

HOOSIER SURVEYOR

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

AFFILIATED WITH THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS, INC.

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ISPLS, INC.



SOUTHWEST CHAPTER OF ISPLS, Inc. BOY SCOUT SURVEYING MERIT BADGE PROGRAM

On October 25, 2014, the Southwest Chapter of ISPLS hosted a Boy Scout Surveying Merit Badge Program for eight Scouts at Eykamp Scout Center.

Those members from the Chapter that participated were: (L to R) Greg Kissel, Bill Clark, Bret Sermersheim, Scott Buedel and Calvin Cash. Story and photos on page 19.

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L to R: Don West, Carmel; Eric Banschbach, Indianapolis; Perry Cloyd, Hope; Bernie Guerrettaz, Bloomington; Chuck Coyle, Columbus; Ron Wharry, Frankfort; Dennis Grumpp, New Palestine; Bryan Catlin, Clayton; and Rich Hudson, Valparaiso. Not pictured: Todd Bauer, Leo; Sean Suttles, Chandler; and Don Williams, Crown Point. Photo provided by Henry Aldridge, Photographic Impressions

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VOLUME 41 • NUMBER 2 • FALL 2014

CONTENTS

<i>Masthead</i>	3
<i>President's Message</i>	4
<i>ISPLS Board of Directors Meeting Highlights</i>	6-9
<i>Board of Registration for Land Surveyors Meeting Highlights</i>	10-12
<i>ISPLS - NSPS Governor / Director Report</i>	14-15
<i>IPLSF - Report to the ISPLS Membership</i>	16
<i>IPLSF - Fundraising Raffle Flyer</i>	17
<i>Southwest Chapter of ISPLS - Boy Scout Surveying Merit Badge Program</i>	19
<i>Legal Surveys</i>	20-21
<i>Indiana-Michigan State Line Commission - Meeting Highlights</i>	22-23
<i>Completed Careers</i>	23
<i>Membership Application</i>	24-25
<i>Firm Members</i>	26-28
<i>ISPLS 2015 Annual Convention Registration</i>	29-40

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.



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PRESIDENT'S MESSAGE

Don West, PS, 2014 ISPLS President



While I don't consider myself a Nicolas Cage fan, I have shared a bowl or two of popcorn while entertained by his character Benjamin Gates in the movie, *National Treasure (I can admit this now that my term is nearing its end)*. Perhaps that's the Surveyor in me, considering all of the storyline references to the past, clues to decipher and analysis of the evidence in order to solve the puzzle. Forget the technology; who wouldn't want a leading role in such a captivating career?

Often with such films, it seems about the time you reach some resolve with the quest suddenly the credits are rolling. Interesting are the similarities to my term as president; just when I'm starting to get the hang of it, the forecast suddenly calls for snow and it's convention time. Fortunately for all of us, the gavel is soon to be passed to very capable hands. Bernie Guerrettaz will preside before the close of convention ceremonies and I am sincerely looking forward to his direction during the upcoming year.

And speaking of the convention, what a celebrated cast has been set for this year's production. Milt Denny, Gary Kent, Kris Kline, Mike Pallamary, Larry Phipps ... I think you get the picture. Hats off to the Northwest Chapter for hosting the 2015 Convention and the job they have done to help deliver another

successful conference.

As we focus on some of the changes this year, one of the more recent involved a change in our by-laws which now provides for electronic voting through the "Members Only" section of the ISPLS website. While votes can still be cast by paper ballot, the new method is much less time consuming, less expensive to process, and additionally saves the voting member the cost of postage; thus a Win-Win-Win in the budget column. While we believed this would lead to an increase in participation, similar to our recent general election it likewise proved to experience low voter turnout. However, despite disappointing box office numbers, the results still produced two thumbs up. Congratulations to Rich Hudson as he begins another term as President Elect in January, a mere twenty years since his last one.

The September BOD meeting was held at Vincennes University and included an update from Bill Clark and Austin Yake on the status and outlook of the Surveying Program. In short, it was evident that the program is continuing to experience challenges, as is our profession; and any dilemma for promoting the program requires little examination in order to solve – it comes from an affiliated source: each of us. As the ISPLS Board serves in an advisory capacity to this program, we continue to be committed and volunteer our support to ensure the program not only continues to produce talented graduates today, but that the legacy endures. I urge you not to wait to be asked to help in this effort; give Bill or Austin a call or e-mail and inquire how you may help. It may simply involve volunteering for a career day in your area or a letter of support for the program – I'm confident they will have a place for you. And the same holds true for the other programs as well. Seek out Tony Gregory, Carol Morman and others at the conference for more information on their volunteer needs.

And let us not forget our legislative efforts. As the midterm elections recently closed, the Indiana General Assembly is soon to kick off in full session. Both Senate and House members have already convened for Organization Day and they will be at top speed by convention time. The Legislative Committee has been working with our lobbyist, Mike O'Brien, in order to position ourselves with familiar faces for ongoing objectives. Stay tuned for more details on HB 1127 (Actions against a surveyor, or Statute of Repose), SB 405 (Underground Utility Facilities), and cooperative efforts with the County Surveyors Association regarding petitions to direct funds to section corner perpetuation from the increase of recording fees. As CEUs are accumulating in January we hope to report more details on these actions.

So now as the time calls for drawing the curtain on another year, I wish to thank each of you for the honor in serving along with you over that time. 2014 did not bring about the fulfillment to all the matters we wished to resolve – but it comes to a close just the same. In the aforementioned movie, Ben Gates discovers the value of the extreme measures connected to the clue – the secret lies with Charlotte. Hopefully the treasures (i.e. marks, references, monuments) we leave behind call for far less time and complexity to uncover.

So until we meet in January – have a safe and Merry Christmas, a Happy New Year – and enjoy your popcorn.

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ISPLS BOARD OF DIRECTORS MEETING HIGHLIGHTS

By Robert “Jason” Coyle, PS, Executive Director

August 9, 2014

The ISPLS Board of Directors met on Saturday, August 9, 2014 at ISPLS Headquarters, Indianapolis, Indiana. President Don West called the meeting to order at 9:00 am EDT. All board members were in attendance with the exception of Bernie Guerrettaz, Sean Suttles, Dennis Grumpp, Todd Bauer, and Tony Gregory, NSPS Director. Others in attendance were Jason Coyle, Executive Director of ISPLS.

President West briefly reviewed the ISPLS Mission and Vision Statement and noted the “Rules of Order” for the meeting. A motion was made by Eric Banschbach and seconded by Perry Cloyd to accept the agenda as adjusted. The motion passed by a voice vote.

The minutes from the June 28, 2014 meeting were reviewed and accepted. A motion was made by Perry Cloyd and seconded by Ron Wharry to accept the Board of Directors’ meeting minutes as amended. The motion passed by a voice vote.

The Treasurer’s Reports were reviewed and narrated by Jason Coyle. Financial reports ending June 30, 2014 were presented for board review. Assets totaled \$241,681.93 as of June 30, 2014. Jason also covered the income and expense report, investment report, budget, and the profit and loss report. There was board discussion regarding the profit and loss report. A motion to accept the Financial Reports was made by Don Williams and seconded by Bryan Catlin. The motion passed by a voice vote.

The Board heard and reviewed the Executive Director’s report. Executive Director Coyle presented a written report and discussed highlights with the board. There was Board discussion on several items. The following information was also discussed as a part of his report: John T. Ellingson, Wisconsin Geodetic Advisor, requested booth space at the 2015 ISPLS Convention. It was decided to extend a convention registration and exhibitor’s booth space to him in return for a seminar presentation on Friday. The Board also discussed the State Geodetic Advisor and the possible changes in the future to a Regional Advisor.

ISPLS Committee reports: Executive Director Coyle gave a report concerning the Publications and Media Committee during his Executive Director’s report. Jason Coyle reported that Tony Gregory, State Trig-Star Coordinator, will have a full report of the State’s Trig-Star activities for the Summer Edition of the Hoosier Surveyor.

Jason Coyle, the Board of Registration Liaison, reported on the Board of Registration for Professional Surveyors meeting that took place on July 25, 2014. During that meeting, the Board of Registration discussed the make-up of the required “27 hours” of surveying courses needed to take the exam and the Professional Surveyor Reference Form. The next the Board of Registration for Professional Surveyors meeting is October 3, 2014. Executive Director Coyle gave a legislative update concerning the statute of repose legislation, the Indiana-Michigan State Line Commission and potential changes to the dig law during his Executive Director’s report.

Eric Banschbach gave a report for the Geodetic Control Workgroup. Eric reported that there is continued work on the State Geodetic Network in the Vincennes and Seymour Districts. One of the reset monuments falls in the Lincoln Boyhood National Memorial property. There was discussion regarding a commemorative disk and/or sign. This could be something for the Foundation to be involved with. Eric also reported that the low-distortion coordinate system development is moving forward.

Rich Hudson, By-Laws Committee Chair, noted that electronic voting and the definition of “In Good Standing” will be reviewed by the committee – they are gathering additional information at this time. Three members from the current Board of Directors agreed to be included with the slate of nominees for upcoming President-Elect election. Those names will be sent to the Nominations Committee.

Frank Walsko, Chair of the Young Professionals, send a report detailing the committees progress. Frank is seeking ideas and direction from the ISPLS Board of Directors. Don West, Chair for the Facilities Committee, noted that the committee continues to conduct online searches of potential office space. The current lease ends June of 2015.

(Continued on page 7)

(Continued from page 6)

Chuck Coyle, IPLS Foundation Liaison, gave a verbal report. Chuck stated the foundation met on July 21, 2014 at ISPLS Headquarters. The Foundation has decided not to be involved with the Clayton Hogston "original survey notes and plats" project. There was Board discussion regarding the questionnaire results from which the foundation decision was made. Chuck noted the total assets value of the foundation is \$265,781.19. Scholarships were awarded to two students from Purdue University Calumet. Foundation is considering the creation of a logo. Next foundation meeting will be in August 19, 2014.

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

Next ISPLS Board meeting will be September 13, 2014 at 10:00 am EDT at Vincennes University. The meeting adjourned at 1:37 pm EDT.

September 13, 2014

The ISPLS Board of Directors met on Saturday, September 13, 2014 at Vincennes University, Vincennes, Indiana. President Don West called the meeting to order at 10:16 am EDT. All board members were in attendance with the exception of Don Williams, Todd Bauer, Ron Wharry, and Tony Gregory, NSPS Director. Others in attendance were Jason Coyle, Executive Director of ISPLS; Bill Clark, Vincennes University Professor; Austin Yake, Vincennes University Professor; Kevin Rowland, ISPLS Member; and Frank Wal-sko, Northwest Chapter President.

President West briefly reviewed the ISPLS Mission and Vision Statement and noted the "Rules of Order" for the meeting. A motion was made by Chuck Coyle and seconded by Perry Cloyd to accept the agenda as adjusted. The motion passed by a voice vote.

The minutes from the August 9, 2014 meeting were reviewed and accepted. A motion was made by Perry Cloyd and seconded by Chuck Coyle to accept the Board of Directors' meeting minutes as amended. The motion passed by a voice vote.

The Treasurer's Reports were reviewed and narrated by Dennis Grumpp. Financial reports ending August 31, 2014 were presented for board review. Assets totaled \$297,627.29 as of August 31, 2014. Dennis also covered the income and expense report, investment report, budget, and the profit and loss report. There was board discussion regarding the profit and loss report concerning membership renewals. A motion to accept the Financial Reports was made by Bryan Catlin and seconded by Sean Suttles. The motion passed by a voice vote.

The Board heard and reviewed the Executive Director's report. Executive Director Coyle presented a written report and discussed highlights with the board. There was Board discussion on several items. The following information was also discussed as a part of his report: It was noted that the "Articles of Incorporation" for the State Society and the Foundation were renewed. It was also noted the License Exam Review will be October 4, 2014 by Glen Boren and Tony Gregory.

ISPLS Committee reports: Executive Director Coyle presented the application for "Life Member" for Ronald Renkenberger. A motion was made by Chuck Coyle and seconded by Dennis Grumpp to approve the application. The motion passed by a voice vote with a "nay" vote by Bernie Guerrettaz.

Jason Coyle, the Board of Registration Liaison, reported that the next the Board of Registration for Professional Surveyors meeting is October 3, 2014. Executive Director Coyle gave a legislative update concerning the statute of repose legislation, the Indiana-Michigan State Line Commission and potential changes to the dig law during his Executive Director's report. Jason further reported that ISPLS Lobbyist Mike O'Brien left Bose Government Affairs Group and is now with Barnes Thornburg. O'Brien is putting together a contract to continue with ISPLS. There was board discussion.

Eric Banschbach gave a report for the Geodetic Control Workgroup. Eric reported that the committee met on September 8, 2014. Committee received an update from the consultants on the monument re-set for the State Geodetic Network. The Committee is working on the naming of the "Indiana Geo-Spatial Coordinate System". The reset of the monument that falls in the Lincoln Boyhood National Memorial has received approval. There was discussion regarding a "commemorative" disk or plaque for the re-set monument. Dr. Van Gelder will prepare the "history" of the State Geodetic Advisor position.

(Continued on page 8)

(Continued from page 7)

Jason Coyle reported that Education Committee had approved the following presentation: Gary Kent's presentation for the Hoosier Hills Chapter Seminar; and Jim Swift's presentation entitled Stone Hunters for the Central Indiana Chapter meeting). Jason Coyle presented Bill Clark with the new Vincennes University - Peggy Archer Memorial Scholarship recipient plaque.

Rich Hudson, Chairman of the By-Laws Committee, and Jason Coyle gave an update concerning the revisions to the ISPLS By-Laws on "Electronic Voting." A written amendment to the By-Laws was distributed based on committee recommendation. There was Board discussion. A motion was made by Rich Hudson and seconded by Eric Banschbach to approve the By-Law's Committee recommendation as amended on "electronic voting." The motion passed by a show of hands by the eight Board members in attendance.

Mark Gardner, Chair for the Nominations Committee, presented the slate of nominees for the 2015 President-Elect election and they are as follows: Todd Bauer, Ron Wharry and Rich Hudson. A motion was made by Perry Cloyd and seconded by Bernie Guerrettaz to accept the committee's recommendation. The motion passed by a voice vote. Frank Walsko, Chair for the Young Professionals Committee, gave a verbal report concerning the committee.

Chuck Coyle, IPLS Foundation Liaison, gave a verbal report. The Foundation met on August 18, 2014 at ISPLS Headquarters. There was discussion regarding establishing a Memorandum of Understanding with the Chapters with the ability to have the Chapters place investments with the Foundation's investments. Chuck noted the total assets value of the foundation is \$272,412.25. Next foundation meeting will be in September 15, 2014.

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

The remainder of the meeting was centered on a presentation from Bill Clark and Austin Yake concerning the status of the surveying program at Vincennes University. Each year the ISPLS Board acts as an Advisory Committee to the program and makes recommendations and suggestions for improvement. This is also a great time for Board Members to become more familiar with the program. The Board prepares a formal recommendation letter to the university based upon what they hear from the professor and group discussion.

Next ISPLS Board meeting will be October 25, 2014 at 9:00 am EDT at ISPLS Headquarters. The meeting adjourned at 2:38 pm EDT.

October 25, 2014

The ISPLS Board of Directors met on Saturday, October 25, 2014 at ISPLS Headquarters, Indianapolis, Indiana. President Don West called the meeting to order at 9:02 am EST. All board members were in attendance with the exception of Dennis Grumpp, Ron Wharry, and Tony Gregory, NSPS Director. Sean Suttles attended the meeting via a conference call. Others in attendance were Jason Coyle, Executive Director of ISPLS; and Doug Herendeen, ISPLS Convention Coordinator.

President West briefly reviewed the ISPLS Mission and Vision Statement and noted the "Rules of Order" for the meeting. A motion was made by Todd Bauer and seconded by Chuck Coyle to accept the agenda as adjusted. The motion passed by a voice vote with a "nay" vote from Perry Cloyd.

The minutes from the September 13, 2014 meeting were reviewed and accepted. A motion was made by Eric Banschbach and seconded by Chuck Coyle to accept the Board of Directors' meeting minutes as amended. The motion passed by a voice vote.

The Treasurer's Reports were reviewed and narrated by Jason Coyle. Financial reports ending September 30, 2014 were presented for board review. Assets totaled \$298,808.83 as of September 30, 2014. Jason also covered the income and expense report, investment report, budget, and the profit and loss report. There was board discussion regarding the profit and loss report regarding membership renewals. A motion to accept the Financial Reports was made by Todd Bauer and seconded by Bryan Catlin. The motion passed by a voice vote.

(Continued on page 9)

The Board heard and reviewed the Executive Director's report. Executive Director Coyle presented a written report and discussed highlights with the board. There was Board discussion on several items. The following information was also discussed as a part of his report: It was noted that the Internal Revenue Service had approved the "Group Exemption Letter" for the Chapters. The Chapters must file a 990-N e-postcard with the IRS by November 15, 2014 for year 2013/2014. There was Board discussion concerning proposed amendments to Indiana's Dig Law.

There was a unanimous approval by the Board Members via e-mail of the new contract with Barnes and Thornburg to continue to have Lobbyist Michael O'Brien represent ISPLS.

Doug Herendeen gave a report concerning the 2015 Annual Convention. He presented the final convention education program for review and discussed the convention in general.

ISPLS Committee reports: Executive Director Coyle reported that the 2014-2015 Trig-Star Exam is available and encouraged members to begin to contact schools. Jason Coyle, the Board of Registration Liaison, reported on the Board of Registration for Professional Surveyors meeting that took place on October 3, 2014. During that meeting, the Board of Registration continued their discussion of the make-up of the required "27 hours" of surveying courses needed to take the exam and a draft of the amended Professional Surveyor Reference Form was available. The next Board of Registration for Professional Surveyors meeting is January 30, 2015.

It was noted that Tony Gregory, Indiana's NSPS Director/Governor, had just returned from the NSPS Fall Meeting and would provide a full report at the next meeting. Eric Banschbach gave a report for the Geodetic Control Workgroup. Eric reported that the Height Modernization project is moving along. The Committee received an update from the consultants on the "Indiana Geo-Spatial Coordinate System". The reset of the monument that falls in the Lincoln Boyhood National Memorial has been completed – they are still working towards a commemorative sign.

Executive Director Coyle gave a legislative update concerning the statute of repose legislation, the Indiana-Michigan State Line Commission and potential changes to the dig law during his Executive Director's report.

Jason Coyle reported that Education Committee had approved the presentations for the 2015 ISPLS Annual Convention. There was Board discussion concerning proper protocol for dealing with unprofessional conduct during ISPLS seminars.

The following names have already requested to be included in the slate of nominees for the 2015 ISPLS Board of Directors election: Don Williams, Eric Banschbach, and Jim Tibbett. These names will be passed on to the Nomination Committee. An e-mail will be sent out to the membership asking for additional nominees.

Chuck Coyle, IPLS Foundation Liaison, gave a verbal report. The Foundation met on October 6, 2014 at ISPLS Headquarters. There was discussion regarding establishing a Memorandum of Understanding with the Chapters with the ability to have the Chapters place investments with the Foundation's investments. Next foundation meeting will be November 17, 2014.

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

Don West presented a draft of the ISPLS – Vincennes University Advisory Committee report for review. There was Board discussion and a few further suggestions to the report. Don will revise the report and forward onto Bill Clark. Jason Coyle and Rich Hudson gave an update concerning the Indiana-Michigan State Line Commission. There was Board discussion. Rich Hudson will attend the November Commission meeting on behalf of the ISPLS Board. The Board reviewed and discussed the draft language for the proposed Statute of Repose for surveyors. The Board recommended a few revision to the draft language.

Next ISPLS Board meeting will be December 6, 2014 at 9:00 am EDT at ISPLS Headquarters. The meeting adjourned at 1:52 pm EST.

BOARD OF REGISTRATION FOR LAND SURVEYORS

MEETING HIGHLIGHTS - OCTOBER 3, 2014

By Robert "Jason" Coyle, PS, Executive Director

The Board of Registration for Professional Surveyors met Friday, October 3, 2014, at 8:00 am EDT. The meeting was held at Indiana Government Center South, 402 W. Washington Street, Conference Room 1, Indianapolis, Indiana. The Board reviewed licensure applications from 8:00 am until 8:44 am, however the meeting was officially called to order at 8:32 am. All Board members were in attendance with the exception of Ross Holloway and John Stephens. A motion was made by Mike DeBoy and seconded by Doug Lechner to adopt the agenda as amended. The motion passed with a voice vote.

The Board heard a report from Natalie Stidd, Deputy Attorney General. She 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	16	16
2014	10	17	4
Complaints Currently Open as of October 2, 2014			23
Average Age of Open Complaints: 5.19 months			
Date of Oldest Open Complaints: July 23, 2013			

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	1	4
2014	5	1	4
Cases Currently Open as of October 2, 2014			2
Average Age of Open Cases: 9.6 months			

Action Taken	2011	2012	2013	2014
Admin Complaints Filed	0	5	1	0
Cease & Desist Orders Filed	0	1	0	0
Summary Suspensions Filed	0	0	0	0
Civil Litigation	0	0	0	0
Judicial Review	0	1	0	0

(Continued on page 11)

(Continued from page 10)

At 8:51 am EDT, the Board continued with the Personal Appearance of James Barton, Jr. concerning the reinstatement of his Professional Surveyor license which had expired over three (3) years ago. Apparently, Mr. Barton had a tax obligation to the State of Indiana – Department of Revenue prior to the license renewal period for July 2010. As such, the Department of Revenue placed a hold on any renewal towards his license until the obligation was paid. In December 2010, Mr. Barton attempted to renew his license. The December 2010 renewal was never processed since there was a hold on his license. In July 2012, Mr. Barton called the Professional Licensing Agency to inquire about renewing his expired/on hold license; however there was no attempt to renew. In August 2014, Mr. Barton paid the tax obligation to the State of Indiana – Department of Revenue through the closing of a real estate transaction. With the hold removed from his license, Mr. Barton is seeking reinstatement of his license. There were several minutes of Board discussion concerning the timeline of events that had transpired and the validity of the survey work performed while his license was expired. Gary Kent made a motion to reinstate Mr. Barton license and to refer the unlicensed practice to the Attorney General’s Office for an investigation. The motion was seconded by Mike DeBoy and passed with a voice vote.

The Board continued with an Administrative Hearing in the Matter of the Application for Nicholas Jarret at 9:25 am EDT. The hearing was in regards to a Petition of Review for Denial of Application, Cause Number SBRLS 14-05. The Board had reviewed Mr. Jarret’s application for Professional Surveyor and denied it based upon his work experience. Mr. Jarret had the required number of years of experience, but failed to properly convey on his application that he had obtained at least 60% of his land surveying experience with those activities listed within Indiana Code 25-21.5-1-7(b)(4) through IC 25-21.5-1-7(b)(7). Mr. Jarret presented additional information and evidence concerning his work experience during the hearing. Upon conclusion of the hearing and further Board discussion, a motion was made by Gary Kent and seconded by Doug Lechner to approve Mr. Jarret’s application and allow him to sit for the exam. The motion passed with a voice vote. It should be noted that Gary Kent mentioned that the “Verification of Reference for Registration as Land Surveyor” form is unclear and ambiguous.

At 8:46 am EDT, the Board continued with an Administrative Hearing in the Matter of the Application for Stuart C. Eddy. The hearing was in regards to a Petition of Review for Denial of Application, Cause Number SBRLS 14-07. Similar to the above hearing, the Board had reviewed Mr. Eddy’s application for Professional Surveyor and denied it based upon his work experience. Mr. Eddy had the required number of years of experience, but failed to properly convey on his application that he had obtained at least 60% of his land surveying experience with those activities listed within Indiana Code 25-21.5-1-7(b)(4) through IC 25-21.5-1-7(b)(7). Mr. Eddy presented addition information and evidence concerning his work experience during the hearing. Upon conclusion of the hearing and further Board discussion, a motion was made by Rich Hudson and seconded by Mike DeBoy to approve Mr. Eddy’s application and allow him to sit for the exam. The motion passed with a voice vote.

The Board continued with an Administrative Hearing in the Matter of the Application for Douglas Chinn. The hearing was in regards to a Petition of Review for Denial of Application, Cause Number SBRLS 14-06. The Board had previously reviewed Mr. Chinn’s application for Professional Surveyor and denied it based upon it not meeting the minimum educational requirements for mathematics and science subjects. Mr. Chinn was not in attendance for the meeting. The Board members further reviewed his application and petition letter and after much discussion determined he still did not meet the minimum educational requirements. A motion was made by Rich Hudson and seconded by Doug Lechner to dismiss the petition. The motion passed with a voice vote.

After a short break, the Board continued with Probationary Reports for J. Bernard Feeney, Michael Sadlon, Ronald Morrison, and Stephen Williams. There was substantially nothing to report concerning these individuals since they had not prepared any surveys.

The Board discussed the applications that were reviewed and reported as to whether they were approved or denied. The following applications were approved:

1. Neal Balah – Surveyor Intern
2. Jason Gustafson – Professional Surveyor by Comity
3. Amy Bernicken – Professional Surveyor by Comity

The Board discussed the continuing education application for Red Vector Online Education for Design and Construction. A motion was made by Gary Kent and seconded by Doug Lechner to deny the first ten (10) courses and accept the eleventh (11th) course. The motion passed with a voice vote.

(Continued on page 12)

(Continued from page 11)

The Board then turned their attention to the discussion items on the agenda. The Board had a discussion that was led by Gary Kent concerning rule changes and seeking approval for those through the Governor's Office. The "Rule Change" pertaining to the twenty-seven (27) semester credit hours in college level surveying courses. The change would not require any additional credits, but would rather redefine what topics would need to be included in the coursework. The proposed draft language included "Control surveying including GPS" and "Geographic information systems (GIS)." Gary Kent also led a discussion concerning the revised reference forms that accompany an application for registration as a Professional Surveyor. Gary passed out a draft and discussed the changes with the Board.

The Professional Licensing Staff led a discussion concerning the application review process and the Surveyor Intern application termination process as described in the Indiana Administrative Code.

Doug Lechner discussed a task force that National Council of Examiners for Engineering and Surveying (NCEES) has assembled to tackle the following charges: 1) evaluate the surveying profession and give suggestion to NCEES for improving the interest of the profession among young people and 2) to determine whether or not the state specific exam can move towards computer-based testing.

The Board then voted for the Officers for the Board, which are as follows:

Chairperson: Christine Arnold; Vice-Chairperson: Ross Holloway; Board Liaison: Gary Kent

After realizing they had skipped the adoption of the minutes from July 25, 2014 meeting, the Board tabled them until the next meeting.

The meeting adjourned at 12:32 am EDT. The next scheduled meeting is Friday, January 30, 2014 at 9:00 am EST at Indiana Government Center South, 402 W. Washington Street, Room W064, Indianapolis, Indiana 46204.

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How NSPS benefits members/ the profession:

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- US Congress
- Federal Agencies
- Assistance on state specific matters (if requested)
- Other geospatial organizations
 - International Federation of Surveyors (FIG)
 - Coalition of Geospatial Organizations (COGO)

Education

- ABET-Lead Society for surveying/geomatics program evaluation for accreditation
- Scholarship Program – 15 annual awards

Licensing/Standards

- NCEES – Participating Organizations Liaisons Council (POLC)
- ALTA/ACSM Land Title Survey Requirements
- NSPS Model Standards

Outreach Opportunities

- Trig-Star
- Boys Scouts Surveying Merit Badge
- National Surveyors Week

Certification Programs

- Reduced rates for Certified Survey Technician Program
- Hydrographic Certification opportunities

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ISPLS - NSPS GOVERNOR / DIRECTOR REPORT

Report concerning the NSPS Fall 2014 Meetings from Tony Gregory, Indiana NSPS Governor/Director

The NSPS Fall 2014 meetings were held at the Sheraton Overland Park Hotel in Overland Park, Kansas from October 22 until October 24, 2014.



The Great Lakes Council met on Wednesday, October 22. Discussion items included:

- A report on various NSPS Policy Changes
- The NSPS Strategic Plan – update on final plan which will be up to vote at Board of Governor’s Meeting
- Discussion on implementation of NSPS Speakers Group that was approved by Board of Directors at Spring 2014 meeting
- Motion to bring forward a proposal to the Board of Governors to create an area on the NSPS website to publish Public Relations items and projects
- Motion to bring forward a proposal to the Board of Governors to create a Public Relations Award
- Motion to bring forward a proposal to the Board of Governors a Minimum Educational Requirement for licensure as a land surveyor
- Motion to bring forward a proposal to the Board of Governors to allow for the creation of an NSPS On-Line Journal

The NSPS Board of Governors met on Wednesday, October 23, and the NSPS Board of Directors met on Thursday, October 24. Some notable items presented during the reports, and motions passed included:

- US Representative Kevin Yoder (Kansas) made a presentation to the Board of Governors.
- Report from Curt Sumner, NSPS Executive Director
 - ◊ State of Society is “good”
 - ◊ Texas has approved MOU for 100% membership. Colorado has polled its state members and reported 80% in favor of 100% membership
 - ◊ NCEES relationship with NSPS is growing. NCEES created a packet for Trig-Star and will be sending postcards to math teachers from middle school up promoting the program
 - ◊ NSPS Student Competition is now open to 2-year programs
 - ◊ NSPS 2015 Conference being planned for April 12-15 in Washington DC area
 - ◊ NSPS 2015 Fall Meetings being planned October 8-10 in Sandusky, Ohio
- NSPS Budget – John Fenn, NSPS Treasurer, reported the following:
 - ◊ The NSPS budget is “in the black”.
 - ◊ Promoted the NSPS CST Program, which is growing.
 - ◊ Noted that with the Texas MOU approved, NSPS membership is up to over 16,000.
- NSPS Government Affairs – NSPS Lobbyist John Palatiello, along with NSPS Joint Government Affairs member Joe Dolan, reported the following:
 - ◊ Regarding NSPS membership on Council on Federal Procurement of Architectural and Engineering Services (COFPAES) – The cost to continue participation likely to increase due to other groups pulling out. A straw vote of Governors/Directors showed overwhelming support for continuing participation.
 - ◊ NSPS has formed a subcommittee to prepare a White Paper regarding surveyors involvement in Underground Infrastructure Location (note that Indiana’s current issues with this system was presented for consideration by subcommittee)
 - ◊ Government Affairs Report is available on NSPS website
- The following motions and actions were discussed and passed:
 - ◊ NSPS National Continuing Education Speaker and Topics Database (formed at April 2014 meeting) was assigned to the NSPS Education Committee
 - ◊ A motion was passed to have the NSPS Membership Committee review the inclusion of Affiliate groups for voting seats on the NSPS Board of Directors.
 - ◊ A motion was passed to allow NSPS membership to CST participants
 - ◊ A motion was passed to create the Geodetic Certification Program
 - ◊ A motion was passed to create an area on the NSPS website to publish Public Relations items and projects
 - ◊ A motion was passed to create a Public Relations Award

(Continued on page 15)

(Continued from page 14)

- ◇ A motion was passed to adopt an NSPS Policy on the Minimum Educational Requirements for licensure as a land surveyor, as follows:
 - ◆ Replace the existing NSPS education policy with the following language: “The official position of the National Society of Professional Surveyors shall be that a Bachelor’s Degree in Surveying, Surveying Engineering, or Surveying Engineering Technology be the minimum educational requirement for licensure as a Land Surveyor in all jurisdictions.”
- ◇ A motion was passed to allow for the creation of the Journal of Applied Geomatics (charged to NSPS Education Committee)
- ◇ A motion was passed that states “A member designated by the NSPS Board of Directors or elected by the NSPS Membership will provide to NSPS staff, within a 30 day period after the bi-annual meetings, a summary of the meeting and a copy of all final approved motions to be disseminated to all State Executives, NSPS staff, Governors, Board of Directors and EXCOM members.
- ◇ A motion was passed to accept the NSPS Strategic Plan
- ◇ A motion was passed to split the NSPS Secretary/Treasurer’s office into two separate offices
- ◇ A motion was passed to amend the NSPS Bylaws to change the number of NSPS Directors to be appointed to the EXCOM Committee from two to four
- ◇ A motion was passed to amend the NSPS Bylaws by removing all references and language relating to the position of Area Director from the entire NSPS Bylaws document.
- ◇ A motion was passed to amend the NSPS Bylaws by removing Article VII (Board of Governors) in its entirety, as well as all other references to the BOG and the BOG Chairman and BOG Secretary from the entire NSPS Bylaws document.
- ◇ A motion was passed to approve a Memorandum of Understanding between NSPS and Professional Surveyors of Canada



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INDIANA PROFESSIONAL LAND SURVEYORS FOUNDATION, INC.

Report to the ISPLS Membership - November 21, 2014

The following is a recap of activities by the IPLS Foundation since last reporting:

- I. The Board is developing a process for a Foundation logo design contest by which members can submit their design ideas for consideration. The board will select up to five of the submitted designs for final vote by the membership at the convention. The winning design will be awarded a monetary award. Details of the submittal process will be forthcoming in an email blast.
- II. The Board has finalized discussions related to raffle prizes and is currently in the process of purchasing the selected items. This year the raffle prizes will be a shotgun, a gift card for a bed and breakfast getaway including spending money, an Apple iPad, a GoPro3 camera, and last chance prizes as well.
- III. The Board is currently discussing opportunities to participate in Indiana Home Show events to promote the profession of land surveying and provide information on the benefits of utilizing the products and services of Indiana Professional Surveyors. Items in discussion include the acquisition of booth displays and development of handout material.
- IV. The Board has been continuing with the development of a Memorandum of Understanding between the Foundation and ISPLS Chapters related to providing the Chapters an opportunity to create endowments for the purposes of future scholarship awards. The Board is currently finalizing the language of the MOU for presentation to any interested Chapter.
- V. The Board currently has no active grant requests for consideration. I would encourage any of our membership with worthwhile ideas that would promote the growth and development of the Surveying Profession in the State of Indiana to put your idea to paper and submit a request. The foundation is there to assist by providing scholarships, grants and/or financial partnering. Grant Application Forms are available upon request.



And remember, members or anyone for that matter can make a tax-deductible contribution to the foundation at any time. Contributions can be made online through the ISPLS website with Visa, MasterCard, or Discover debit/credit card. Additionally, contributions can be made by check and sent directly to the foundation.

We would also welcome suggestions for fundraising ideas and financial partnering opportunities. Feel free to contact any of the Board members for questions or additional information.

The next scheduled meeting of the Foundation is Dec. 15.

Respectfully submitted,

Eric Banschbach, Board President

IPLS FOUNDATION, INC. • 3RD ANNUAL FUNDRAISING RAFFLE

The success of the IPLS Foundation Fundraising Raffle has been so great that we have to do it again. The **Indiana Professional Land Surveyors Foundation, Inc.** (IPLSF) will be conducting its 3rd Annual Fundraising Raffle during the 2015 ISPLS Annual Convention held January 14-16, 2015 at the Indianapolis Marriott East. This Fundraising Raffle will assist the IPLSF with its mission of promoting growth and development of the Surveying Profession in the State of Indiana by providing scholarships, grants and financial partnering.

This raffle will include four remarkable prizes with a combined total value of over \$3,000. The **First Prize** is a **Franchi Instinct SL 12 Gauge Over/Under Shotgun**. The **Second Prize** is **BedandBreakfast.com** and **Visa Gift Cards** valued at \$575.00. The **Third Prize** is a 64GB Apple iPad Mini3. The **Fourth Prize** is a GoPro HERO3 Camera. In addition for this, there will be several surprise "last chance" prizes.



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Raffle tickets will be sold for \$5 each or 5 tickets for \$20. Tickets will be available before and during the convention from designated registered workers on behalf of the IPLS Foundation. The raffle drawing will take place after the keynote speaker's address during Friday's lunch of the convention, January 16, 2015. Each prize will have its own separate drawing - therefore you will place your tickets in the bin or bins that corresponds to the prize or prizes your wish to win. The First Prize winner must be a person that can legally possess a firearm.

Everyone is welcome to participate in the fundraising raffle. This includes, but not limited to, members of ISPLS, their family and friends, supporters and practitioners of the land surveying profession. Those participating in the raffle are not required to be present to win the 4 main prizes, although certainly encouraged, however you must be present for an opportunity to win items in the "last chance" drawings.

Contact Jason Coyle, ISPLS Executive Director, at execdir@ispls.org or 317-888-4400 for more information and details on how you can participate.

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SOUTHWEST CHAPTER OF ISPLS - BSA SURVEYING MERIT BADGE

Photos and captions provided by Greg Kissel, PS, Southwest Chapter Past-President

After several months of planning, the Southwest Chapter of ISPLS hosted their first Boy Scout Surveying Merit Badge Program on October 25, 2014. The event was held at the Eykamp Scout Center in Evansville, Indiana. A permanent traverse course was established at the Eykamp Scout Center in November of 2013. The Vincennes University - Surveying Department, Cash Waggner & Associates, Lochmueller Group, and Landmark Surveying Company Inc. provide the monetary donations needed to purchase the monuments and materials necessary to establish the course. The monuments for the course were set and properly measured by Greg Kissel, PS, of Kissel Land Surveying, Bret Sermersheim, PS, of Morley & Associates and Sean Suttles, PS, of the Lochmueller Group. Eight Scouts completed the requirements for the Surveying Merit Badge on October 25, 2014. They were successful in doing so with the assistance of the following Southwest Chapter Members: Greg Kissel, Bill Clark, Bret Sermersheim, Scott Buedel and Calvin Cash.

In May of 2014, the Southwest Chapter had a booth at the "2014 Ideal Year of Scouting" in Evansville which promoted the Surveying Merit Badge, the Surveying Profession, and the Vincennes University Surveying Department to the several hundred Scout Leaders in attendance. Having a presence at the "2014 Ideal Year of Scouting" event helped boost awareness of the Surveying Merit Badge and the Surveying Profession.



Bill Clark, PS, Vincennes University Surveying Professor and Southwest Chapter Member, discusses surveying with the scouts in attendance.



Greg Kissel, PS, Kissel Land Surveying and Past-President of the Southwest Chapter, explains to the Scouts how to properly operate a total station for use in their traverse.



Scott Buedel, PS, Cash Waggner & Associates and Southwest Chapter Member, explains how level circuit notes are kept in the field book.



Calvin Cash, PS, Cash Waggner & Associates, and President of the Southwest Chapter, looks over the shoulder of two scouts completing their plat of survey.

LEGAL SURVEYS

Bryan F. Catlin, PS

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.

Duneland Properties, LLC, Duneland Sand, Inc., Duneland Sand Enterprises, LLC, Duneland Holdings, LLC, David Lasco and Lasco Family Trust vs. Northern Indiana Public Service Company, Indiana Court of Appeals Case No. 56A03-1308-PL-320, July 30, 2014

This is an appeal from the Newton Superior Court (formerly from the Porter Superior Court) of a case where Northern Indiana Public Service Company (NIPSCO) has held a 100 foot wide easement in Porter County since 1955. The easement is occupied by a 138,000 volt transmission line between substations near Crown Point and Valparaiso. The easement passes along the southern edge of a 374 acre tract which is used to mine sand.



In 1999, the property owner wished to remove sand near the easement. A NIPSCO engineer determined that the cost to move the lines to accommodate the owners request was approximately \$125,000. Sand excavation did not begin at that time.

After the creation of business entities in 2000 to operate a sand mining business, sand was removed from the tract as well as the easement area over several months. In June of 2003, NIPSCO sent a cease and desist letter to stop sand mining on their easement. The excavation encroached along about 2,200 feet of the easement and compromised the integrity of four structures and made it unsafe or impossible to access those structures with equipment. An August 2003 NIPSCO estimate to move the lines was now \$155,389.

Although mining stopped in the easement following the letter, it resumed in 2006 because the sand was “too valuable”. Ownership changes as well as the creation of differing entities took place before and during the proceedings which began when NIPSCO filed a complaint for a permanent injunction in October 2007. NIPSCO asked that the defendants be responsible for fill and moving fill per NIPSCO specifications around their towers as well as be permanently enjoined from encroaching upon or damaging NIPSCO’s property interests in the easement. After other proceedings, in February 2011 the trial court ordered that the Duneland Entities were permanently enjoined from encroaching in NIPSCO’s easement. After settlement discussions, the court ordered that NIPSCO would relocate the easement in August 2011 with the court to later determine cost of remediation and the allocation of those costs. In April 2013, a NIPSCO civil engineer testified that the costs of relocating the lines onto the new easement were estimated at \$245,858. In May 2013 the court found NIPSCO had not failed to mitigate damages by failing to protect the easement because they had proposed moving the easement as restoring the existing easement would have cost \$2.7 million. The court ordered the owner execute a new easement, deliver it to NIPSCO within 10 days and pay \$245,858 for reconstruction. NIPSCO was given a lien for that amount against the entire sand mine property. The Duneland Entities appealed.

On appeal, the Duneland Entities argued that NIPSCO is barred from relief because they did not mitigate damages and that the court erred in entering the material and labor estimates to relocate the lines into evidence because it is hearsay.

The Appeals Court agreed with the trial court that NIPSCO did mitigate its damages. NIPSCO was legally entitled to have the topography in its existing easement remediated and instead proposed a less costly alternative, and an agreed upon order states that. The Appeals Court also believed that Duneland was confusing mitigation of damages with laches (the legal doctrine that a legal right or claim will not be enforced or allowed if a long delay in asserting the right or claim has prejudiced the advised party).

The Appeals Court also agreed that a state-licensed civil engineer as an expert is entitled to rely on reasonable data such as the cost of materials, labor index and other items contained, in this case, in NIPSCO’s computer databases (as opposed to personally speaking with the individuals who submitted the cost data to the computer system). The NIPSCO engineer in this case had worked in the transmission-line department for thirty-five years.

The decision of the trial court was affirmed.

(Continued on page 21)

(Continued from page 20)

Andrea M. Fears and Edwin G. Fears vs. Charles W. Axsom and Peggy L. Axsom as Trustees of the Charles W. and Peggy L. Axsom Revocable Trust, Indiana Court of Appeals Case No. 07A04-1305-PL-243, July 11, 2014 - MEMORANDUM DECISION - not regarded as precedent

The Fearses and Axsoms own real estate in Brown County with a common boundary line. After a survey, a boundary dispute arose, a trial was held in the Brown Circuit Court and the court ordered the property re-surveyed. On May 27, 2011, the parties met with their attorneys present to try to resolve the dispute. A handwritten document, purported to be a settlement agreement, was prepared and signed by Lisa Fears and Andrea Fears who purportedly had authority to act for Grant Fears and Edwin Fears. This document included cost and boundary information. After negotiations broke down, the Axsom Trust sued on May 3, 2012 to enforce the settlement agreement. The Fearses moved for summary judgment, asserting the settlement agreement was unenforceable since it was not a valid contract for sale or a contract to enforce a settlement agreement. The trial court denied this motion.

On appeal the Fearses argue the settlement agreement is unenforceable because it does not comply with the statute of frauds. Since that is an issue here summary judgment was properly denied. For arguments sake, the court reasons that the partial performance of other items related to the document takes it out of the statute of frauds. Here the partial performance included agreeing on various boundaries and paying for aerial photography.

The other arguments made also did not qualify for summary judgment as there were issues of fact at stake. The Appeals Court affirmed the denial of motion for summary judgment.

Bryan F. Catlin, PS 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.



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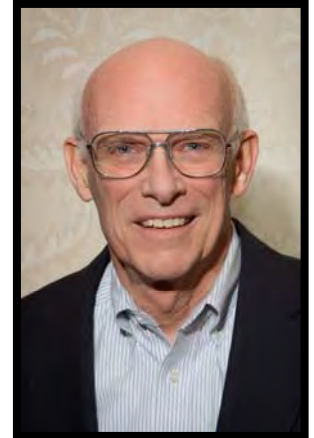
The advertisement features a large, detailed illustration of a Harrison marker, which is a tall, cylindrical metal post with a wide, flat top and a narrower base. The marker is shown in a three-quarter view, highlighting its unique shape and the way it is designed to resist side and pull-out thrusts. The text is arranged around the marker, with the company name and slogan at the top left, descriptive text in the middle left, and the company's contact information at the bottom left. The right side of the advertisement contains two columns of text, one of which is enclosed in a decorative border.

INDIANA-MICHIGAN STATE LINE COMMISSION - MEETING HIGHLIGHTS

By Mike Davis

Minutes Provided by Office of Land Survey and Remonumentation,
Department of Licensing and Regulatory Affairs, State of Michigan

The Indiana-Michigan Boundary Line Commission met Tuesday, July 8, in the County Commissioners Meeting Room on the seventh floor of the County City Building, 227 W. Jefferson Blvd., South Bend, Ind. Commission members present were John McNamara, chairman, Indiana; David Mostrom, vice-chairman, Michigan; Anthony Hendricks, Rex Pranger and Michael Ruff, Indiana; and John Kamer and Chris Marbach, Michigan. Those not present were Brad Cramer, Indiana; and Michael Lodzinski and Edward Reed, Michigan. The July 8 meeting agenda and the minutes from the June 10 meeting were approved.



Chris Beland, director of the State of Michigan's Office of Land Survey and Remonumentation, discussed the request for proposals that he had sent out and the changes that had been suggested. The commission also discussed monument specifications, including those for the cap, and the use of those caps already purchased by St. Joseph County, Indiana; reimbursing St. Joseph County for caps previously purchased; and whether a surveyor should be on site at all times, certain times, or not at all.

Beland discussed cost estimates that had been developed based on the project's scope. One estimate came from the Michigan Department of Transportation, and he prepared one estimate. He said there was interest in getting additional estimates, especially from the State of Indiana or representatives of Indiana.

He also said the Department of Licensing and Regulatory Affairs was not comfortable with moving forward to post the request for proposals until a projected funding discrepancy identified by cost estimates was resolved. He recommended that the commission communicate the funding discrepancy to both state's legislatures and request an increase in the available funding allocated for the project. The commission went on to discuss the estimated project costs and providing notification to both states. The recommendation was that Beland draft a letter to the legislature requesting that additional funding be allocated for the project. Beland said he would like to have the letter distributed by mid-August, giving commissioners until the end of July to review the estimates provided or develop additional estimates. The commissioners then voted unanimously to have Michigan's Office of Land Survey and Remonumentation draft the letter requesting additional funding.

The August 12 meeting was then cancelled.

LETTER FROM INDIANA-MICHIGAN BOUNDARY LINE COMMISSION

August 8, 2014

Mr. Chris Atkins, Director, Indiana Office of Management and Budget
Mr. Sean Keefer, Deputy Chief of Staff, Office of the Governor of Indiana
Mr. Dennis Muchmore, Chief of Staff, Executive Office of the Governor of Michigan
Mr. John S. Roberts, Director, Michigan State Budget Office

Dear Mssrs. Atkins, Keefer, Muchmore and Roberts:

As Chairman of the Indiana-Michigan Boundary Line Commission, created under Indiana Code 1-3-2, Indiana-Michigan Boundary Line Commission, and Michigan Statute 2010 PA 259, Michigan and Indiana State Line Monumentation Act, I am writing to inform you that the Commission has concluded that the current \$1 million funding available to complete the survey and remonumentation of the Indiana-Michigan border is insufficient. Further, it is our recommendation that work on this project not commence until adequate funding is available.

The Commission has determined that, in all probability, time and the elements have rendered most of the original evidence obliterated, and to properly carry out the survey and remonumentation of the Indiana-Michigan border will require a retracement survey of all 110 miles of the boundary line and remonumentation of most of the 125 mile and meander posts marking the border. And, based on estimates received, we believe that the cost to complete this project may reach approximately \$2 million.

(Continued on page 23)

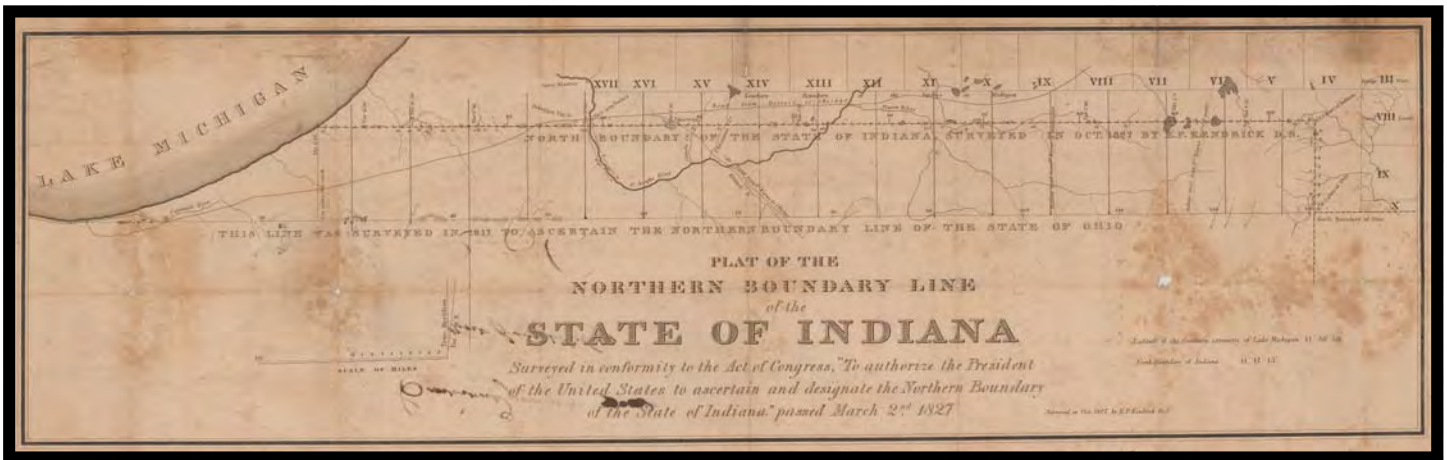
(Continued from page 22)

Each state's Legislature has provided that the cost of this project be shared equitably, with both states initially appropriating \$200,000, or a total of \$400,000, with which to begin the project. Michigan's enabling legislation, however, limits the total funding to "... not greater than \$500,000." Thus, a match from the State of Indiana would only provide \$1 million for the project or approximately half of the funds necessary to complete the project.

The Commission is requesting the respective Legislatures increase the available funding for this project and allocate \$1 million each for completion of the survey and remonumentation of the Indiana-Michigan border.

For additional information of questions regarding this request, please contact Mr. Chris Beland, Director of the State of Michigan's Office of Land Survey and Remonumentation, at 517-241-6322.

(Available as of Dec. 15, 2015, at www.michigan.gov/documents/laralara_bcc_indiana_mi_aug8_letter_on_funding_467193_7.pdf)



Map of the 1827 survey of the northern boundary of Indiana by Deputy Surveyor Eleazer P. Kendrick

COMPLETED CAREER

Richard M. Stoepfelwerth, PE, PS

Richard M. Stoepfelwerth, PE, PS, 83, of Indianapolis, passed away December 8, 2014. He was born January 28, 1931 in Ft. Wayne, IN, to the late Martin L. and Esther R. Stoepfelwerth. Much of his youth was spent in Indianapolis and he was a Shortridge High School graduate. In 1952 he earned his Civil Engineering Degree from Purdue University and was a member of Pi Kappa Alpha. Dick served his country in the U.S. Army and saw service in Germany, where his first two children were born. He began his career in engineering with the Indiana State Department of Transportation and in 1962 started his own engineering firm, Stoepfelwerth & Associates with his primary clients being Greentown, Swayzee, Otterbein, Parker City, Colfax, Cicero, Arcadia and Converse. Dick was a member of the Indiana Society of Professional Land Surveyors. He enjoyed extensive RV traveling in North America and spending winters in West Palm Beach, Florida, as well as singing in the Indianapolis Liederkrantz Choir.

Visitation was Wednesday, December 10, 2014 from 3:00 p.m. until the time of service at 6:00 p.m. at Shirley Brothers Fishers-Castleton Chapel, 9900 Allisonville Rd.

Dick is survived by his wife, Rosemarie B. Schmidt-Stoepfelwerth; children, David J. Stoepfelwerth (Kitty), Nancy E. Martzolf (James) and Sharon K. Barclay (Jay); step-children, Mark A. Haislip and Marla A. Fountain (Don); eight grandchildren; and four step-grandchildren. Dick's first wife, Rita Stoepfelwerth; grandson, Daniel Stoppelwerth; and a sister, Naomi Keene, preceded him in death.

In lieu of flowers, the family asks that memorial contributions be made to Faith Lutheran Church, Greenfield and/or the Indianapolis Liederkrantz Men's Chorus.

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, 2014- June 30, 2015



Name: _____ Date of Birth: _____
(Mr., Mrs., Etc.) (First) (Middle) (Last) (Month / Day / Year)

Nick Name: _____ Have you ever been found guilty of any felony? Yes or No

Please check preferred mailing address.

Home: _____ Ph: _____
_____ Cell: _____
County: _____ E-mail: _____

Employer: _____

Bus. Address: _____ Ph: _____
_____ Fax: _____
County: _____ E-mail: _____

P.S. Reg. # _____ Other Professional Registrations: _____

MEMBERSHIP (Please check all applicable categories)

Annual Dues

- Professional Member** - Any individual licensed as a *Professional Surveyor in the State of Indiana*. \$200.00
- Associate Member** - *Non-registered individuals who are engaged in support of the practice of surveying.* \$60.00
- Affiliate Member** - *Anyone affiliated with the surveying profession or any non-resident who is registered as a surveyor in another state other than Indiana.* \$65.00
- Chapter Membership** _____ \$20.00
(All Professional, Associate and Affiliate Member must designate a chapter in which they would like to belong to and pay the \$20 Chapter dues. Please state your chapter affiliation above or one will be assigned for you based upon your address.)
- NSPS Membership** _____ \$40.00
(All Professional Members residing within Indiana must include a NSPS Membership at \$40. All other member categories, including renewing out-of-state members, may participate in a NSPS Membership at \$40.)
- Student Member** - *Full-time student in a surveying related program / plus NSPS Student Membership* \$10.00 / + \$10.00
School Attending: _____
Degree You Are Pursuing: _____ Expected Graduation Date: _____

TOTAL DUES \$ _____

The amount you pay for ISPLS membership is 76% deductible as a necessary business expense but is not deductible as a charitable contribution. The Lobbying allocation will be spent on Lobbying, and is Non-Deductible.

Please make check payable to: Indiana Society of Professional Land Surveyors, Inc. or ISPLS, Inc.

We accept: Visa MasterCard or Discover Check # _____
Card Number: _____ - _____ - _____ - _____ Exp. Date ____ / ____ Security Code _____
Name on card: _____ Cardholder's Signature: _____

"I, the undersigned, agree that by submitting my application and paying the appropriate fees, I agree to abide by the Constitution, By-Laws and Code of Ethics of ISPLS."

Applicant's Signature: _____ Date: _____

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:

Boone,
Hamilton
Hancock
Hendricks
Johnson
Marion
Morgan
Shelby

Hoosier Hills:

Bartholomew
Brown
Jackson
Jennings
Lawrence
Monroe

Northeast:

Adams
Allen
DeKalb
Huntington
LaGrange
Noble
Steuben
Wells
Whitley

Southwest:

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Dubois
Gibson
Greene
Knox
Martin
Perry
Pike
Posey
Spencer
Vanderburgh
Warrick

Tecumseh:

Benton
Carroll
Clinton
Fountain
Montgomery
Tippecanoe
Warren
White

Greenville Treaty:

Dearborn
Decatur
Fayette
Franklin
Henry
Ohio
Ripley
Rush
Switzerland
Union
Wayne

Initial Point:

Clark
Crawford
Floyd
Harrison
Jefferson
Orange
Scott
Washington

Northwest:

Jasper
Lake
LaPorte
Newton
Porter
Pulaski
Starke

St. Joseph Valley:

Elkhart
Fulton
Kosciusko
Marshall
St. Joseph

Wabash Valley:

Blackford
Cass
Delaware
Grant
Howard
Jay
Madison
Miami
Randolph
Tipton
Wabash

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Vice President

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Rick Miller, P. S.
 Director of Land Surveying

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REGISTRATION

63RD ANNUAL I.S.P.L.S. CONVENTION



1954

2014

CELEBRATING 60 YEARS OF ISPLS

JANUARY 14 - 16 , 2015

MARRIOTT EAST

INDIANAPOLIS, INDIANA

WELCOME TO THE 63RD ANNUAL ISPLS CONVENTION

On behalf the Northwest Chapter of ISPLS, the ISPLS Board of Directors, and the ISPLS Convention Committee, we would like to extend to you an invitation to attend the 2015 ISPLS Annual Convention! The Indianapolis Marriott East will once again be the site of our event. The Marriott East has proven to be a great partner in providing wonderful accommodations and a warm atmosphere.

Now it might seem that we are trying to confuse you by celebrating the 60th year of ISPLS at the 63rd Annual ISPLS Convention, but what you may not know is that the first couple of conventions were essentially organizational meetings for ISPLS. Regardless of the number of years, we are excited about the program for the 2015 ISPLS Annual Convention. The program maintains some of our traditions and offers some new exciting items as well:

- With the change in our web based membership software over the summer, this will be the first year to utilize the “new” ISPLS website through YourMembership.com. It is our hope that this new software will perform flawlessly for our convention registration. Online registration provides for easier and faster registration and signing up for the seminar sessions that you would like to attend. The site will continue to allow the convention organizing staff to make adjustments to class room space on-the-fly so that no one is denied access to the seminar classes they want.
- This year’s convention will offer two Wednesday afternoon sessions featuring Indiana’s own Gary Kent, PS and Michael Pallamary, PS, author of *The Curtis Brown Chronicles*. Mr. Kent’s session is entitled, “Trials and Tribulations – Case Studies of Complaints at the Board of Registration.” Mr. Pallamary’s session will deal with “Quality Control in Land Surveying.” Both of these sessions should be very interesting!
- Wednesday afternoon we will introduce and welcome our Sponsors, Vendors and Exhibitors. These equipment and service providers are here to help you make choices regarding new equipment, supplies and services that are needed to conduct your business. This year’s exhibitor’s reception will be slightly extended with more appetizers; more door prizes; and more opportunity to socialize with exhibitors and sponsors.
- Wednesday evening will feature Alumni Parties with Purdue University and Vincennes University. If you’re an Alumnus of either of these schools, we would encourage you to stop in and show your support.
- New for this year, join us for offsite entertainment at the Indiana Grand Casino and Racing in Shelbyville, Indiana. We will be boarding passenger buses at the Indianapolis Marriott East between 6:00 - 6:30 pm and taking a thirty minute bus ride to the Indiana Grand. The buses will leave the Indiana Grand between 10:00 - 10:30 pm for the return trip to the hotel.
- Did someone ask for a hot breakfast? Join us Thursday morning for the Liberty Breakfast Buffet. All new this year and as requested by past attendees, the buffet will include: Seasonal Fruits & Berries; Low-fat Yogurt & Granola Assortment; Associated Breakfast Bakeries; Fresh Scrambled Eggs; Thick Sliced Bacon; Buttermilk Biscuits & Sausage Gravy; and Home Fried Potatoes.
- Thursday will offer up a abundance of great educational sessions. Speakers for these sessions will include Milt Denny, Michael Pallamary, Kris Kline, and Larry Phipps. Please be sure to check out those offerings!
- Thursday afternoon will continue with the Annual ISPLS Business Meeting. We hope you will attend to hear updates of the numerous endeavors and achievements that the Society has accomplished and the substantial things that the ISPLS BOD continues to work on for the benefit of all Professional Surveyors.
- Thursday evening will feature our Annual Banquet... Good food, Good company, and... did we mention Good food? This is also a time when we recognize a few of our members for their extra hard work and efforts in promoting our profession, and of course the “changing of the guard”, when we recognize the outgoing Officers and Board Members and introduce and install the newly elected ones.
- Friday will be another day of great educational offerings with Milt Denny, Michael Pallamary, Kris Kline, and Larry Phipps..
- At the conclusion of Friday’s lunch, we will hold the IPLS Foundation Raffle drawing. Be sure to check out the great items included in this year’s raffle!
- We are also offering a one and two-day Technician's Program. This program is great for field and office technicians looking to further their knowledge base.
- And a “very special welcome” to the spouses. We hope you find the “Special” program that has been planned for you to bring a very memorable and enjoyable time.



Don West, PS
2014 ISPLS President

There are multiple ways to register for the convention. But the easiest way is on-line at www.ispls.org. You have the convenience of registering for courses and submitting your payment instantly with your debit/credit card or you could ask to be invoiced. Likewise, you are always welcome to mail, e-mail, fax or phone in your registration to the ISPLS office. Be sure to register on or before December 31, 2014 to avoid a late fee. Please don't hesitate to contact your ISPLS Executive Director with any questions, concerns, or comments you might have.

We are looking forward to seeing each of you at another GREAT ISPLS Convention! See you there!



Robert "Jason" Coyle, PS
ISPLS Executive Director

PROGRAM • WEDNESDAY, JANUARY 14, 2015

Registration Desk

12:00pm - 6:00pm

The registration desk is located in the hotel's atrium. Attendees can pick up their registration material, name tags and gift at this desk. The attendants at the registration desk would be more than happy to assist you with any of your questions, comments and/or suggestions throughout the duration of the convention.

Exhibit Hall

12:00pm - 6:00pm

Each year we welcome vendors and exhibitors to showcase their products, services and equipment in our exhibit hall. We want our attendees to take every advantage of this opportunity to familiarize themselves with the latest trends and advancements in the surveying industry. Discover many solutions for enhancing your surveying practice. Admission requires you to wear your name badge for entry. **The Exhibit Hall will not be open on Friday.**

Trials and Tribulations - Case Studies of Complaints at the Board of Registration

Gary Kent, PS • 3 CEU (Mandatory)

1:00pm - 4:00pm

What are the types of issues that cause surveyors to have to appear at a hearing before the Board of Registration to defend themselves against charges? Did you ever wonder about the nature of complaints that end up before the Board? How does the State decide which complaints warrant further investigation, or an actual hearing before the Board? How might a complaint be dismissed without any formal action on the part of the Board? Questions about how complaints are handled by the State have been around as long as the Board of Registration. Join us in this program to see the curtain pulled back on the process.

A primary focus of this program will be an in depth look at a number of actual cases that ended up before the Board, what legal steps were taken through the process, and what the end results of the proceedings were. Additionally, as part of this program we will also explore the manner in which complaints can be made, how they work their way through the system, how they may or may not actually end up being addressed by the Board of Registration, and, if so, what the legal process is and why it can take so long for complaints to be dealt with. There will be ample time for questions throughout the program.

Quality Control in Land Surveying

Michael Pallamary, PS • 3 CEU (Elective)

1:00pm - 4:00pm

Far too many measuring people or coordinate collectors, as distinguished from Professional Land Surveyors, place far too much reliance on electronic measurements and a wandering array of satellites. They produce cups of coordinates with little knowledge as to how they were compiled and more importantly, how they are to be applied. Because of this ill placed confidence in binary coding, very little attention is paid to Quality Assurance and Quality Control (QA/QC). There are a number of methods of incorporating these standards and, if properly developed, anyone can determine what decisions were made five or ten years ago without reliance on the individual who performed the work. One of the added benefits of good QA/QC is the confidence in the work performed.

Exhibitor's Reception

4:00pm - 6:00pm

Join us in welcoming our vendors and exhibitors to our annual convention. This is a great opportunity to familiarize yourself with our vendors, exhibitors and their products while enjoying a cocktail and hors d'oeuvres. One beverage ticket is included with a full attendee's registration for the Exhibitors Reception. A cash bar will be available as well. Please drink responsibly. Throughout the reception, we will be introducing you to our vendors and exhibitors and awarding door prizes. You must be present to win.

Alumni Parties

6:00pm - 8:00pm

Join alumni from your alma mater to reminisce of those glory days and support their programs. Details forthcoming.

Offsite Entertainment - Bus Trip to Indiana Grand Casino and Racing, Shelbyville

6:00pm - 10:00pm

Join us for offsite entertainment at the Indiana Grand Racing and Casino in Shelbyville, Indiana. We will be boarding passenger buses at the Indianapolis Marriott East between 6:00 - 6:30 pm and taking a thirty minute bus ride to the Indiana Grand. The Indiana Grand offers an outstanding atmosphere of a Las Vegas-style casino featuring more than 2,200 slots and e-table games, the thunderous action of live Thoroughbred and Quarter Horse racing, premier dining selections including Indiana's best buffet, an award-winning steakhouse and brewpub, plus live entertainment around every corner. The buses will leave the Indiana Grand between 10:00 - 10:30 pm for the return trip to the hotel. **Please indicate on your registration if you plan to attend, so we can make proper arrangements.**

REGISTERED EXHIBITORS

Advanced Drainage Systems, Inc.
Aerocon Photogrammetric Services
Assurance Risk Managers
Champion GPS - David J. Ruckman
Cincinnati State Technical & Community College
Eastern Engineering
Engineering Ministries International
Indiana Dept. of Transportation - Land & Aerial Survey Office
Indiana Geographic Information Council

Indiana Search Technologies
Positioning Solutions Company
Precision Midwest
Priority Engineering
Seiler Instrument
SITECH of Indiana, LLC
Surveyors Historical Society
Turning Point Systems Group
Vincennes University

PROGRAM • THURSDAY, JANUARY 15, 2015

Registration Desk

7:00am - 4:00pm

The registration desk is located in the hotel's atrium. Attendees can pick up their registration material, name tags and gift at this desk. The attendants at the registration desk would be more than happy to assist you with any of your questions, comments and/or suggestions throughout the duration of the convention.

Exhibit Hall

7:00am - 6:00pm

Each year we welcome vendors and exhibitors to showcase their products, services and equipment in our exhibit hall. We want our attendees to take every advantage of this opportunity to familiarize themselves with the latest trends and advancements in the surveying industry. Discover many solutions for enhancing your surveying practice. Admission requires you to wear your name badge for entry. **The Exhibit Hall will not be open on Friday.**

Thursday Breakfast

7:00am - 8:00am

Join us Thursday morning for the Liberty Breakfast Buffet. All new this year and as requested by past attendees, the buffet will include: Seasonal Fruits & Berries; Low-fat Yogurt & Granola Assortment; Associated Breakfast Bakeries; Fresh Scrambled Eggs; Thick Sliced Bacon; Buttermilk Biscuits & Sausage Gravy; and Home Fried Potatoes.

The Art of Land Surveying

Milt Denny, PS · 6 CEU (Mandatory)

8:00am - 11:00am (Part 1 of 2) & 12:15pm - 3:15pm (Part 2 of 2)

Bringing Common Sense to Accepting or Setting Survey Corners. Today with the common use of GPS and modern technology, science seems to be getting the upper hand in this age old struggle between the Art of Surveying and the Science of Surveying. This has resulted in surveyors setting many additional corners, in some cases next to established property corners. In some instances this has resulted in court fights and lawsuits that are totally unnecessary. The modern surveying profession needs to understand more about the art of accepting and proofing evidence of existing property boundary locations. Learning to survey properly not just based on technology or mathematical calculations.

This seminar will attempt to present the case for the "Art of Land Surveying", based on long standing principles of the rights of the entryman and case law. Where the entryman is occupying property based on the good faith effort of the original surveyor that used different standards and technology to locate the property description on the surface of our earth. My belief is much of this information may come as a surprise to many recently licensed surveyors' that only studied the science of surveying. Many older surveyors had a mentor that taught us as apprentices the Art of Surveying. This system is for the most part lacking today which has resulted in the multiple corner dilemma and many court cases that should never happen.

Know When to Hold Them and other Procedural Pitfalls

Kris Kline, PS · 6 CEU (Mandatory)

8:15am - 11:15am (Part 1 of 2) & 12:30pm - 3:30pm (Part 2 of 2)

At the core of our profession is the boundary monument, and most of our boundary retracement decisions revolve around the choice to hold an existing monument, set a new monument, or choose between multiple existing monuments. Part one of this seminar is an in-depth discussion of principles that form the basis of the critical decision that we make every day, including the rules of construction, sufficiency of research, and tips for the analysis for each type of property corner. Part two of this seminar will concentrate on easements, quasi easements and adverse possession (state specific), along with the characteristics of each. Knowledge of these topics will help the surveyor to improve his research and location techniques (both office and field) so as to better serve the client in cases where disputes may arise. State specific case law will be cited where appropriate.

PROGRAM • THURSDAY, JANUARY 15, 2015

Ethics

Larry Phipps, PS • 3 CEU (Mandatory)

8:15am - 11:15am

The objectives of this course will be to introduce and discuss a process for making ethical decisions. We will briefly review the Indiana Code. Attendees will be challenged to think about ethics and how the topic relates to every day decisions. Attendees will discuss situations they face daily.

The Curt Brown Chronicles

Michael Pallamary, PS • 6 CEU (Mandatory)

8:30am - 11:30am (Part 1 of 2) & 12:45pm - 3:45pm (Part 2 of 2)

Ethics and Standard of Care: Ethics is a branch of philosophy that involves the concepts of right and wrong conduct. Indeed it is one of the more important facets of land surveying and, unfortunately, one of the most neglected. In contemporary society, far too few people embrace this concept. The Land Surveyor is in a unique role wherein much of his/her work is done out of the eye of general inspection and as such, every decision is, by definition, ethic based. Moreover, many Land Surveyors are in a role of supervision over younger surveyors where their role as a mentor is of immense value and they must instill solid ethical values in their successors. Mr. Pallamary has been retained by various insurance companies to defend other Land Surveyors when their actions, relative to Standard of Care, are called into question as this can be a standard for a finding of negligence. Unfortunately, many Land Surveyors are unfamiliar with this concept, a problem complicated by the fact that Standard of Care is not a uniform standard as it varies from region to region and state to state; it is determined by the standard that would be exercised by the reasonably prudent Land Surveyor in Indiana, and may not be the same from north to south.

Evidence and Procedures for Boundary Control: With the advent of electronic measuring equipment and single person measuring occurring, many measuring people are unfamiliar with the importance of evidence and the application of sound surveying practices as there is no one to teach them what to do or what to look for. Far too many field crews survey by coordinates while concurrently overlooking the most important facet of land surveying, that of sound evidence and monument recovery. Mr. Pallamary will discuss many of the concepts espoused by Curtis Brown and how they must be incorporated in boundary line surveying including: Using historical knowledge as evidence; Professional liability; How to report evidence and use it in court; Court conduct, both as a defendant and as an expert witness; The origins of boundary evidence and its contemporary evolution

Riparian and Littoral Boundaries: A riparian owner acquires rights to public waters up to the shoreline and it is the Land Surveyor's role to determine the location of that line. These rights may be transferred in a deed or other real estate conveyance without special mention and the person who grants the deed may reserve riparian rights. In addition, a fee owner may also convey the ability to exercise riparian rights through an easement. There are a number of interesting water boundary cases that have come out of Indiana and although the rules vary from state to state, the general concepts are the same. Mr. Pallamary will discuss the evolution of water boundary law as well as the application of federal laws to water boundary determination. He will also discuss the importance of the Land Surveyor in establishing littoral and riparian boundaries both as to methodology and applicable Standard of Care.

Staggered Buffet Style Lunch will be offered from 11:00am - 1:00pm

ALTA/ACSM New Standards and How to Apply Them

Larry Phipps, PS • 3 CEU (Mandatory)

12:30pm - 3:30pm

The objectives for this course will include an introduction and discussion of NSPS and ALTA. Each attendee will be provided with a copy of the most recent standards. We will review key wording in the standards and what those sections mean for the practicing surveyor. The discussion will get attendees thinking about standards in general and the importance of knowing the standard before they agree to abide by it. We will also discuss situations that arise with the standards.

ISPLS Business Meeting

4:00pm - 5:30pm

General Membership Business Meeting to discuss the past and future activities of ISPLS and the IPLS Foundation.

ISPLS Social and Banquet

6:00pm - 9:00pm

Join us at 6:00pm in Freedom Hall for a beverage and an opportunity to catch up with colleagues and old friends. Then at 7:00 pm, enjoy a magnificent dinner prepared by the hotel's chef and staff. The evening continues with the recognition of our Trig-Star Winners and Scholarship Recipients, President's Award Ceremony, and swearing in of ISPLS Officers.

PROGRAM • FRIDAY, JANUARY 16, 2015

Registration Desk

7:00am— 11:00am

The registration desk is located in the hotel's atrium. Attendees can pick up their registration material, name tags and gifts at this desk. The attendants at the registration desk would be more than happy to assist you with any of your questions, comments and/or suggestions throughout the duration of the convention.

A Continental Breakfast will be offered from 7:00 am - 8:30 am.

Pricing Professional Services

Larry Phipps, PS • 3 CEU (Elective)

8:00am - 11:00am

The objectives of this course will be to introduce and discuss pricing in general. Heap scorn and derision on those who believe in magic multipliers for professional services. Help the attendees to understand the implications associated with every pricing scheme. Get the attendees to understand and develop the habit of determining the class of client for every proposed project. Lastly, get the attendees to think about value and how to bring more of it to their clients.

Managing the Engineering and Surveying Firm

Milt Denny, PS • 6 CEU (Elective)

8:00am - 11:00am (Part 1 of 2) & 12:45pm - 3:30pm (Part 2 of 2)

Here are the tools you need to handle the business challenges of your growing technical practice. You will learn about your new legal responsibilities, expanding your staff to handle new opportunities, hiring and developing new employees, how to provide attractive benefits for them, controlling costs, where to seek new growth opportunities and how to apply new technology to your operation. This course is a must for the technical professional whose practice is established and who are facing the challenges of new technology and growth. This is the old standby seminar that made Milton Denny famous in the surveying and engineering field. Everyone that has taken this course has a more profitable and manageable company in a year, if the principles presented are applied properly.

The Curt Brown Chronicles (Repeat)

Michael Pallamary, PS • 6 CEU (Mandatory)

8:00am - 11:00am (Part 1 of 2) & 12:45pm - 3:30pm (Part 2 of 2)

Ethics and Standard of Care: Ethics is a branch of philosophy that involves the concepts of right and wrong conduct. Indeed it is one of the more important facets of land surveying and, unfortunately, one of the most neglected. In contemporary society, far too few people embrace this concept. The Land Surveyor is in a unique role wherein much of his/her work is done out of the eye of general inspection and as such, every decision is, by definition, ethic based. Moreover, many Land Surveyors are in a role of supervision over younger surveyors where their role as a mentor is of immense value and they must instill solid ethical values in their successors. Mr. Pallamary has been retained by various insurance companies to defend other Land Surveyors when their actions, relative to Standard of Care, are called into question as this can be a standard for a finding of negligence. Unfortunately, many Land Surveyors are unfamiliar with this concept, a problem complicated by the fact that Standard of Care is not a uniform standard as it varies from region to region and state to state; it is determined by the standard that would be exercised by the reasonably prudent Land Surveyor in Indiana, and may not be the same from north to south.

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PROGRAM • FRIDAY, JANUARY 16, 2015

What did you Really Mean?

Kris Kline, PS • 6 CEU (Mandatory)

8:00am - 11:00am (Part 1 of 2) & 12:45pm - 3:30pm (Part 2 of 2)

The concept of the Intent of the Parties is central to many of our boundary retracement decisions. Not only is this concept prominent in easement law and deed interpretation, but it also occurs when dealing with Wills, Color of Title issues, quasi easements, and Adverse Possession. This seminar includes: Intent of the Parties and the significance of surrounding circumstances, Intent as it affects deed interpretation, Common- Law Dedication and Acceptance of Easements, Color of Title, and Intent as it relates to Adverse Possession.

A Plated Lunch will be served at 11:00am followed by the Keynote Speaker and IPLS Foundation Raffle drawing.

Implementing Value Pricing

Larry Phipps, PS • 3 CEU (Elective)

12:45pm - 3:30pm

The objectives of this course will be to introduce and discuss the concept of Value Based Pricing. Help the attendees to understand the implications of the class client and how that impacts the surveyors work. Review with the attendees the 8 steps to implementing a value based pricing model. Review each of the 8 steps in detail so attendees can tweak and adapt to their own businesses. Lastly, get the attendees to think about value and how to bring more of it to their clients.

IPLS FOUNDATION, INC. • 3RD ANNUAL FUNDRAISING RAFFLE

Over/Under Shotgun



BedandBreakfast.com and Visa Gift Certificates to enjoy a relaxing weekend getaway. The gift certificates are welcomed at nearly 4,000 bed & breakfasts throughout the USA & Canada.

GoPro Camera



Apple iPad



BedandBreakfast.com

**DETAILS FORTHCOMING
ON HOW YOU CAN GET YOUR HANDS
ON THESE ITEMS AT THE
2015 ISPLS CONVENTION!**

SPOUSE'S PROGRAM • JANUARY 14-16, 2015

Greetings Spouses! Welcome to the 63rd Annual ISPLS Convention.

Welcome to the 2015 ISPLS Convention Spouse Program! The Northwest Chapter of ISPLS has planned an exciting time for you this year. The hospitality suite will be available Wednesday afternoon for those who arrive early and would like a chance to relax and catch up with friends. On Thursday, join us in the hospitality suite for a light breakfast before boarding a bus for the Fashion Mall at Keystone at the Crossing at 9:30 am. At 11:30 am, the group will be dining at the Cheesecake Factory. The remainder of the afternoon can be spent browsing the stores in and around the mall or catch a movie at the Keystone Art Cinema. The bus will depart from the mall at 4:00 pm to return to the Indianapolis Marriott East. At 6:00 pm, join your significant other for the Annual ISPLS Convention Banquet.

On Friday, join us for "Wine and Canvas." *A little nervous to paint? Don't be!* No talent or experience is necessary. The talented instructors from Wine and Canvas will guide you step-by-step! You will be amazed at your very own work of ART! Everyone will go home with a 16"x20" canvas of your very own masterpiece. A light breakfast will be available in the hospitality suite at 8:00 am. The program will start at 9:00 am and will continue until noon - at which time lunch will be served by the hotel staff. Take the rest of the afternoon to relax and reunite with friends.

TECHNICIAN'S PROGRAM

THURSDAY, JANUARY 15, 2015

GPS Site Calibrations and Grid to Ground

Steve Jones, PS · 1.5 CEU (Elective)

8:00am - 9:30am

To inform surveyors about the various methods of GPS measurements and correction types. To enhance the surveyors knowledge of global coordinate systems and how they are computed within the GPS field and office software.

GIS

Tripp Corbin, PS · 1.5 CEU (Elective)

10:00am - 11:30am

GIS and Surveying have many overlapping aspects including field data collection, analysis and map creation. However to be a Surveyor you must have a license from the state where GIS often does not. So when is it OK to perform one of these overlapping functions if you don't have a license? When is a license required? This is often a gray area. This presentation will look at where the dividing line may be and suggest ways to help remove the gray areas so GIS Professionals don't stumble into areas they are not qualified or legally allowed to be.

Buffet Style Lunch will be offered at 11:30am.

High Priority Safety Topics

Ron Koons · 3 CEU (Elective)

12:45pm - 3:45pm

We will start our day by bringing everyone up to date on the major changes made to OSHA's Hazard Communications Standard. All businesses in the United States who use anything from white out to inverted marking paint to tanker loads of hazardous chemicals are required to train their workers on the new Globally Harmonized System (GHS) for identification and training. We will introduce this topic and give some valuable information to allow you to train your workers on GHS. OSHA will soon start looking for compliance with this important new topic. We will continue with basic field safety on both land and water. We will finish with traffic safety and the requirements for protecting workers. Those attending will obtain an understanding of the New Globally Harmonized System for dealing with hazardous materials. With a little work you should be able to go back and conduct a class for your workers. We will cover basic field safety for surveyors along with the Manual on Uniform Traffic Control devices and the required vests.

FRIDAY, JANUARY 16, 2015

NGS Datasheets; DS-World; and OPUS-Projects

John T. Ellingston, PE, PLS · 3 CEU (Elective)

8:00am - 11:00am

NGS Datasheets: NGS datasheets provide a great amount of information on the 22,734 Indiana survey marks that are contained within the NGS database. This presentation will help you understand and make use of the detailed information that is available on a datasheet. The NGS Advisor will also provide you with information and tips that will help you avoid misusing or making mistakes when using that information. Surveyors are encouraged to attend because the Indiana Low Distortion Projections that will be coming soon will require that surveyors relate their projects to the NGS National Spatial Reference System (NSRS). This is easily accomplished by using published horizontal data found on some datasheets, but not all.

DS-World: This session will demonstrate a very easy to use, yet powerful, free software program from the National Geodetic Survey known as "DSWorld". This program allows users to perform a variety of mark search methods for any of the 22,734 Indiana survey marks that are found in the NGS database. It creates a KML file of the search results, with mark locations, and displays the file in Google Earth. From the Google Earth display, DSWorld provides easy access to viewing the datasheets. Besides providing quick access to a mark's datasheet, the user can quickly choose other options such as viewing the mark's published position, viewing images of the mark if they exist, retrieving info on neighboring marks, and viewing "to-reach" descriptions. The program also enables users to easily submit recovery notes, as well as submit images of recovered marks, that will be included with a mark's datasheet. This presentation will provide information on many of the dozens of functions that DSWorld enables surveyors to perform.

OPUS-Projects: In January 2104, the National Geodetic Survey released a web-based GPS positioning tool, known as "OPUS-Projects". OPUS-Projects enables surveyors to observe, compute, and complete a least-squares adjustment of GPS projects to the sub-centimeter level. New, inexpensive GPS receivers have recently become available which are designed for use with OPUS-Projects, enabling nearly every surveyor to be GPS enabled. The presenter will start with a brief intro to the original NGS "Online Positioning User Service" (OPUS) and then provide attendees with a step-by-step demonstration on using OPUS-Projects. The demonstration will reveal the ease-of-use and powerful performance of OPUS-Projects.

A Plated Lunch will be served at 11:00am.

Least Squares Adjustment Demystified

Bruce Carlson · 3 CEU (Elective)

12:45pm - 3:30pm

Data adjustment is an integral part of most survey projects. Modern computers have allowed surveyors to use adjustment techniques that were all but impossible in the past. Least Squares adjustment provides the best and most informative adjustment technique possible. It allows more control and flexibility over the adjustment process than traditional methods and provides the surveyor with a powerful data analysis tool. We will be using Carlson SurvNET as the processing software in our presentation. There will be a brief discussion of measurement errors, error propagation, and traditional error adjustment techniques. We will then create and process several survey projects. This will include the analysis of the data and statistical reports.

ISPLS 2015 CONVENTION REGISTRATION FORM

Wednesday January 14, 2015

8:00am - 12:00pm Board of Directors Meeting
12:00pm - 6:00pm Registration in the Atrium
Exhibit Hall Opens

1:00pm - 4:00pm Trials and Tribulations - Case Studies of

Complaints at the Board of Registration
Gary Kent, PS · 3 CEU (Mandatory)

1:00pm - 4:00pm Quality Control in Land Surveying
Michael Pallamary, PS · 3 CEU (Elective)

4:00pm - 6:00pm Exhibitor Reception

6:00pm - 8:00pm Vincennes Univ. & Purdue Univ.
Alumni & Friends Reunion Party

6:00pm - 10:00pm Offsite Entertainment
 Indiana Grand Racing & Casino

(Please indicate your attendance)

Thursday, January 15, 2015

Please indicate your first choice (v) and alternate (A). Registration in a seminar that is a Part 1 of 2 automatically registers you in Part 2.

7:00am - 4:00pm Registration in the Atrium
Exhibit Hall Open

7:00am - 8:00am Thursday Breakfast Buffet
 (Please indicate your attendance)

8:00am - 11:00am The Art of Land Surveying
Part 1 of 2
Milt Denny, PS · 6 CEU (Mandatory)

8:15am - 11:15am Know When to Hold Them and
other Procedural Pitfalls - Part 1 of 2
Kris Kline, PS · 6 CEU (Mandatory)

8:15am - 11:15am Ethics
Larry Phipps, PS · 3 CEU (Mandatory)

8:30am - 11:30am The Curt Brown Chronicles
Part 1 of 2
Michael Pallamary, PS · 6 CEU (Mandatory)

11:00am - 1:00pm Staggered Buffet Style Lunch

12:15pm - 3:15pm The Art of Land Surveying
Part 2 of 2
Milt Denny, PS · 6 CEU (Mandatory)

12:30pm - 3:30pm Know When to Hold Them and
other Procedural Pitfalls - Part 2 of 2
Kris Kline, PS · 6 CEU (Mandatory)

12:30pm - 3:30pm ALTA/ACSM New Standards and
How to Apply Them
Larry Phipps, PS · 3 CEU (Mandatory)

12:45pm - 3:45pm The Curt Brown Chronicles
Part 2 of 2
Michael Pallamary, PS · 6 CEU (Mandatory)

4:00pm - 5:30 pm ISPLS Business Meeting

6:00pm Social & Banquet
 (Please indicate your attendance)

Friday January 16, 2015

Please indicate your first choice (v) and alternate (A). Registration in a seminar that is a Part 1 of 2 automatically registers you in Part 2.

7:00am - 12:00pm Registration in the Atrium

7:00am - 8:00am Past Presidents Breakfast

8:00am - 11:00am Pricing Professional Services
Larry Phipps, PS · 3 CEU (Elective)

8:00am - 11:00am Managing the Engineering and
Surveying Firm - Part 1 of 2
Milt Denny, PS · 6 CEU (Elective)

8:00am - 11:00am The Curt Brown Chronicles (Repeat)
Part 1 of 2
Michael Pallamary, PS · 6 CEU (Mandatory)

8:00am - 11:00am What did you Really Mean?
Part 1 of 2
Kris Kline, PS · 6 CEU (Mandatory)

11:00am - 12:45pm Lunch with Keynote Speaker
IPLS Foundation Raffle Drawing

12:45pm - 3:30pm Implementing Value Pricing
Larry Phipps, PS · 3 CEU (Elective)

12:45pm - 3:30pm Managing the Engineering and
Surveying Firm - Part 2 of 2
Milt Denny, PS · 6 CEU (Elective)

12:45pm - 3:30pm The Curt Brown Chronicles (Repeat)
Part 2 of 2
Michael Pallamary, PS · 6 CEU (Mandatory)

12:45pm - 3:30pm What did you Really Mean?
Part 2 of 2
Kris Kline, PS · 6 CEU (Mandatory)

Technician's Program

Thurs. & Fri., January 15-16, 2015

This year, we are offering a one and two-day technician's program. This program includes the five technician courses, handouts, access to the exhibit hall, breakfasts and lunches. A licensed professional surveyor may attend any the technician courses for continuing education credits at the full or 1 day convention fee rate.

Thursday, January 15, 2015

8:00am - 9:30am GPS Site Calibrations and Grid to Ground
Steve Jones, PS · 1.5 CEU (Elective)

10:00am - 11:30am GIS
Tripp Corbin, PS · 1.5 CEU (Elective)

11:30am - 12:45pm Staggered Buffet Style Lunch

12:45pm - 3:45pm High Priority Safety Topics
Ron Koons · 3 CEU (Elective)

Friday, January 16, 2015

8:00am - 11:00am NGS Datasheets; DS-World; and
OPUS-Projects
John Ellingson, PE, PLS · 3 CEU (Elective)

11:00am - 12:45pm Lunch

12:45pm - 3:30pm Least Squares Adjustment Demystified
Bruce Carlson · 3 CEU (Elective)

ISPLS 2015 CONVENTION REGISTRATION FORM

GENERAL INFORMATION

Registration can be made several different ways. The easiest and most convenient way is through the ISPLS website at www.ispls.org. Registration forms can also be mailed, e-mailed, or faxed to the address or number below. For multiple registrants, please make copies of this form or contact ISPLS for additional forms.

Indiana Society of Professional Land Surveyors, Inc.

8325 S. Emerson Avenue, Suite B-2, Indianapolis, IN 46237

Ph.: 317-888-4400 Fax: 317-888-4412

E-mail: execdir@ispls.org

Web: www.ispls.org

Registrations received after 12/31/2014 (including walk-in's) will include a **\$50.00 late fee**, and will be accepted based on available space, and will not be guaranteed handouts or meals. A full refund less 10% will be given to those refund requests received on or before 12/31/2014. A full refund less 50% will be given to those refund requests received between 1/1/2015 and 1/10/2015. **After 1/11/2015, no refunds will be made.**

No further Registration will be accepted after 1/11/2014.

After 1/11/2014, registration will be at the door and dependent upon the availability of seating.

The **full time registration** fee for the convention includes all handouts, refreshment breaks, two luncheons and the banquet. Please indicate by a (V) that you plan on attending the Banquet on Thursday Night. The registration fee for **spouses** includes a like number of meals. The **student** (full time) registration fee includes meetings and luncheons only. **One-day** registrant fee includes handouts and luncheons for the day registered.

Convention Handout Material: To reduce the cost of printing, ISPLS will make all program material available on-line through the ISPLS website to individuals registered for the convention.

LODGING

Indianapolis Marriott East

7202 East 21st Street

(317) 352-1231

Indianapolis, IN 46219

(800) 228-9290

Convention rates have been arranged. **Please indicate you are attending the 2015 ISPLS Convention when making reservation.** Reservations must be received by 12/30/14 in order to guarantee room and availability.

Room Rate: \$109.00 per night

REGISTER ON-LINE AT WWW.ISPLS.ORG

Name: _____

Name to appear on badge: _____

P.S. Number: _____

Company: _____

Address: _____

City: _____ State: _____

Zip: _____ Phone: _____

E-mail: _____

Spouse's Name: _____

NSPS Membership Number: _____

	Fee
<input type="checkbox"/> Member	\$350.00
<input type="checkbox"/> Non-Member	\$610.00
<input type="checkbox"/> Spouse's Program	\$150.00
<input type="checkbox"/> Student (Full Time)	\$ 40.00
<input type="checkbox"/> 1 Day (Member)	\$250.00
<input type="checkbox"/> 1 Day (Non-Member)	\$510.00
<input type="checkbox"/> 1 Day Technician Program	\$ 75.00
<input type="checkbox"/> 2 Day Technician Program (Thurs. & Fri.)	\$150.00
<input type="checkbox"/> Late Fee (After 12/31/14)	\$ 50.00
<input type="checkbox"/> NSPS Member (Full Convention)	\$350.00
<input type="checkbox"/> NSPS Member (One Day)	\$250.00
<input type="checkbox"/> Extra Banquet Ticket Thursday Night	\$ 50.00
<input type="checkbox"/> Admission to Exhibit Hall	\$ 15.00

TOTAL _____

ISPLS Firm Member - Deduct 20% _____

TOTAL AMOUNT ENCLOSED _____

Please make check payable to: ISPLS, Inc. or
Indiana Society of Professional Land Surveyors, Inc.

We accept: Visa MasterCard or Discover

Card Number: _____ - _____ - _____ - _____

Exp. Date _____ / _____ Security Code _____

Name on card: _____

Card Mailing Address if different from above:

(City, State, & Zip)

Cardholder's Signature: _____

ISPLS 63RD ANNUAL CONVENTION • HOTEL MAP

Indianapolis Marriott East • January 14-16, 2015

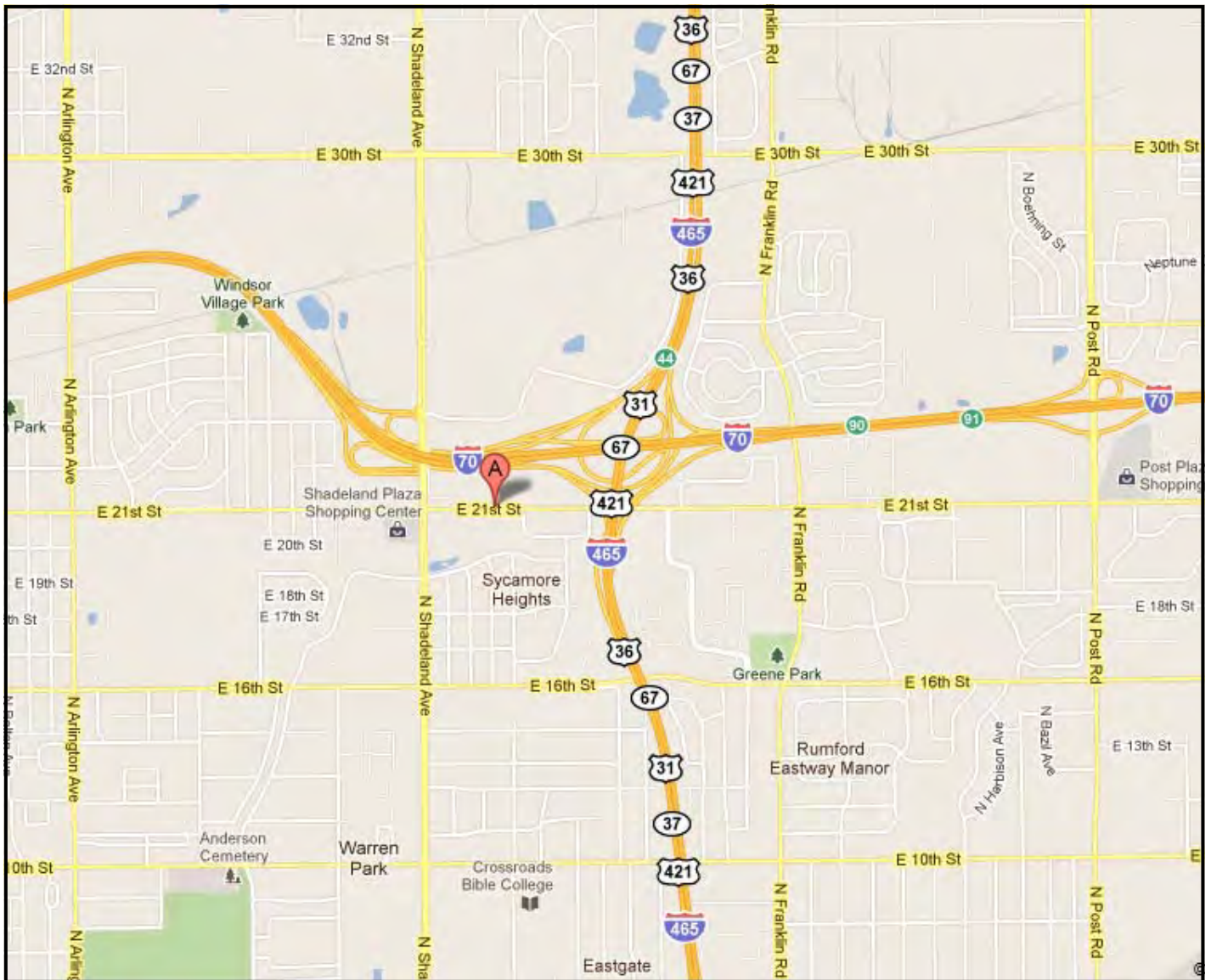
Hosted by the Northwest Chapter of ISPLS.

Indianapolis Marriott East

7202 East 21st Street

Indianapolis, Indiana 46219

Ph.: (800) 228-9290 or (317) 352-1231



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**INDIANA SOCIETY OF
PROFESSIONAL LAND SURVEYORS, INC.**
8325 SOUTH EMERSON AVENUE, SUITE B-2
INDIANAPOLIS, INDIANA 46237

ISPLS 63RD ANNUAL CONVENTION—JANUARY 14-16, 2015
INDIANAPOLIS MARRIOTT EAST, 7202 EAST 21ST STREET, INDIANAPOLIS, INDIANA

