis similar to the life, honorary, associate and affiliate members. After that date, non-residents who become Professional members of ISPLS may only participate (on an optional basis) in the 100% membership program through ISPLS if they do not at that time, nor have they for the previous three (3) years, held membership in another State Affiliate.

All costs incurred by ISPLS associated with collecting and disbursing the annual fee to NSPS shall be borne solely by ISPLS.

ARTICLE VII MISCELLANEOUS DETAILS

Life, Honorary, Associate, or Affiliate members of ISPLS are allowed to participate in the NSPS membership program on an optional basis at the same rate as is paid (initially \$40) by ISPLS Professional Members, in their appropriate NSPS membership category. ISPLS will supply NSPS a listing of those additional members.

Student members of ISPLS can qualify to be included in this program at the current NSPS student membership fee of thirty dollars (\$30) for the 2013 membership year, and at a membership fee of ten dollars (\$10) starting with the 2014 membership year. ISPLS will supply NSPS a listing of such members.

All newly licensed Land Surveyors with an Indiana residency will be offered a Professional membership at no cost to the individual in ISPLS and NSPS for one year. These newly licensed members will be included in the yearly ISPLS membership tally.

ARTICLE VIII TERMS OF THE AGREEMENT

This MOU Agreement will become effective upon the first day after the signing of this Agreement by the authorized officers of both parties.

This MOU Agreement shall remain in force until such time as either party ceases to exist as a legal entity within the state of their listed headquarters or until receipt of a termination notice pursuant to this Article.

The agreement may be terminated by either party upon a two-thirds vote by their governing Board and the delivery of a written notice of termination to the other party's listed headquarters within no less than ninety (90) days prior to the commencement of a new membership year.

Upon receipt of a termination notice from either party, both parties will have a maximum of sixty (60) days in which to complete all financial and legal obligations existing between them.

Should a dispute arise between the parties as to the terms of this agreement, and an amicable settlement cannot be reached by the two parties, both parties agree to submit the dispute to a dispute resolution procedure to be held within the state of the aggreeved party.

(Continued on page 21)

Page 20 Hoosier Surveyor 39-4

(Continued from page 20)

ARTICLE IX EFFECTIVE DATE AND SIGNATURES

NOW BE IT RESOLVED that the National Society of Professional Surveyors, Inc., (NSPS, Inc.) and the Indiana Society of Professional Land Surveyors, Inc. (ISPLS, Inc.) have joined together in mutual understanding as to their obligations and responsibilities pursuant to this MOU Agreement to the best of their ability and herewith sign this MOU Agreement in good faith.

SIGNED FOR THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS, INC. ON

This 14th day of April, 2013 by W. Lamar Evers, 2013 NSPS President and John R. Fenn, 2013 NSPS Secretary.

FOR THE INDIANA SOCIETY OF PROFESSIONAL LAND SURVEYORS. INC. ON

This 13th day of April, 2013 by Charles M. "Chuck" Coyle, Jr., 2013 ISPLS President and Richard L. Hudson, 2013 ISPLS Secretary



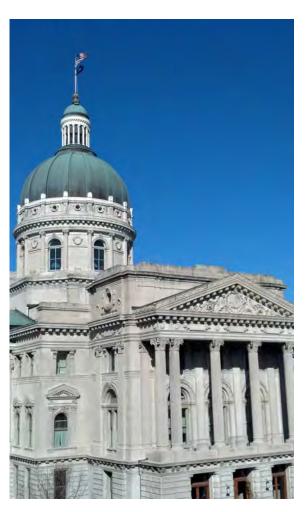
NEW INDIANA PROFESSIONAL SURVEYORS REGISTRATION ACT EFFECTIVE JULY 1ST

By Gary R. Kent, PS, Past-President of ISPLS

Senate Bill 558 was passed by the Indiana Senate and House and signed by the Governor during the legislative session that just ended. This new law, which becomes effective on July 1, 2013, is the first substantive rewrite of the surveyors registration act since its current iteration was developed in the 1960s.

The new registration act does a number of things. The most outwardly notable change is that, in keeping with the NCEES goal of standardizing the title for surveyors in the United States, surveyors in Indiana will now be known as "professional surveyors" who practice "surveying." All references in the Indiana Code to "registered land surveyor" will now read "professional surveyor," and all references to "land surveying" will now refer to "surveying."

Indiana joins a number of other states which have defined the practice of surveying based primarily on the NCEES Model Law and supporting documents. In doing so, the relationship between surveying and GIS has been clarified - primarily, but not exclusively - by stating that data intended to represent "authoritative locations of property boundaries" constitute the practice surveying. "Authoritative" is defined in the new law as being "presented as trustworthy and competent when used to describe products, processes, applications, or data resulting from the practice of surveying."



Additionally, under the new law the practice of photogrammetry is no longer a violation of the surveying registration act. It may come as a surprise to many that photogrammetric mapping has always has fallen under the practice of surveying, but it has, and it has always been easier to ignore that fact than to address it. The new act essentially allows ASPRS certified photogrammetrists to practice that part of the practice of surveying that their profession represents, viz., "The use of photogrammetric methods or similar remote sensing technology to perform any part of the practice of surveying as defined in this section may be performed only under the direct control and supervision of a professional surveyor or professional photogrammetrists who maintain a current title of "Certified Photogrammetrist" from a national scientific organization having a process for certifying photogrammetrists."

The new law also addresses the oft-cited question of "who" can perform "what part" of construction layout by stating that the practice of surveying includes "performing construction staking or layout of the control for any elements of an engineering, building, or construction project, if the position of an element is: (A) dependent on; (B) in specific relation to; or (C) in close proximity to a boundary or property line or corner, including easements and rights-of-way."

In the process of working on the bill's wording, it became clear that the State was not going to allow the practice of surveying to be expanded as a part of this effort, which was otherwise viewed simply as bringing the definition of the practice of surveying up to be consistent with modern day technology and practice. That position, however, prevented the new law from addressing a few issues that are sometimes deemed problematic. Indiana Professional Surveyors will still be able to practice "minor" engineering only within their subdivisions, and attorneys will still be able to write legal descriptions.

The entire text of the bill can be found at http://www.ispls.org/associations/13204/files/SB0558.pdf.

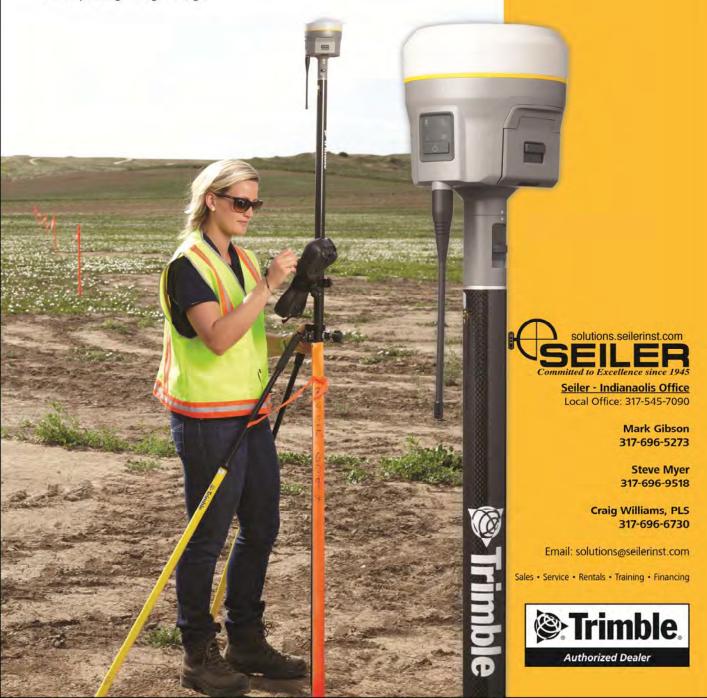
Page 22 Hoosier Surveyor 39-4

THE FIRST OF ITS KIND, THE NEW TRIMBLE R10 GNSS SYSTEM

PRODUCTIVITY BEYOND GNSS

Powerful New Technologies & Features:

- Trimble xFill™ provides RTK coverage during connection outages
- Trimble SurePoint™ precise position capture
- Trimble HD-GNSS™ cutting edge processing engine
- Trimble 360™ advanced satellite tracking receiver technology
- Integrated wireless communications
- · A compact, lightweight design



TRIG-STAR IN INDIANA - 2013

By Tony Gregory, PLS - Indiana Trig-Star Coordinator



Surveyors in Indiana again produced a successful year in Trig-Star. A total of 31 schools and 927 students (included one home-schooled student) participated in Trig-Star in Indiana during 2012-13. Participation in 2011 was 37 schools and 963 students. Chapter participation included Wabash Valley Chapter (16 schools and 472 students), Northwest Chapter (6 schools and 178 students), Southwest Chapter (3 schools and 119 students), St. Joseph Chapter (3 schools and 82 students), and Central Indiana Chapter (3 schools and 76 students). Local awards from ISPLS chapters to individual school winners totaled nearly \$2,000 in cash and gift cards. Nearly 20 land surveyors and technicians were involved in administrating the test throughout the state.

The first place winner in the state was Casey LeeVan of Penn High School in Mishawaka. Casey scored 84 points out of 100 points in 42 minutes 22 seconds. Casey's math teacher was Mr. Brad Grounds. The test was sponsored by Aaron Blank of Lawson-Fisher Associates, P.C. in South Bend (St. Joseph Chapter). As the state winner, Casey will be allowed to participate in the National Test, the second testing phase of the program. That test should be administered by mid-June. ISPLS provided a first-place cash award of \$500 to the student, and \$300 to the teacher.

The second place winner was Timothy Liu, also of Penn High School in Mishawaka. Timothy scored 83 points out of 100 points in 58 minutes 56 seconds. ISPLS provided cash awards to Timothy in the amount of \$300, and to his teacher, Mr. Brad Grounds, in the amount of \$200. As mentioned above, Aaron Blank of Lawson-Fisher Associates, P.C. was the test sponsor for Penn High School.

The third place winner was Zach Gunderson, from Highland High School in Highland. Zach scored 82 points out of 100 points in 56 minutes 43 seconds. ISPLS provided cash awards to Zach in the amount of \$150, and to his teacher, Mr. Jim Hus, in the amount of \$100. The test at Highland High School was sponsored by Tony Gregory of Purdue University Calumet (Northwest Chapter).

It has been a long-standing goal of the Trig-Star Program in Indiana to increase the number of participating schools and students, and to strive for involvement from every ISPLS Chapter. In addition to providing awards and recognition for gifted students, the program is a valuable tool for land surveyors to promote their profession to high school students. In order for the program to grow, more ISPLS members are needed to step up and become involved in the program.

Many have difficulty seeing the value of Trig-Star. In an effort to show the importance and positive benefits of the program, several high school math teachers and a former state Trig-Star winner from the Wabash Valley Chapter area agreed to be videoed in order to express why they participate in Trig-Star, and what value that they see that comes out of the program. The resulting video, which is from December of 2011, can be viewed at http://youtu.be/nnYi8y_rCII.

Anyone interested in information on what it takes to get involved in this program can contact Indiana's Trig-Star Coordinator, Tony Gregory, at gregorylandsurveying@comcast.net.



Page 24 Hoosier Surveyor 39-4





Your source for site productivity tools



Sales Service Rental **Training**

Lasers **GPS Machine Control** Supplies

Total Stations



Positioning Solutions Co. | Productivity Tools for Survey and Construction Professionals 7522 E. 39th Street, Indianapolis, IN 46226

Phone: 888-313-6111 | Fax: 317-542-7784 | www.1psc.com

Page 25 **Hoosier Surveyor 39-4**

SURVEYORS SHOW STUDENTS WHY MATH HAS MERIT

By Michael J Davis, Editor of the Hoosier Surveyor

About 350 honors students at Franklin Community High School got to hear from people who regularly use mathematics — members of the Indiana Society of Professional Land Surveyors — during a series of presentations on March 11.

Brian Lutes and other high school math teachers invited the surveyors from the Central Indiana Chapter to speak to students ranging from freshmen to seniors who are taking geometry and pre-calculus courses.

The teachers wanted to show how lessons taught in math classes really are being used in the workplace.

Responding were Eric Banschbach, Vince Barr, Cindy Candler, Ryan Swingley and Anthony Syers. They each took part in six 50-minute sessions offered throughout the day, starting at 7:50 a.m. and ending at 2:55 p.m., demonstrating historical equipment and some of the latest available technologies.

Banschbach, who is Trig-Star coordinator for the Central Indiana Chapter of ISPLS, also discussed features of that program and told what to expect in the test that would be given at the high school at a later time.

"This was a great opportunity to actually accomplish what the Trig-Star program was intended to do, and not just have students participate in a test," Banschbach said.

Each session opened with a short introductory video. Candler then discussed "What is Surveying?" and Syers talked about using math in solving real-world problems. Barr showed equipment and tools from the past, and Swingley provided the "wow" factor by showing examples of what modern devices could do, such as scanning the room to show students' images in point clouds.

Various types of old equipment, plats and deeds were on display along one side of the room.

Sophomore Sean McGinnis told Franklin Daily Journal reporter Tom Lange that he felt math would be essential in whatever his future might hold. "I don't think there's any career you go into where math isn't a part of your daily life," McGinnis said.



Representing the Central Indiana Chapter of the Indiana Society of Professional Land Surveyors in presentations March 11 at Franklin Community High School were (from left) Vince Barr, Cindy Candler, Anthony Syers, Ryan Swingley and Eric Banschbach.

(Photos by Robert "Jason" Coyle)

Page 26 Hoosier Surveyor 39-4



Eric Banschbach, Trig-Star coordinator for the Central Indiana Chapter, discussed the program during the sessions at Franklin Community High School.



Cindy Candler's presentation described what a surveyor does and what it means to be a surveyor.



Vince Barr talked about how equipment was used in the past and also displayed a Gunter's chain.

Central Indiana Chapter more than doubles Trig-Star participation

More than 75 students took the Trig-Star test in exam sessions offered by members of the Central Indiana Chapter of the Indiana Society of Professional Land Surveyors.

The total included six students at Park Tudor School, Indianapolis; 24 at Franklin Community High School, Franklin; 45 at Southport High School, Indianapolis; and one home-schooled student.

"Our goal was to double participation, and we did more than double it, but we still have some more to do," said Eric Banschbach, Trig-Star coordinator for the Central Indiana Chapter.



Ryan Swingley demonstrated a laser scanner and showed a simulated fly-through view of an image.

LEGAL SURVEYS

Bryan F. Catlin, PLS

The goal of this column is to provide brief summaries of recent Indiana Court of Appeals and Supreme Court cases involving topics related to surveying practice, certainly not to provide legal advice. Information is gathered from the courts website at www.in.gov/judiciary. Comments or suggestions for future columns are welcome by email to: Bryan.Catlin@indy.gov.

I'd like to start out by recommending Landon Blake's recent article in *The American Surveyor* about the issues you encounter when reviewing court cases. You can find the article online or in print, Blake, L. (2013). Limitations and Benefits of Court Case Review. *The American Surveyor*, 10(2), 40-42. Also, the online geographic information systems for Morgan and Monroe Counties were very useful for picturing the relationships between various owners' parcels in a couple of the current cases. And finally, the following case is another example of lakefront lot owners trying to limit other lot owners' access to and use of a public lake as provided by plat covenants.

Bay Colony Civic Corporation vs. Pearl Gasper Trust and Bruce F. Waller, Indiana Court of Appeals Case No. 49A05-1207-PL-365, March 11, 2013

This case from Marion County concerns Bay Colony, a subdivision next to Eagle Creek Reservoir. The City of Indianapolis owns the land immediately at the water's edge around the reservoir. About half of the lots in Bay Colony are "waterfront" lots, just behind the City property. The rest have a "lake front access easement" per covenants across a portion of lots 12 and 13. Gasper, owner of lot 12, and Waller, owner of lot 14, had docks built by prior owners from the City property which other Bay Colony residents began using without permission. Gasper and Waller erected private property signs for the docks. Waller installed a locked wooden gate and Gasper installed a chain-link gate and fence at her dock. There was communication between the neighborhood association and Gasper and Waller about the association's wish to build a community dock. In July of 2010, the association cleared brush from the easement, filled some washouts and put down a mulch footpath to improve safety and access in the easement and extending across the City property to the rip-rap around the lake. During this process Gasper's chain-link fence and gate were removed.

Gasper and Waller sued the association to prevent the association from entering their lots, altering or removing their docks, or blocking Gasper's access to her dock. Damages were requested for impermissible use of association funds, among other things. A plaintiffs' motion later joined the City as a defendant. The City filed a statement in September 2011, declaring it had no concrete interest in the dispute and noting that apparently the Bay Colony owners had the right to use the lake front access easement to get to public land to access the waters of the reservoir from the public land. After each side moved for partial summary judgment, the court decided that the easement was only for access to the public land but not to the reservoir, permanently enjoining the non-waterfront lot owners from using the easement to access the water. The court also determined that the association violated its bylaws by spending funds on public land by clearing the path across the public frontage to the reservoir and violated City regulations by failing to obtain City approval for changes to the City's strip of land. The association was ordered to restore the land to its original condition and enjoined from spending funds on public land.

The association appealed arguing the trial court erred by barring non-waterfront owners from using the easement to access the water and by ordering the restoration of the City's strip of land and by barring it from using funds on public land.

After reasoning that the trial court's decisions that the use of the easement was only to reach public land but not public water and that the association's bylaws limited spending funds to only the roads and common grounds of Bay Colony were in error, the trial court's judgment was unanimously reversed and direction was given to grant the association's motion for partial summary judgment. It was noted that a City permit should have been obtained for the work but the City had not taken offense at the relatively benign footpath or imposed any fines.

AT&T vs. Atlas Excavating, Inc., Indiana Court of Appeals Case No. 79A02-1207-PL-552, February 11, 2013 - MEMORANDUM DE-CISION - not regarded as precedent

In this case from the Tippecanoe Superior Court, Atlas Excavating was working in Kokomo in a location where they had contacted the Indiana Underground Utility Locate Service Association who had marked utilities in the area of construction. On September 8, 2008, Atlas hand-excavated an AT&T cable which was found to have two pieces of wood duct-taped to it. Atlas inserted a four foot

(Continued on page 29)

Page 28 Hoosier Surveyor 39-4

(Continued from page 28)

wide trench box and suspended the cable over the trench box. The wood was suspended over the middle of the trench box without extra support. About an hour after the installation of the trench box the cable parted under its own weight, not from contact by Atlas. It became clear that the cable parted at a previous splice repair sleeve where the wood was taped. Atlas notified AT&T who came and repaired the cable.

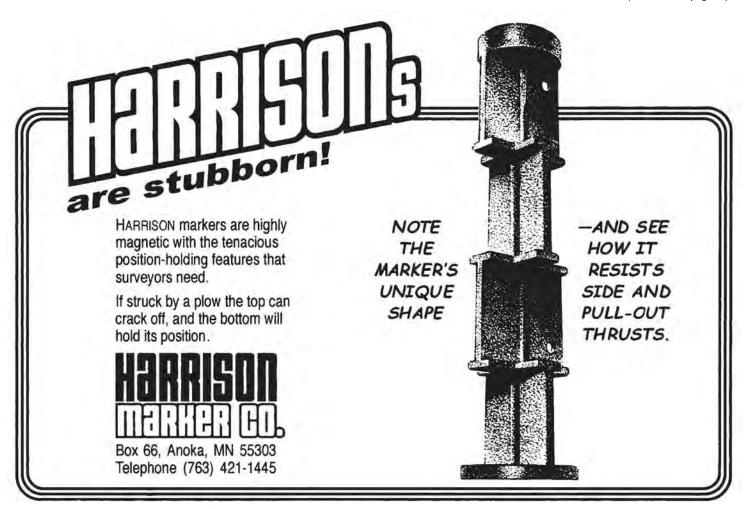
AT&T sued claiming violation of the Damages to Underground Facilities Act and moved for summary judgment which was denied. After a bench trial held in favor of Atlas, AT&T appealed the denial of the motion for summary judgment.

The Appeals Court reversed the trial court 2-1 and remanded the case with instructions. A dissenting opinion by Judge Brown raises the point that the majority decided Atlas was negligent when the damage happened, even when they tried to avoid damage, because they didn't have a plan to avoid damage to an unrecognized splice.

Jerome Scott Mattingly vs. Jaun William Smith and Julie Ann Smith and Sharon O'Connell, and Daniel E. Richards, Vernuse Mings and Meredith Mings, Glen H. MacPhee and Carol S. MacPhee, Howard P. Owen and Debra L. Owen, John Knox and Jill Knox, Jerry Stokes and Christina Stokes, Jacqueline A. May, and Paul E. Dombrosky and Sheila A. Dombrosky, Indiana Court of Appeals Case No. 55A05-1203-PL-142, February 18, 2013 - MEMORANDUM DECISION - not regarded as precedent

This appeal from the Morgan Circuit Court concerns a 1983 "plat of survey" requested by Donald Richards, who together with his wife, owned a tract of land that came to be known as Sundown Acres. The plat depicted six tracts totaling about 56.68 acres and an access and utility easement 50 feet wide. The Smiths purchased 5.263 acres of the platted 7.0 acre tract six in 1985 and built a home there in 1987. A one-lane gravel drive terminated in a cul-de-sac at the northern edge of their property. Other property owners to the west of Sundown Acres, the Metzes and O'Connell, also used the easement to access their property. The O'Connell

(Continued on page 30)



(Continued from page 29)

deed was not in the record but the Metzes' deed expressly granted rights to use the easement. Mattingly, who had owned nearby land since 1986, bought land south of the Smiths' property in 2006 and concluded he now owned the remaining 1.737 acres of tract six that the Smiths had not purchased. After trying to sell his interest in the remainder of tract six to the Smiths and other residents in Sundown Acres without success and since the plat showed the easement extending to the southern line of tract six, Mattingly believed he could access all of his property from the easement. On August 30, 2010, Mattingly discarded a no trespassing sign the Smiths had posted and used a tractor and bush-hog and chainsaws to clear a path approximately 200 by 30 feet across the Smiths' property to connect with the cul-de-sac. Mattingly had also entered O'Connell's property and cleared a path approximately 90 by 15 feet there. The Smiths filed a complaint alleging a dispute about the use of the easement, trespass, etc.

At a bench trial, the court found that the plat was clear that Mattingly could use the easement to access his portion of tract six but could not overburden the easement by using it to access the rest of his property, Mattingly had trespassed on O'Connell property and owed damages there, but the action did not rise to criminal trespass, and that no damages were due the Smiths since he stayed within the easement on their property.

On appeal, several issues were raised including whether the 1983 plat, which was not signed by the owner, created an express easement. However, since no one presented evidence that an owners' signature was required, this was not reviewed. The plat was found to establish the intent that the Mattingly portion of tract six was to be served by the easement and the reference to the easement in the deeds to the Sundown Acres owners satisfied the Statute of Frauds. The trial court decisions were affirmed.

This case includes the trials court's refreshingly clear finding that Mattingly's actions "were stupid, at best".

Ronald G. Arnold and B. Candi Arnold vs. Allen Robert Linnemeier and Kathy Sue Linnemeier, Indiana Court of Appeals Case No. 53A04-1207-PL-368, March 25, 2013 - MEMORANDUM DECISION - not regarded as precedent

This case from the Monroe Circuit Court concerns a four-lot administrative subdivision where each of the four lots has a fifty-foot strip to a public road per local ordinance. John Loudermilk, the president of Harding Development Corporation, had constructed a gravel drive which was used to access the entire property before it was divided and sold. The gravel drive meandered over the flattest parts of what became the fifty-foot strips on tracts one and two. Mr. Linnemeier bought tract one on September 24, 2001 including the 2,092-foot strip to the main part of his approximately 31-acre tract. Loudermilk told Mr. Linnemeier that use of the gravel drive came with the purchase and was used to access other tracts as well. After Arnold Excavating Company purchased tracts two and four from Harding, Arnold was aware that Linnemeier was using the drive and asked him to contribute to the purchase of stone for the drive which he did as he had previously with Loudermilk. After Arnold had his property surveyed and found the drive crossed into Linnemeier's strip in a couple of places he had a gate placed across the driveway and provided the Linnemeiers with a key. The relationship eventually deteriorated with the Arnolds wanting a better driveway which Mr. Linnemeier did not need for his use. The lock on the gate was changed, causing Mr. Linnemeier to have to park in his strip by the road and walk about a half-mile to fish in his lake. Eventually the Arnolds and another property owner constructed a paved driveway in the Arnold's fifty foot strip. The cost to the Arnolds, who owned an excavating business, was between \$80,000 and \$100,000, with additional materials expenses. After completion of the drive, Mr. Arnold asked Mr. Linnemeier to contribute to the cost of the drive but he refused.

Mr. Linnemeier filed a complaint alleging the Linnemeiers possessed an implied easement by prior use and an irrevocable license to use the gravel drive. At a bench trial the court found for the Linnemeiers and the Arnolds appealed.

The Court of Appeals opinion discusses why an easement can be implied by prior use when there was unity of title at that time and why the easement was "reasonably necessary" for the enjoyment of the Linnemeiers' property. The trial court decision was affirmed although other issues which were separated such as drainage concerns and the contribution the Linnemeiers should make towards the driveway cost are still outstanding.

Bryan F. Catlin, PLS has been registered as a Land Surveyor in Indiana since 1991. He holds B.S. Land Surveying Engineering and M.S. Engineering (geodesy) degrees from Purdue University.

Page 30 Hoosier Surveyor 39-4

IPLS FOUNDATION, INC. REPORT

By Daniel Kovert, PE, LS - IPLSF President

The Indiana Professional Land Surveyor's Foundation (IPLSF) was established by ISPLS in 2009 for the purpose of promoting growth and development of the surveying profession. The Foundation's primary means of carrying out this purpose is through the awarding of scholarships and grants and through financial partnering with other foundations.

The Foundation has been very active so far in 2013 having had meetings on January 7, February 18, March 18 and April 15. Highlights from these meetings include the following items:

- Taken over responsibilities of the ISPLS scholarships
- Developed the selection criteria for the Purdue Calumet scholarship awards
- Developed grant application guidelines and application request form
- Established a spending plan for the Foundation
- Created a page on the ISPLS website for the Foundation including the ability to contribute to the Foundation online (more on that below!)
- · Conducted a raffle of a shotgun, two Apple iPads and a Kindle Fire
- Met with representatives from Cincinnati State to develop a relationship with them
- Began conversations with Trine University to develop a relationship with them
- Awarded a grant of \$2,995 to Vincennes University for ten handheld GPS units to be used by students as well as prospective students

The Foundation continues to work on the Chapter Memorandum of Understanding so that ISPLS chapters can establish funds for their scholarships, grants and financial partnering within the Foundation. The advantages to structuring the funds in this manner are to allow tax-deductible donations to be made and to take advantage of investment choices through Wallington Asset Management. Wallington is the portfolio manager for both ISPLS and IPLSF and has guided the portfolio to average annual returns of approximately six to seven percent per year.

In addition, the Foundation continues to work on additional grant application requests and pursuing partnering opportunities with other foundations for projects that will benefit the surveying profession. Developing and maintaining relationships with college surveying programs and other foundations will be paramount in sustaining and growing the Foundation.

The Foundation intends to hold another fundraising raffle during the 2014 ISPLS Convention. If anyone has suggestions for items to be included in the raffle, please feel free to contact any of the Foundation Board of Directors. Those persons are:

- Dan Kovert, President (dkovert@sjcassoc.com)
- Doug Herendeen, Vice President (dherendeen@bfsengr.com)
- Dennis Grumpp, Treasurer (<u>dgrumpp@schneidercorp.com</u>)
- Perry Cloyd, Secretary (<u>pcloyd@vectren.com</u>)
- Eric Banschbach, Liaison to ISPLS (<u>ebanschbach@indot.in.gov</u>)
- Chuck Coyle, Past President (ccoyle@forceco.com)

And finally, the Foundation cannot succeed without generous donations from the membership of ISPLS and others. We sincerely appreciate the tremendous response to the raffle at the convention this past January as we were able to raise approximately \$4,000 for the Foundation.

Please consider making an investment in the future of surveying by visiting the online contribution website by clicking on the IPLSF Contribution link on the ispls.org home page.

We appreciate the support of all of you!

ISPLS MEMBERSHIP RENEWALS

Fiscal Year: July 1, 2013 - June 30, 2014 by Robert "Jason" Coyle, PLS, Executive Director

Yes, once again it is that time of year to renew your ISPLS Membership and continue to support the Land Surveying Profession in Indiana. However this year there is an added bonus. As you may have heard, in January the ISPLS membership and leadership voted to participate with the NSPS 100% Joint State / National Membership Program, unifying the surveying profession into a more effective advocate for the interests of surveyors and the public they serve. Participating in this program allows or mandates a membership with NSPS for only \$40, as opposed to the previous offering of \$225 for an NSPS Membership. This is a great program and we know that the members are excited about it.

Along those same lines, the ISPLS membership and leadership also voted to have nearly all ISPLS members be affiliated with a local chapter. This was done in part to strengthen the chapters and to provide a more unified society. The Chapters' leadership has been very accepting of this move and has even been planning <u>free</u> one to two hours continuing education seminars for their members, essentially giving each member a tangible benefit for the required participation. Below you will find a simple matrix explaining the different ISPLS membership types with the required and/or elective memberships with NSPS and the Chapters.

ISPLS Member Type	ISPLS Mem- bership Dues	NSPS Member- ship Dues	ISPLS Chapter Membership Dues	Total (Annually)
Professional Member (Indiana Resident)	\$200	\$40	\$20	\$260
Professional Member (Renewing Out-of-State)	\$200	Option @ \$40	\$20	\$220 - \$260
Professional Member (New Out-of-State)	\$200	Not available	\$20	\$220
Life Member	\$0	Option @ \$40	Per Chapters	\$0 - \$40
Affiliate Member	\$65	Option @ \$40	\$20	\$85 - \$125
Affiliate Member (New Out-of-State)	\$65	Not available	\$20	\$85 - \$125
Associate Member	\$60	Option @ \$40	\$20	\$80 - \$120
Associate Member (New Out-of-State)	\$60	Not available	\$20	\$80 - \$120
Student Member	\$10	Option @ \$30	Per Chapters	\$10 - \$40

This year's membership renewals will be handled through the ISPLS Website and Member Portal powered by Affiniscape. This is a great system that brings many benefits to ISPLS and the membership. The renewal process should prove to be very effective and efficient.

During the week of June 10th, members with valid e-mail address on file with ISPLS will receive an e-mail with a membership renewal quote attached. Those members without a valid e-mail address on file with ISPLS will receive their membership renewal quote via the United States Postal Service. The renewal quote will contain some of your basic contact information, cost to renew your membership, and instructions for making a renewal dues payment.

Membership renewal payments can be made several different ways. The easiest and most efficient way is by visiting the ISPLS Website at www.ispls.org. Members can log into the ISPLS website by entering their username and password in the "Member Login" box. Don't have a username and password? Then please contact Jason Coyle, the ISPLS Executive Director, and he will be sure to get them to you. Once logged in, select "renew/upgrade membership" to visit your member portal. Then simply click on the red "Renew" button to start the renewal process. You will be asked to enter or verify your member profile. Profile items with a red asterisk are required to be completed. For those wishing to participate with a NSPS Membership, please be sure to check the box.

(Continued on page 33)

Page 32 Hoosier Surveyor 39-4

(Continued from page 32)

Once you have completed your member profile, click on the "Renew" button. At this point you can select "Pay Now" and pay with a Visa, MasterCard and Discover debit/credit card to complete the renewal process.

Alternatively, click "Bill me" and then click "View Invoice" near the top of the next page to print an invoice. Then please mail your membership renewal invoice along with payment to Indiana Society of Professional Land Surveyors, Inc., 8325 S. Emerson Ave., Suite B-2, Indianapolis, IN 46237. Please make check payable to Indiana Society of Professional Land Surveyors, Inc.

A second round of renewal notices will be sent out about the second week of July via e-mail and the United States Postal Service. The third and final renewal notice will be sent out near the second week of August via e-mail and the United States Postal Service.

ISPLS was able to accomplish many great things last year for the surveying profession with your help. So, thank you! We are excited to continue with a few initiatives this year and see what else we can accomplish. We hope that you will renew your membership with ISPLS and continue to support the Surveying Profession in the State of Indiana.

FIRM MEMBERSHIPS:

Last year the Board of Directors for ISPLS decided to modify the dues structure for Firm Memberships. The goal of the restructuring is to promote Firm Memberships throughout all surveying firms so that all can reap from the benefits of such status . . . and we feel we met that goal. If your company is not a Firm Member, then we would ask you to consider it. The benefits of a Firm Membership include, but are not limited to, acknowledgement on the ISPLS website, a business card posting in the Hoosier Surveyor publication, and a 20% discount for all employees of Firm Members attending ISPLS sponsored seminars and conventions.

Firm Memberships 2013/2014:

1 Person = \$100.00 2-4 Persons = \$200.00 5-9 Persons = \$300.00 10 + Persons = \$400.00

For example, a one-person surveying firm would have a Professional Membership at \$200 and a Firm Membership of \$100 for a total of \$300. They attend the ISPLS Convention held in January of 2014 at a cost of \$350, less a 20% discount, which equals \$280 - a savings of \$70. The effective cost of a Firm Membership is \$30.

How about a three-person surveying company with a Professional Member at \$200, an Associate Member at \$60 and a Firm Membership at \$200? The total membership outlay is \$460. Two members attend the annual ISPLS Convention and save \$70 each or \$140. Now the Firm Membership only costs \$60.

Obviously, the larger firms have a better chance to capitalize on the savings. But with the restructuring, the Board of Directors hopes that smaller surveying firms will take this opportunity to show their support for ISPLS and the Surveying Profession.

SUSTAINING MEMBERS:

Sustaining Memberships are available to any individual, partnership, or corporation engaged either in the manufacture or distribution of Land Surveying instruments or equipment, or in the compilation or reproduction of maps, or in the performance of services for Land Surveyors. There are three tiers for the Sustaining Membership category and they are as follows:

- Full-page ad in each of the quarterly Hoosier Surveyor publications and an ad within www.ISPLS.org rotating sponsor banner = \$800
- Half-page ad in each of the quarterly Hoosier Surveyor publications and an ad within www.ISPLS.org rotating sponsor banner = \$400
- An ad within the www.ISPLS.org rotating sponsor banner = \$200

All of the above fees are annual fees and include up to four different ads per year per each application. Ads for the rotating sponsor banner are 310 pixels wide by 100 pixels tall or 3.23 inches wide by 1.04 inches tall.

All inquiries concerning the renewal process, Firm Memberships and/or Sustaining Memberships should be directed to Jason Coyle at 317-888-4400 or execdir@ispls.org.

INDIANA SOCIETY OF PROFESSIONAL LAND SURVEYORS, INC.

8325 South Emerson Avenue, Suite B-2, Indianapolis, Indiana 46237 Ph.: (317) 888-4400 Fax: (317) 888-4412 E-mail: ExecDir@ISPLS.org Web: www.ispls.org



MEMBERSHIP APPLICATION

July 1, 2013- June 30, 2014

NSPS

Name:				Date of Birth:	
	.) (First)	(Middle)	(Last)		
Nick Name:			_ Have you ev	ver been found guilty of any felony	? Yes □ or No □
Please check prefer	red mailing add	dress.			
Home:				Ph:	
_					
County:			E-mail:		
Employer:					
				Ph:	
				Fax:	
				tions:	
		• P (Please check			Annual Dues
☐ Professional Mem	ber - Any individ	ual licensed as	a Professional St	urveyor in the State of Indiana	\$200.00
☐ Associate Membe	r - Non-registered	individuals who	are engaged in s	upport of the practice of surveying	\$60.00
☐ Affiliate Member	- Anyone affiliated	with the surveyii	ng profession or	any non-resident who is registered	
	as a surveyor in a	another state oth	er than Indiana.		\$65.00
☐ Chapter Members	hip				\$20.00
	belong to and pa		es. Please state your	ignate a chapter in which they would like to chapter affiliation above or one will be	
■ NSPS Membership	(All Professional Mem	bers residing within Ir	ndiana <u>must</u> include d	n NSPS Membership at \$40. All other member cipate in a NSPS Membership at \$40.)	\$40.00
☐ Student Member	- Full-time student	in a surveying re	lated program /	plus NSPS Student Membership	\$10.00/+\$30.00
Degree You Are Pursu	ing:		Expected Gra	duation Date:	
TOTAL DUES					\$
	•	•		n necessary business expense but i spent on Lobbying, and is Non-L	
Please make	check payable t	to: Indiana So	ciety of Profe	essional Land Surveyors, Inc. or	ISPLS, Inc.
We accept: Visa □	MasterCard [or Discover		Check #	
Card Number:				Exp. Date / Securit	cy Code
Name on card:			Cardholde	r's Signature:	
"I, the undersigned.	agree that by su	bmitting my ap	plication and i	paying the appropriate fees, Lagre	e to abide by the
Constitution, By-La	-				•
Annilan all Cines	_			Data	
Applicant's Signature	::			Date:	

Page 34 Hoosier Surveyor 39-4

MEMBERSHIP CATEGORIES

PROFESSIONAL MEMBER: A Professional Member of this Corporation shall be limited to Registered Land Surveyors in good standing with the Indiana State Board of Registration for Land Surveyors. A Professional Member shall be eligible to vote, hold office and to participate fully in the affairs of the corporation.

ASSOCIATE: An Associate membership will be granted to those non-registered individuals who are actively engaged in support of the practice of land surveying. An Associate Member is entitled to vote and participate fully in the affairs of the Corporation but shall not be entitled to hold office. Associate Members shall, at such time that they become Registered Land Surveyors in good standing with the Indiana State Board of Registration for Land Surveyors, become Professional Members without further vote of the Board of Directors of this Corporation.

AFFILIATE: An Affiliate membership will be granted to those individuals who qualify under the following provisions:

- a) Anyone who is affiliated with the Land Surveying profession or
- b) Any Non-Resident who is registered and in good standing as a Land Surveyor in a state other than Indiana.

An Affiliate Member is not entitled to vote, or to hold office but will receive newsletters and be invited to participate in meetings.

STUDENT: A Student membership will be granted to those non-registered individuals who are endeavoring to make surveying their chosen career and who are enrolled as a full time student as defined by the university or school they are attending. Membership in this class shall not exceed a total of (5) years. A Student Member is not entitled to vote or hold office, but will receive newsletters and be invited to participate in meetings.

LIFE: Any person holding Professional Member status shall be eligible to petition the Board of Directors to change his membership to that of a Life Member. If the Board of Directors finds that the Professional Member so petitioning has reached the age of 65 years and has been a Professional Member (or Member before July 1, 1999) of this Corporation for at least a total of twenty (20) years, it shall grant the petition and the Professional Member will become a Life Member. If the Board of Directors finds that the Professional Member so petitioning has not fulfilled the above requirements, the Board may grant a petition if it finds that the Professional Member has retired from active practice for reasons of health and is no longer engaged in Land Surveying. Life Members shall be furnished with a Life Membership card and Certificate and such membership shall take effect upon approval by the Board of Directors. Life Members shall not be subject to payment of dues, but shall enjoy all the rights and privileges of full Professional Member status in this Corporation.

To view and read the ISPLS Constitution, By-Laws, Code of Ethics, and the Memorandum of Understanding with NSPS, please visit www.ispls.org and About ISPLS.

ISPLS Chapters and Associated Counties:

Central Indiana:	Hoosier Hills:	Northeast:	Southwest:	Tecumseh:
Boone,	Bartholomew	Adams	Daviess	Benton
Hamilton	Brown	Allen	Dubois	Carroll
Hancock	Jackson	DeKalb	Gibson	Clinton
Hendricks	Jennings	Huntington	Greene	Fountain
Johnson	Lawrence	LaGrange	Knox	Montgomery
Marion	Monroe	Noble	Martin	Tippecanoe
Morgan		Steuben	Perry	Warren
Shelby	Initial Point:	Wells	Pike	White
	Clark	Whitley	Posey	
Greenville Treaty:	Crawford		Spencer	Wabash Valley:
Dearborn	Floyd	Northwest:	Vanderburgh	Blackford
Decatur	Harrison	Jasper	Warrick	Cass
Fayette	Jefferson	Lake		Delaware
Franklin	Orange	LaPorte	St. Joseph Valley:	Grant
Henry	Scott	Newton	Elkhart	Howard
Ohio	Washington	Porter	Fulton	Jay
Ripley		Pulaski	Kosiusko	Madison
Rush		Starke	Marshall	Miami
Switzerland			St. Joseph	Randolph
Union				Tipton
Wayne				Wabash

For the 2012/2013 Fiscal Year as of April 30, 2013

PROFESSIONAL MEMBERS - 551

Adler, Donald Ray - Evansville, IN Aikins, Paul R - Indianapolis, IN Aldridge, Henry - Indianapolis, IN Alexander, Rick L - Avon, IN Allen, Corey D - Mitchell, IN Allen, John Stuart - Hobart, IN Allen, Tim M - Morgantown, IN Aloi, Robert S - Walkerton, IN Althouse, Nathan K - Noblesville, IN Anderson, Brian D - Loogootee, IN Anderson, Denise K - Martinsville, IN Arden, William - Portage, IN Arnold, Peter L - Brownsburg, IN Ayala, David N - Carmel, IN Badger, Matthew G - Evansville, IN Ballard, Dustin K - New Palestine, IN Ballintyn, Frank F - Sellersburg, IN Banschbach, Eric N - Indianapolis, IN Banton, Phillip S - Lagrange, KY Barich, David M - Valparaiso, IN Barkey, Timothy L - Decatur, IN Barnes, Jeffrey S - Laporte, IN Barnett, Carl E - Washington, IN Barr, Vincent J - Franklin, IN Batdorff, Craig S. - Elkhart, IN Bauer, John W - New Castle, IN Baxter, Andrew D - Indianapolis, IN Beasley, Zachariah E - West Lafayette, IN Becher, Charles J - Paris, IL Beer, Philip D - Westfield, IN Beery, Adam - Plymouth, IN Bender, Paul Lee - West Lafayette, IN Benge, Fred L - Plainfield, IN Bergman, Louis J - Greenville, OH Bernardin, Thomas G - Evansville, IN Bertsch, Matthew G - Bluffton, IN Bertsch, Nicholas J - Decatur, IN Best, David B.H. - Indianapolis, IN Betz, Josh O - Indianapolis, IN Betz, Kyle K - Lafayette, IN Beyer, Tim - Zionsville, IN Bishop, Michael L - Greenwood, IN Bislich, Jeff S - Cicero, IN Blank, Aaron W - Mishawaka, IN Blankenbeker, David R - Jeffersonville, IN Bledsoe, Ben E - Bloomington, IN Boblitt, David R - Odon, IN Boline, John - Elgin, IL Bordenet, Daniel Scott - Indianapolis, IN Boren, Glen E - Cedar Lake, IN Bortner, David A - Bristol, IN Botterman, Marinus Bernhard - Crete, IL

Boyer, William G - Angola, IN Brand, Eric - Aurora, IL Branson, Lyle D - Carmel, IN Breeze, Paul E - New Harmony, IN Breitzke, Kevin D - Valparaiso, IN Brosmer, Kenneth R - Jasper, IN Brown, Chad L. - Brownsburg, IN Bruns, Steven A - Auburn, IN Buedel, Scott D - Evansville, IN Buehler, Philip J. - Jasper, IN Bullock, John E - Valparaiso, IN Bunnell, Barrie L - Wabash, IN Burcham, Ronald L - Mitchell, IN Burlage, James D - Columbia City, IN Burnett, Dan E - Fishers, IN Burns, Jeremy A - Fishers, IN Burress, Phillip L - Indianapolis, IN Butcher, James A - West Lafayette, IN Cady, Marc - Warren, IN Campbell, James Steven - Jasonville, IN Candler, Coralina L - Fishers, IN Candler, Curtis A - Fishers, IN Carl, Aaron James - Huntington, IN Carmien, Christopher D - Valparaiso, IN Cash, Calvin B. - Tell City, IN Catlin, Bryan F - Clayton, IN Charles, George W - Brownsburg, IN Christian, Stephen J - Zionsville, IN Clancy, Edward L - Urbana, IL Clark, William L - Vincennes, IN Clearwaters, Jason R - Indianapolis, IN Cleveland, Alan B - Indianapolis, IN Clifford, William M - Grandview, OH Cloyd, Perry D - Hope, IN Cooley, Theodore J - Batesville, IN Coomes, Timothy J - Shelbyville, IN Cooper, Matthew L - French Lick, IN Cooper, Stephen Michael - Greenfield, IN Copperwaite, Jason M - Corydon, IN Costello, Christopher P - Bloomsburg, PA Couts, P. Joseph - Lafayette, IN Cox, David L - Middletown, OH Coyle, Charles M - Columbus, IN Coyle, Robert Jason - Fishers, IN Cramer, Brad S - Elkhart, IN Croft, David G - Westville, IN Crouch, Archie A - Rising Sun, IN Crouch, David T - Rising Sun, IN Cultice, Craig D - Culver, IN Cunningham, Patrick - Battle Ground, IN Currier, Mikel - Edwardsburg, MI Curry, Douglas R - Bloomington, IN

Dahl, David L - Washington, IN Darling, Jeff W - Indianapolis, IN Darnall, Ted P - Edinburgh, IN David, Walter J - Fremont, IN Davidson, Christina M. - Glen Ellyn, IL Davis, Arthur R. - Lake Village, IN Deardorff, Mark - San Pierre, IN DeBoy, Michael L - Noblesville, IN Deckard, Eric L - Heltonville, IN Deckard, Jason D - LaPorte, IN Deckard, Lawrence D - Crawfordsville, IN Deeds, Greg D - Denver, IN Dehart, Adam L - Lebanon, IN DeMais, John W - Lafayette, IN Demkovich, Donald - Hammond, IN Derwinski, Jonathon - Crown Point, IN Dillon, Russell Waid - Schererville, IN Dobrosavljevic, Milan - Chicago, IL Dougherty, William L - Indianapolis, IN Downey, Mark D - Avon, IN Duffy, Mark J - Danville, IN Duffy, Michael P - Crown Point, IN Dunbar, Charles J - Huntersville, NC Durham, Richard - Anderson, IN Ebinger, Charles R - North Vernon, IN Eck, Alan V. - Huntley, IL Eckerle, Bradley J - Jasper, IN Eichhorn, Kristopher K - Pendleton, IN Emans, James W - Bremen, IN Evans, Evan J - Pittsboro, IN Eveslage, Gregory B - Greenville, IN Fabian, Alexander A - Hammond, IN Faris, Brad S - Franklin, IN Farny, James A - Evansville, IN Fateley, Aaron T. - Columbus, IN Fazekas, James Michael - Sheridan, IN Feeback, Jason R - Cannelton, IN Feldbusch, Michael F. - Evansville, IN Ferguson, Kelly S - Montgomery, IN Fine, Roger A - Carmel, IN Fischer, Stephan R - Cincinnati, OH Fisher, Larry C - Plymouth, IN Foster, James A. - Fishers, IN Fox, Gary Allan - Indianapolis, IN Francisco, James R - Indianapolis, IN Frank, Ross M. - Bluffton, IN Franke, Bruce A - Fort Wayne, IN Frazier, Justin R - Lafayette, IN French, Jeffrey Philip - Versailles, IN Friend, Brent A. - Franklin, IN Frisinger, Allan D - Huntertown, IN Fuller, Derek I - Indianapolis, IN

Page 36 Hoosier Surveyor 39-4

For the 2012/2013 Fiscal Year as of April 30, 2013

Furness, Douglas L - Michigan City, IN Gabhart, Phillip S - Loogootee, IN Gann, Randell E - Lansing, IL Garcia, Anthony A. - Maumee, OH Gardner, Mark A - Austin, IN Garrett, Mitchell Randy - Simpson, IL Gaston, David L - Coatesville, IN George, Maxcell R - Battle Creek, MI Gibson, Harold - Greenfield, IN Gibson, William Boyd - Georgetown, IN Gill, James R - Avon, IN Gill, Michael L - Mount Carmel, IL Gillespie, Joe W - Brookville, IN Gobin, Jerry L - Connersville, IN Gosewehr, Gene K - Lebanon, IN Goubeaux, Wesley D - Russia, OH Gouloff, Timothy C - Fort Wayne, IN Graham, Charles D - Bloomington, IN Gray, E. R. - Columbus, IN Gray, Nathan D - Columbus, IN Gregory, Anthony M - Highland, IN Greulich, Adam J - Greenfield, IN Gries, Donald E - Haubstadt, IN Grimes, Nathan R - Sellersburg, IN Gross, Robert W - Lafayette, IN Grumpp, Dennis L - New Palestine, IN Guerrettaz, Bernard A - Bloomington, IN Gustafson, Richard John - Noblesville, IN Gustke, Jeff H - Valparaiso, IN Gwinn, Jess A - Solsberry, IN Hagensee, Thomas E - Elmhurst, IL Haggard, Brian - Martinsville, IN Hahn, Chad - Westfield, IN Hahn, Steven Edward - Evansville, IN Hall, James D. - Sheridan, IN Hall, Michael S - Dillsboro, IN Hanft, Allan L - Indianapolis, IN Hanna, David C - Indianapolis, IN Harner, Ronald L - Berrien Springs, MI Harpel, Reese - Waynetown, IN Harris, Kenneth W - Monroeville, IN Hart, Harold L - Charlestown, IN Hartman, George C - Oldenburg, IN Hathaway, Robert P - Markle, IN Haworth, Robert L - Burnettsville, IN Healy, Matthew R - Indianapolis, IN Hein, Stuart - Evansville, IN Helms, Darren L - Cannelburg, IN Helms, Dennis N - Washington, IN Henderson, Jason R - Tipton, IN Hendricks, Anthony C - Michigan City, IN Hendricks, Charles D - Laporte, IN Hennessey, Mark Sean - Williamsport, IN Hennessy, Kevin J - Princeton, IN

Herceg, Kenneth P. - Granger, IN Herendeen, Douglas K - New Palestine, IN Herendeen, Joseph R. - Huntington, IN Herron, John N - Indianapolis, IN Heshelman, John R - Mooresville, IN Hesler, Jason R. - Indianapolis, IN Hess, Joseph D - McCordsville, IN Hile, Joseph N - Carmel, IN Hinshaw, Benson G - Plainfield, IN Hiselman, Norman H - Avon, IN Hodges, Richard C - Hardinsburg, IN Hoffman, Jacob Thomas - Camby, IN Hoffman, Justin W. - Fort Wayne, IN Hoffman, Nathan D - Shoals, IN Hogston, Clayton J - Indianapolis, IN Holloway, Ross O - Mooresville, IN Homeier, Douglas F - Crown Point, IN Hood, John N - Elwood, IN Horton, Henry B - North Branch, MI Howell, Christopher Brian - Clarksville, IN Hubert, Scott L - Branchville, IN Hudson, Richard L - Valparaiso, IN Huff, Curtis C - Fishers, IN Irr, John B - Lafayette, IN Isaacs, Jonathan M - Vallonia, IN Jackson, Kenneth E - West Baden, IN Jahn, Luke A - Fishers, IN James, Marty J - Solsberry, IN Janovic, Van H - Walkerton, IN Johnson, Kevin M - Indianapolis, IN Johnson, Willard E - Lebanon, IN Jones, Jeffrey T - Miamisburg, OH Jones, Kenneth K. - White Pigeon, MI Jones, Kenneth Kirk - Middlebury, IN Jones, Perry E - Evansville, IN Justice, Ronnie L - New Paris, IN Kamer, John G - Eau Claire, MI Karst, Richard K - Fort Wayne, IN Kaser, Arthur L - Fishers, IN Keil, James H - Hanna, IN Keilman, Raymond H - Crown Point, IN Kelly, Rodney Joe - Westfield, IN Kemper, Richard J. - Syracuse, IN Kendall, Terry A. - Floyds Knobs, IN Kent, Gary R - Noblesville, IN Kesler, Dale Lavern - Edwardsburg, MI Khalil, Hesham - Michigan City, IN Kimpel, John M - Warsaw, IN Kingman, Michael G - Rensselaer, IN Kirkley, Robert P - Delaware, OH Kissel, Gregory A - Fort Branch, IN Kline, Michael C - Auburn, IN Klodzen, Paul E - Fishers, IN Knoy, Matthew M. - Bloomington, IN

Koehne, Steve - Fountaintown, IN Kollak, Anthony M - Cedar Lake, IN Kolosci, Kathy L - Westville, IN Kondy, Jeffrey J - Indianapolis, IN Kovas, James E - Goodrich, MI Kovert, Daniel - Fishers, IN Kracht, Glenn H - Crown Point, IN Kramer, Bradley J - Eaton, OH Kraus, Dennis A - Sunman, IN Krause, Carl J - Piper City, IL Krulik, Kevin D - Lebanon, IN Krull, Kevin A - Hobart, IN Kruse, Dale T - Avon, IN Kuester, Craig A - Fort Branch, IN Kuester, Fred J - Fort Branch, IN Kuethe, David - Milford, OH Kuharic, Joseph M - South Bend, IN Kuhn, Stephan H - Shelbyville, IN Kuns, Clem S - Cutler, IN Kurtz, John R - Columbus, IN Kusmer, W. Robert - Fremont, OH Kyler, William D - Columbia City, IN Lambert, Lawrence R - Frankfort, IN Landstrom, Mark H - Oak Lawn, IL Lang, Terance Dean - Mishawaka, IN Larrison, John - Indianapolis, IN Lauer, David Earl - Indianapolis, IN Lautner, Kevin - Elberfeld, IN Lazar, Edward T - Belding, MI Leek, Danny K - Newburgh, IN Lehr, Richard Alan - Bluffton, SC Lewark, Christopher - Montgomery, IL Lewis, Richard F - Martinsville, IN Lieberg, Brian P - St. Joseph, MI Lietzan, James M - Mishawaka, IN Livingston, Terry - Paoli, IN Loftus, Gary J - Georgetown, IN Logan, Rusty Williams - Logansport, IN Long, Adam W. - Dripping Springs, TX Lounsbury, C. Brian - Park Ridge, IL Luecht, William A - Danville, IN Luse, Frank T - Waynetown, IN Lynch, David K - St. Croix, IN Marbach, Christian F - Edwardsburg, MI Marchese, Paul N - Bartlett, IL Marley, Kelly D - Vincennes, IN Marshall, Stephen L - Clarksville, IN Mason, Donald Gooding - Angola, IN Massa, Peter P - Terre Haute, IN Mast, Duane M - Goshen, IN Maurer, Paul K - Nineveh, IN Maxwell, Steven A - Huntington, IN Mayberry, Kristopher C - Norris City, IL Mcavene, Rick L - Richmond, IN

For the 2012/2013 Fiscal Year as of April 30, 2013

McCarty, William P - Georgetown, IN McCauley, Victor H. - Elizabeth, IN McClintock, Robert L - Paris, IL McConnell, Daryl K - Auburn, IN McCort, Jason N - Franklin, IN McCrea, Christopher - Fort Wayne, IN McGill, Tracy L - Fishers, IN McMahan, Mark T - Shirley, IN McPhail, Richard P - Westfield, IN Meier, David R - Spencer, IN Meyer, Nathan G - Brookville, IN Meyers, Wesley J - Champaign, IL Michel, Kevin R - Columbia City, IN Miller, Brett - Decatur, IN Miller, Jason Jay - Wyoming, OH Miller, Jason - Marion, IN Miller, Randall D - Marion, IN Miller, Richard H - Indianapolis, IN Mills, David K - Jasper, IN Minges, George Stephen - Harrison, OH Mizeur, Michael E. - Sherman, IL Moll, Bryan J - Indianapolis, IN Monies, Jon R - Columbus, IN Moore, Gordon E - Richmond, IN Morgan, Ralph H - Indianapolis, IN Morman, Carol L - Lawrenceburg, IN Morris, Linda A - Greenfield, IN Morrison, Ronald E - Princeton, IN Mosson, Donald R - Brownsburg, IN Mostrom, David W - Sturgis, MI Mote, Richard T - Union City, IN Mullaney, Steven L. - Columbus, OH Mullins, Joseph K - Lexington, KY Murphy, John R - Chicago, IL Murphy, Timothy J - Roselle, IL Muxlow, Tricia - Marlette, MI Myers, James D - Terre Haute, IN Myers, Jeffrey Alan - Indianapolis, IN Mylor, Joseph B - Warsaw, KY Nagel, Michael J - Fort Wayne, IN Nagy, John C - Lafayette, IN Narum, Penny A - Fishers, IN Nawrot, Roger T - South Bend, IN Neal, Mark W - Thorntown, IN Neese, Rodney D - Indianapolis, IN Nelson, Brian D - Westville, IN Newport, Trent E - Greenwood, IN Nick, Randall A - Lafayette, IN Niemeyer, Grant R - Avon, IN Norrington, Darren Ray - Mitchell, IN Northrop, Edward E - Erie, PA Oakley, Jim R - Paoli, IN Ober, Mark A. - Albion, IN Oberst, Daniel C - Rochester Hills, MI

O'Brian, Richard A - Martinsville, IN Olmstead, Dennis D - Greenfield, IN Orr, James A - Fort Wayne, IN Oser, Rachel Anne - Bloomfield, IN Ott, Bradley P - Franklin, IN Owens, Brenda S - Fishers, IN Page, Jason M - Bloomington, IN Palm, Robert D - New Carlisle, IN Palmer, Ralph J - Winchester, KY Pankey, Jon Patrick - Paoli, IN Pappenheim, Shawn C - Crown Point, IN Parker, Brandon A - Loogootee, IN Paul, Alvin L. - Evansville, IN Payne, Buford L - Cincinnati, OH Penturf, David E - Greencastle, IN Perry, Gordon Keith - Lebanon, IN Peters, Joseph P - Munster, IN Peterson, Randell S - Wheatfield, IN Pettitt, William E - Hanover, IN Phillips, Christopher Howell - Franklin, IN Pietrzak, Joseph M - South Bend, IN Plautz, Brian - Itasca, IL Poczekay, Jamie L - Westville, IN Poe, Jay D - Huntington, IN Powell, Jeffery P - Shelbyville, IN Pranger, Rex R - Wolcottville, IN Pusey, Daniel I - West Lafayette, IN Quinn, David B - Indianapolis, IN Radtke, Gary A. - LaPorte, IN Ramsey, Stephen E - Bloomington, IN Raney, Ronald L. - Indianapolis, IN Rayback, Richard G - Indianapolis, IN Rayl, Brian K - Anderson, IN Rector, Shaun P - Bloomington, IN Redash, John N - Washington, MI Reeder, Walter F - Brooklyn, IN Rees, Brian Thomas - Speeedway, IN Reeves, Steve - Avon, IN Renkenberger, Rodney - Kendallville, IN Renkenberger, Ronald M - Laotto, IN Rensberger, William - Chesterton, IN Reynolds, David M - Springfield, OH Richter, Dave - Carmel, IN Richter, Randall - Avon, IN Ridgely, Austin Neil - Parkersburg, IL Ridgway, George S - Bloomington, IN Rinehart, L Edward - Lexington, KY Riney, James R - Owensboro, KY Ring, Michael T. - Oak Park, IL Rismiller, Brian C - Westfield, IN Roberts, Gregory L - Fort Wayne, IN Roeschlein, Stephen - Indianapolis, IN Rosenberger, Mark A - Cleves, OH Rowland, Kevin W - Vincennes, IN

Rozycki, Michael J - Plymouth, IN Ruberry, William C - Harrison, OH Ruckman, David J - New Albany, IN Ruff, Michael E - Angola, IN Saegesser, William A - Jeffersonville, IN Salzbrenner, Chad A - New Haven, IN Sanchez, Gerardo P - Des Plaines, IL Sanford, Jason E - Danville, IN Sauer, John C - Fort Wayne, IN Saul, Keith M - Kokomo, IN Savers, Kevin L - Demotte, IN Schaefer, Bryan T - Seymour, IN Schepers, Mark A - Brownsburg, IN Schmidt, Todd Michael - Austin, TX Schmitt, Nickolas Martin - Noblesville, IN Schnaars, Peter - Goshen, IN Schneider, Brad P - New Palestine, IN Scholle, Andrew P - Greensburg, IN Schwandt, Jay - Rockford, MI Schwenk, David P - Walkerton, IN Scotten, Donn Michael - Indianapolis, IN Seig, Robert G - Sunman, IN Sermersheim, Bret Alan - Evansville, IN Servies, Stephen D - Anderson, IN Sexton, Randolph A - Kendallville, IN Sharp, Joseph A - Camby, IN Sheets, Wayne A - Brownsburg, IN Sherwood, Steven A. - Newburgh, IN Shock, Gregory C - Syracuse, IN Siebern, Christopher M - Lafayette, IN Silnes, John H - Indianapolis, IN Singer, Dennis K - New Palestine, IN Slack, Michelle M - Mishawaka, IN Smierciak, Anthony D - Schererville, IN Smith, Brent L - Indianapolis, IN Smith, Donald R. - Flossmoor, IL Smith, Michael J - Indianapolis, IN Smith, Stephen L - Bloomington, IN Smith, Timothy W - Brandenburg, KY Smith, Troy D - Hobart, IN Smithers, Donna Jo - Greenwood, IN Souder, Jeffrey D. - Pekin, IN Stackhouse, Loren K - Warsaw, IN Stancato, Paul - Diamond, IL Stapleton, Jessica L - Anderson, IN Starr, Todd A - West Lafayette, IN Staton, Robert J - Speedway, IN Steele, William M - Sullivan, IN Stephens, John H - Wabash, IN Stephenson, Roger E - Cassopolis, MI Stephenson, Thomas A - Cassopolis, MI Sterrett, Dennis W - Chalmers, IN Stevenson, Michael W - Fort Branch, IN Stoeppelwerth, David J - Indianapolis, IN

Page 38 Hoosier Surveyor 39-4

For the 2012/2013 Fiscal Year as of April 30, 2013

Sumerford, Scott T - Shelbyville, IN Summers, Travis E - Loogootee, IN Sumner, Kevin C - Indianapolis, IN Suttles, Sean L - Chandlers, IN Sweetland, Edward J - Greenfield, IN Swift, James S. - Crawfordsville, IN Swingley, Ryan C - Fishers, IN Syers, Anthony B - Greenwood, IN Talbott, David W - Indianapolis, IN Tapp, Philip O - Bloomington, IN Taylor, Loralee Armstrong - Lagrange, IN Tazian, Zohrab K - Fort Wayne, IN Teders, Gerald - Garrett, IN Terew, Troy A - Fishers, IN Thate, Steven C - LaPorte, IN Thompson, Charles W - Valparaiso, IN Tibbett, James C - Linton, IN Tiemens, David J - Demotte, IN Timberlake, Reginald G - Sulphur, IN Timble, Nitin V - Granger, IN Titzer, Heath A - Evansville, IN Torrenga, Gary P - Munster, IN Toscani, Anthony J - Hobart, IN Trout, Jefferey M - Danville, IN Tunget, Harold Craig - Pendleton, IN Updike, John L - Fort Wayne, IN Van Wienen, Keith B - Greenfield, IN Vandenberghe, David J - Holt, MI Vermillion, Richard A - Vincennes, IN Vonderheide, Kurt M - Indianapolis, IN Vondra, Martin G - Plymouth, IN Vugteveen, Randal - Hudsonville, MI Vugteveen, Rudy James - Marion, IN Wagoner, Norman O - Sheridan, IN Walker, Nathan J - Cannelburg, IN Wallace, Chad E - Monticello, IL Wallem, Ralph M - Huntingburg, IN Walsko, Frank A - Whiting, IN Walton, Roger A - Iron Station, NC Wannemuehler, Matthew E - Evansville, IN Ward, Richard E - Anderson, IN Warner, Timothy Ray - Indianapolis, IN Watts, Michelle A. - Lafayette, IN Wayman, James R - Norman, IN Weaver, Robert F - Shipshewana, IN Weber, Ryan C - Albion, IN Weiss, Terry W - Rochester, IN West, Donald R - Carmel, IN Wharry, Ronald E - Frankfort, IN White, Eric Christopher - Carmel, IN White, Seth Andrew - Kewanna, IN Wilkinson, Robert W - Shelbyville, IN Williams, Dale Craig - Greenfield, IN Williams, Donald R - Crown Point, IN

Williams, Eric S - Whiteland, IN Williams, Patrick E - West Lafavette, IN Williams, Steven B - Whiteland, IN Wilson, Gary G - Traverse City, MI Wimmer, Donald W - Marion, IN Witte, Dewey L - Carmel, IN Witty, Gary L - Evansville, IN Wolfe, Samuel E - South Bend, IN Wolfe, Timothy G - North Aurora, IL Woo, Daniel R - New Palestine, IN Wood, Lee J - Anderson, IN Wood, Susan M - Zionsville, IN Woodall, Amy E. - Crawfordsville, IN Yake, Austin K - Washington, IN Yatsko, Jeffrey M - Crown Point, IN Zeigler, Scott D - Albion, IN Zimmer, James - Bloomington, IN

LIFE MEMBERS - 56

Anderson, Kenneth W - Bedford, IN Andrews, William S - Valparaiso, IN Arena, Michael D - Bedford, IN Ashton, Haldon L - Muncie, IN Bengel, E Donald - Valparaiso, IN Bigelow, Robert B - Merrillville, IN Biggs, Donald J - Vincennes, IN Bowman, Rex M - Lafayette, IN Brady, Byron M - Elkhart, IN Brower, Charles M - North Webster, IN Buthod, John L - Evansville, IN Crowder, Brian S - Columbus, IN Curtis, Gordon W - Oakland City, IN Curtis, Kenneth S - West Lafayette, IN Dankert, James E - Noblesville, IN Daugherty, Thomas - Greenwood, IN Dickerson, Brian M - Lafayette, IN Gembala, Kenneth D - St. John, IN Gorski, James A - Westville, IN Hall, Jacob E - Indianapolis, IN Hatfield, Ray C - Paoli, IN Hutson, Edward J - Chesterton, IN Irwin, Jack A - Indianapolis, IN Johnson, Orwic A - Columbus, IN Johnson, Robert J - Terre Haute, IN Kramer, Douglas E - Eaton, OH Land, William H - Huntington, IN Manhart, Hershel W - Peru, IN Marlow, Michael J - Highland, IN Martin, Jerry L - Vallonia, IN McNamara, John R - South Bend, IN Miller, Dorman A - Brazil, IN Miller, Leland D - Anderson, IN Milligan, James L - Monticello, IN Minges, George A - Harrison, OH

Morley, James Q - Haubstadt, IN Mostrom, Wayne A - Sturgis, MI Newkirk, Max P - Indianapolis, IN Newport, Thomas L - Walton, IN Nolan, Ronald L - Greenfield, IN Pilz, David L. - Valparaiso, IN Plumb, Donald L - Crown Point, IN Primavera, Paul E - Sellersburg, IN Rayl, Bradley A - Anderson, IN Sandor, Charles - Hammond, IN Schneider, John V - Carmel, IN Smrt, Joseph B - Knox, IN Solliday, Kenneth C - Washington, IN Stanley, Alan G - Greencastle, IN Starr, Colin N - Lafayette, IN Stine, William M - Monticello, IN Vollmer, Robert C - Nashville, IN Whitlock, John W - Indianapolis, IN Wolf, David K - Angola, IN Woodfill, Roger - Lawrenceburg, IN Ziemniak, Chester J - Highland, IN

AFFILIATE MEMBERS - 12

Brendel, Matthew James - Evansville, IN Cherchian, Alex - New Albany, OH Currier, Bill - Greenwood, IN Hartke, Theodore Phillip - Fithian, IL Heywood, Jason - Troy, MI Hurley, David L - Tampa, FL Ingersoll, Merle E - Champaign, IL Jenkins, Debra S - Beech Grove, IN Knochel, Chris - Kentland, IN Manship, Larry E - Marion, IN Warner, Tom J - Cicero, IN Yoho, Michelle E - Bloomfield, IN

ASSOCIATE MEMBERS - 79

Barkocy, Andrew Robert - Indianapolis, IN Beron, Cameron L - Plymouth, IN Block, Brian - Ft. Branch, IN Bodkin, Susan A - Wilkinson, IN Briles, Aaron - Muncie, IN Buergelin, Chris M - Indianapolis, IN Caldwell, William B - Fishers, IN Campbell, James David - Indianapolis, IN Clayborn, Thomas W - Boonville, IN Coughenour, Chad - Greenfield, IN Cozart, James Michael - Noblesville, IN Davis, Michael J - Indianapolis, IN DeArmond, James D - Fort Wayne, IN Ellison, Jimmie L - Indianapolis, IN Faulkner, Melinda - Indianapolis, IN FitzPatrick, Deborah - Indianapolis, IN Frank, Nichole M - Walkerton, IN

For the 2012/2013 Fiscal Year as of April 30, 2013

Fuchs, Jason Alan - Elberfeld, IN Grangier, Raymond A - New Albany, IN Greenberg, Danny A - Indianapolis, IN Greene, Tim R - Indianapolis, IN Griepenstroh, William R - Evansville, IN Haase, Arthur H - Vincennes, IN Hahn, Jarrod M - Keystone, IN Haley, John P - Indianapolis, IN Harris, Nathan D. - Indianapolis, IN Hood, Keith N - Fort Wayne, IN Janneck, Matthew D. - Mooresville, IN Johnson, Gary Tom - Mooresville, IN Johnson, Steven D - West Lafayette, IN Keith, Gordon E - Plainville, IN Kingman, Kerry - Rensselaer, IN Kraus, Dennis A. - Sunman, IN Krull, Stephen R - Hobart, IN Lee, Chris J - Beech Grove, IN Lewallen, Michael - Plymouth, IN Mace, Vern T - Elkhart, IN Manship, Patrick J - Anderson, IN Meeks, Eric L - Scipio, IN Mohid, Donald A. - Indianapolis, IN Murray, Andrew C - College Corner, OH Murray, Brian M - Dyer, IN Myers, Sean M. - Terre Haute, IN Nejman, Patrick - Munster, IN Nugent, Jeff Wayne - Paragon, IN Oprisu, Stevan D - Clayton, IN Perry, Ryan D - Columbus, IN

Polson, Jonathan D - Plainfield, IN Porter, Christopher L - Solsberry, IN Rainey, Brad J - Washington, IN Randall, Alan L - North Vernon, IN Rider, Eric T - Floyds Knobs, IN Sanders, Rik L. - Columbus, IN Schneider, Chase M - North Vernon, IN Seig, Rita Mary - Sunman, IN Sheehan, Timothy F - Terre Haute, IN Shetler, Travis Ray - Mishawaka, IN Shuter, Andrea - Aurora, IN Smale, James Dean - Mitchell, IN Smith, Christopher Arthur - Greenfield, IN South, Gerald - Richmond, IN Stanoch, Brian M - Indianapolis, IN Stone, Robert J - Brownstown, IN Theis, Jason A - Henryville, IN Turay, Shane S. - Buchanan, MI Van Gelder, Boudewijn - W. Lafayette, IN Van Til, George W - Merrillville, IN Ward, Kenton C - Noblesville, IN Warner, Donald - Seymour, IN Wenzel, J Arthur - Lawrenceburg, IN Whiteside, John D - Beech Grove, IN Wilcoxen, Robert A - Indianapolis, IN Wilken, Andrew E - Mooresville, IN Wilson, Michael - Indianapolis, IN Wimmer, Lisa - Marion, IN Wonnell, Nic - Batesville, IN Work, Anthony - Greenwood, IN

Zeigler, Richard E - Walkerton, IN Ziegler, Keith L - French Lick, IN

STUDENT MEMBERS - 10

Critchlow, Brian J - Washington, IN
Fryfogle, Lukas H. R. - Scottsburg, IN
Graves, David Allen - New Richmond, IN
Later, Jonathan Keith - Vincennes, IN
Mathews, Keenan Skyler - Newburgh, IN
Medley, Eric Wayne - Carlisle, IN
Nuckols, Michael John - Crawfordsville, IN
Tapp, Joshua R. - Bloomington, IN
Toth, Mark R. - Dale, IN
Vieck, Logan Charles - Vincennes, IN

HONORARY MEMBERS - 5

Beering, Steven C - West Lafayette, IN Budnick, Charles A - Clinton, MA Klinker, Sheila - Lafayette, IN Rouch, Julian S - Culver, IN Sumpter, Ruthann - Marion, IN

DECEASED May 2012 - May 2013

Harry L. Canmann - Highland Park, IL L. Randolph Compton - Indianapolis, IN Dale L. Grimes - Lafayette, IN Michael Remi Krull - Hobart, IN Eugene L. O'Brien - Madison, IN Michael P. Sheehan - Terre Haute, IN Robert W. Wilkinson - Shelbyville, IN

ISPLS SUSTAINING MEMBERS

Berntsen International, Inc.

P O Box 8670 Madison, WI 53708-8670 Ph: 608-249-8549 http://www.berntsen.com/

Harrison Marker

P O Box 66 Anoka, MN 55303 Ph: 763-421-1445 http://www.harrisonmarker.com/

Positioning Solutions Company

7522 E 39th Street Indianapolis, IN 46226 Ph: 317-542-7673 http://www.1psc.com/

Seiler Instrument

5454 Harrison Park Lane Indianapolis, IN 46216 Ph: 800-533-2280 http://www.seilerinst.com/

Surv-Kap, LLC

P O Box 27367 Tucson, AZ 85726-6356 Ph: 520-622-6011 http://www.surv-kap.com/

Trimble Survey Division

10355 Westmoor Dr., Ste 100 Westminster, CO 80021 Ph: 720-587-4487 http://www.trimble.com/survey/

Page 40 Hoosier Surveyor 39-4

Ashton Land Surveyor, Inc.

325 W. Washington Street Muncie, IN 47305 Ph.: 765-282-5594

Banning Engineering, P.C.

853 Columbia Rd., Suite 101 Plainfield, IN 46168 Ph.: 317-707-3700 www.banning-eng.com

Edward J. Sweetland, PLS

Survey Department Manager

8126 Castleton Road • Indianapolis, IN 46250 p: 317-849-5832 • f: 317-841-4280 • c: 317-443-7812 e: esweetland@B-L-N.com



Phone 812.479.6200 Toll Free 800.423.7411 Fax 812.479.6262 E-Mail mew@blainc.com

MATTHEW E. WANNEMUEHLER, P.L.S.
Principal
Administrator of Engineering/Surveying

BERNARDIN · LOCHMUELLER & ASSOCIATES, INC.

6200 Vogel Road · Evansville, Indiana 47715-4006

ENGINEERING · PLANNING · SURVEYING · ENVIRONMENTAL SERVICES



8450 Westfield Blvd., Suite 300 Indianapolis, IN 46240-5920 T 317.713.4615 F 317.713.4616 E BFS@BFSEngr.com

www.BFSEngr.com



CALVIN B. CASH III, PLS

332 THIRD AVENUE
SUITE 13
JASPER, IN 47546
EVANSVILLE * JASPER

PH: 812.634.5015
FAX: 812.634.5017
CELL: 812.631.8491
CCASH@CASHWAGGNER.COM



Architects + Engineers

Eric C. White, RLS Survey Project Manager ewhite@cripe.biz

3939 Priority Way South Drive, Suite 400 Indianapolis, Indiana 46240 Telephone + Facsimile 317 706 6333 www.cripe.biz



Joseph C. Zwierzynski, P.E. President 2211 E. Jefferson Blvd. South Bend, IN 46615 574,236.4400 574,236.4471 (fax) 574,514.8425 (cell) jzwierzynski@dlz.com www.dlz.com



DONOVAN ENGINEERING

2020 INWOOD DRIVE EXECUTIVE PARK FORT WAYNE, IN 46815

GREG ROBERTS P.L.S. JOHN R. DONOVAN P.E. & P.L.S. FRANCIS X. MUELLER P.L.S.

OFFICE 424-7418

gaiconsultants

David G. Croft, P.L.S. Professional Land Surveyor

158 S. Napoleon Street, Suite 100 Valparaiso, IN 46383 Direct 219,462,1158 ext. 223 T 219.462.1158

F 219.462.0329 www.gaiconsultants.com d.croft@gaiconsultants.com



Ross Holloway, PE, PLS

President

phone: 317.831.7918 800.831.7918 317.831.8255

INDOT

3.2 5.1

P.O. Box 234 Mooresville, IN 46158

Web: hollowayengineering.com



& ASSOCIATES, LLC

Bradley J. Kramer, P.S., L.S. Project Coordinator bradkramer@kramer2000.com

Excellence In People, Service and Solutions

101 N. Barron St. Eaton, OH 45320 937-456-1332

FAX 937-456-6912 www.kramer2000.com 765-935-2696

2009 Chester Blvd. Richmond, IN 47374



Chris F. Marbach

Professional Land Surveyor President

chris@marbachpls.com

Engineering & Surveying Since 1918

3220 Southview Drive ~ Elkhart, Indiana 46514 Phone: (574) 266-1010 ~ Fax: (574) 262-3040 info@marbachpls.com ~ www.marbachpls.com





Paul Maurer

Professional Land Surveyor Indiana

Office - (317) 881-3898 Fax - (317) 881-4099 Mobile - (317) 372-4633 paul@maurersurveying.com

4800 W. Smith Valley Road Suite P Greenwood, IN 46142



Consulting Engineers Land Surveyors Architects Construction Managers

Danny K. Leek, P.L.S.

4800 Rosebud Lane Off: 812-464-9585 Newburgh, IN 47630 Fax: 812-464-2514 Cell: 812-453-0131 Email:DannyL@morleyandassociates.com

http://www.morleyandassociates.com



812-682-3927

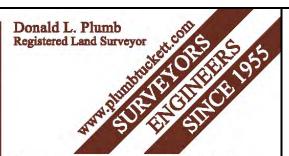
PAUL E. BREEZE SURVEYING

PAUL E. BREEZE REGISTERED LAND SURVEYOR

800 OLD SAND ROAD NEW HARMONY, IN 47631

Page 42 **Hoosier Surveyor 39-4**





Phone (219) 736-0555 • Fax (219) 769-0178 64 West 67th Place • Merrillville, IN 46410 dplumb@plumbtuckett.com

Randall Miller & Associates, Inc.

145 East 3rd Street Marion, IN 46953 765-662-1284 www.rmasurveying.com



Bradley A. Rayl, P.E., P.LS. president

1940 East 53rd Street Anderson, IN 46013

Business: (765) 643-5614 • Fax: (765) 643-1874 Email: rse@netdirect.net **SEA Group, LLC**

494 Gradle Drive Carmel, IN 46032 Ph.: 317-844-3333

www.seagroupllc.com



David Stoeppelwerth, P.E., P.L.S.

ofc: 317.849.5935 dir: 317.849.5935 mbl: 317.577.3402 fax: 317.849.5942 dstoeppelwerth@stoeppelwerth.com president & ceo

7965 East 106th Street Fishers, IN 46038-2505 www.stoeppelwerth.com Design Services Corporation
Engineering and Surveying

John C. Nagy, P.L.S.

105 N. 10th Street Lafayette, IN 47901 www.tbirddesign.com Phone: 765-742-1900 Fax: 765-742-1905 Mobile: 765-479-8320 nagy@tbirddesign.com



Rick Miller, P.L.S. Director of Surveying

engineering - gis - surveying

The Schneider Corporation Historic Fort Harrison 8 901 Otis Avenue Indianapolis, IN 46216

317.826.7132 Direct 866.973.7100 Toll-Free 317.826.7200 Fax

rmiller@schneideroorp.com E-mail www.schneideroorp.com Web

Indianapolis • Lafayette • Carmel • Avon • Merrillville



Tim Coomes, P.L.S.

Manager Survey Department 1625 N. Post Road Indianapolis, IN 46219-1995

Bus. (317) 895-2585 Fax (317) 895-2596 Cell (317) 443-1244 E-mail: timc@ucindy.com

www.ucindy.com

CONSUITANTS engineers & land surveyors Philip D. Beer II, PE, PLS Vice President Business Development	8415 E. 56th Street, Suite A Indianapolis, IN 46216 office (317) 544 4996 fax (317) 544 4997 cell (317) 965 9159 pbeer@usiconsultants.com www.usiconsultants.com	Jones Petrie Rafinski your one single source Kenneth K. Jones, PLS President kenjones@jpr1source.com m. 574.596.9068
Woolper 7635 Interactive W Indianapolis, Ph.: 317-29 www.woolpe	'ay, Suite 100 N 46278 9-7500	

Page 44 Hoosier Surveyor 39-4