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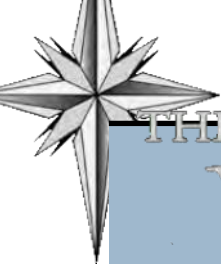
INTERIOR ANGLE

Golf Outing &
Picnic Details Inside!



Kentucky Association of Professional Surveyors

Spring 2019/20, Issue 1



THE INTERIOR ANGLE

ADVERTISEMENT POLICY

The Interior Angle is the official publication of the Kentucky Association of Professional Surveyors (KAPS). It is published quarterly to communicate with the professional surveying community as well as those in related professions and others with an interest in surveying. The Interior Angle is financed primarily by membership dues, although advertisements are welcome from service and product industries relating to the needs and activities of the profession. The Interior Angle is provided to KAPS members and similar organizations on a complimentary basis.

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 Louisville, KY 40221

Letters must be signed and include a daytime telephone number. The name of the letter's author may be withheld if requested. Letters may be edited for clarity and length.

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1/4 Page	\$85/\$300
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Business Card for KAPS MEMBERS ..	\$30
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In Memoriam of Billy Pyle – 1938-2019

Friends, it is with great sadness that we announce the passing of a very special person. Mr. Pyle was a founding member of KAPS, and we offer our deepest condolences to his family.

<https://milwardfuneral.com/obituaries/193-william-e-pyle>

William E. “Billy” Pyle, 80, of Lexington and husband of Cassie Farley Pyle passed away March 16, 2019. He was born on November 19, 1938 in Hopkinsville, KY. He was a member of Southland Christian Church.

Billy’s main loves were the Lord and his family. He enjoyed playing golf and was an avid UK Sports fan. He retired after a forty-five-year career in civil engineering. He will be dearly missed by his family, many friends, and colleagues. In addition to his parents, he was preceded in death by the wife of his children Charlotte Pyle; son John Edward Pyle; and brother Tommy Pyle.

In addition to his loving wife, Billy is survived by his children, Angela Pyle (Gary) Pritchett and Stephen A. (Emily) Pyle; step-children, Terri Hooker, Amy Hurst (Ray) Baynard, and Charles A. “Andy” (Amber) Hurst; grandchildren: Tyler (Emily) Hooker, Christopher Pritchett, Graham Pritchett, Erin Pyle, Megan Pyle, Tate Logsdon-Hurst, Tucker Hurst, Luke Hurst, Jackson Hurst, Morgan Baynard, Emma Baynard, and Ryan Baynard; great-grandchildren: Ella Hooker, James Hendron, and Silas Hooker; step-grandchildren, Hunter, Tyler, and Chloe; brother Jimmy Pyle; and very special friends, Larry Smith, David Lacy, Barry Welch, and Donny Hatter.

Funeral services took place on Friday, March 22, 2019 at Milward-Southland. Mr. Pyle’s final resting place is at the Blue Grass Memorial Gardens. In lieu of flowers, donations are requested to St. Jude Children’s Research Hospital.



In Memoriam of Alta Johnston— 1931-2019

Our hearts go out to Howard Johnston (KAPS past president) who lost his wife, Alta Johnston, Friday, March 15, 2019 at St. Elizabeth Healthcare in Ft. Thomas. Our thoughts and prayers are with Howard at this time.

Alta Mae Johnston (88) of Falmouth, KY, passed away Friday, March 15, 2019 at St. Elizabeth Healthcare in Ft. Thomas. Alta was born in Pendleton County, KY on January 30, 1931, daughter of the late Edward Percy and Lillie Dunaway Fryer.

In addition to her parents, Alta is preceded in death by her twin sister Alma Faye Flairy, and brothers Donald and Preston Fryer. Alta is survived by her husband Howard Johnston, daughters Connie Mann, Carolee (Peter) Papouras, son William (Teresa) Johnston, grandchildren Jennifer Johnston Pierce, Jason and Justin Mann, B.J. Griffin, Grant Griffin and Alison Griffin Witajewski, great grandchildren Tera and Drake Pierce, Sophia, Porter and Emmitt Mann, Macy, Tanner, Riley, Logan, James and Mollie Rebecca Griffin, Jaxon and Carson Witajewski.

The Fryer Homestead was built in Butler, Kentucky in 1811 by Walter Fryer. In 1931, Alta Mae and her identical twin sister, Alma Faye, were the last generation to be born at the Homestead. The twins spent their childhood there, before they both married and moved away.

Alta Mae Fryer and Howard Johnston were married on April 22, 1950. Two years later, Howard, Alta Mae, and their infant son, Billy, moved back into the

Fryer Homestead to care for Alta Mae’s father, Edward Percy Fryer, following an unexpected injury he received on the farm. Howard and Alta Mae raised their three children at the Homestead and in 1970, Howard embarked on a successful surveying career. Alta Mae, serving as his assistant, was right by his side, both in the office and in the fields.

The Fryer Homestead was sold to Hilltop Stone, LLC in 2000, when Howard and Alta moved to Falmouth. The Homestead, now known as The Fryer Museum, is leased to the Pendleton County Historical & Genealogical Society where artifacts and treasures from Pendleton County are housed for all members of the public to enjoy.

Alta Mae has returned to Butler once again, now at her final resting place, where she is reunited with her dear twin sister overlooking the family’s beloved Homestead.

Alta’s final resting place is in the Butler Cemetery. Memorials to 1st Baptist Church, 402 Beech St, Falmouth, KY 41040 or the Pendleton County Historical and Genealogy Society, P.O. Box 130, Falmouth, KY 41040



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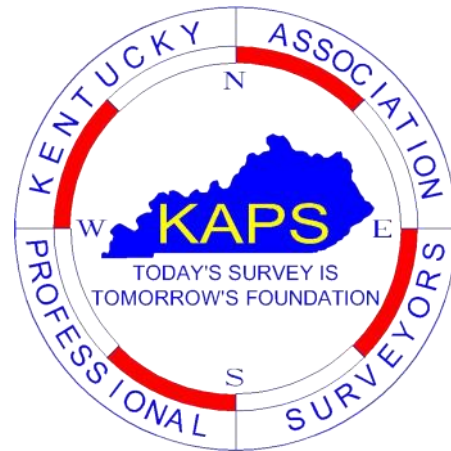
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Kentucky/Tennessee	
Boundary Stone	Mike Ladnier, PLS
Board of Licensure Nominations	Jason Graves, PLS
Continuing Education Hours	Nick Jerdon, PLS

Save the Date!

2020 KAPS Conference 2/5—2/8

in Lexington, Kentucky

The Interior Angle, Spring 2019



Greg Barker, PLS

2019 President-Elect, Gbarker@vioxinc.com, 859-727-4500



From the President-Elect's Desk

Greetings surveyors and fans of "The Interior Angle".

The 2019 KAPS Conference in Louisville Ky, was another success. Thank you to all membership, that were able to join us this year. In fact, we had so many folks doing a same day registration that we moved several seminars to larger class rooms. I would also like to extend a colossal thank you to all our presenters who provided so many great courses and to all of our vendors who invested their time and energy at this year's conference.

One difference you may have noticed this year, was the array of gifts available at registration. While moving out of the office in Frankfort, the decision was made to hand out survey swag from past years. By doing this we were able to reduce the volume going into storage and allow those of you who have been attending faithfully a little walk down memory lane. I found it hard to choose between some of the great items KAPS has been handing out.

While we're on the topic of swag. To better promote KAPS, and our local chapters, if someone in your

company or local chapter has become licensed in the last year, please notify us some we can congratulate them, with some of the items we gave out during the conference. How many of you remember when new licensees would pick up their LIST and PLS certificates at the local chapter meeting?

Another recent KAPS event worth mentioning, was the annual KAPS volunteer phone bank, for the **KET Telethon**. If you don't watch KET, you should. If you watch it, and you don't support it, let me know, and I'll call you during the Telethon in 2020. We had a blast again this year! The staff at KET is very accommodating, they always feed us well, and its for a great cause. On this one night a year we have the opportunity to promote Land Surveying in front of a state-wide audience. KET is the largest public television broadcast in the USA. And, who can forget the award worthy interview presented by the KAPS president elect? Although the time allotment was 2 minutes, we were on air an insurmountable 2:18. Can I blabber or what? The interview, should you need to be inspired, can be found hidden in the bowls of

KAPS web page.

Until next time, stay safe, enjoy the coming spring, and continue to support your local chapter.

Respectfully,

Greg Barker, PLS



President-elect, Greg Barker, being interviewed during KET's telefund, March 12, 2019

[HISTORIC MONUMENT FOUND IN LAKE]

pare and place each stone at a cost of \$20 each.

Fast-forward to 1990, the Tennessee Association of Professional Surveyors and the Kentucky Association of Professional Surveyors formed a committee of 28 volunteer land surveyors from each state, named the “Joint State Line Committee.” Their task was to relocate as many of the remaining stone monuments as possible, set by the 1859 survey. The report to the Governor of KY stated that 63 original large stones were set along the TN/KY state line at 5-mile intervals along with 10 smaller supplement stones. Forty-five of the original 73 were recovered between 1990 - 1992 by the committee and a data sheet for each stone found was compiled and added to a reprint of the book “Four Steps West,” in 1992. Six stones lie in what is now Pickett County and only five were recovered by the committee.

With the continuing accessibility of survey grade GPS, in 2005 members of the same committee volunteered yet again to reorganize and retrace the remaining monuments. This time though, the goal was to establish GPS coordinates for each monument, along with two reference monuments so they could be reestablished if they were ever destroyed. As a resident of Pickett County and a member of the Tennessee Association of Professional Surveyors, I was tasked by the committee to locate the five monuments in Pickett County that remained. In 2012 the committee met to summarize our findings, at this time I was appointed five more monuments which were not reestablished to the west of Pickett County.

My parents, Hurlen and Rae Ann Whittenburg, were my survey crew for this project since it

(Continued on page 7)

The Interior Angle, Spring 2019

Stone marker photographed by Putnam Co. Rescue Squad, volunteer diver Tony Waters.

Surveyor Charles T. Whittenburg of Pickett County Tennessee, reflects on locating an 1859 state line marker, hidden by the waters of Dale Hollow Lake for the past 75 years.

In 1971 a book titled “Four Steps West” was written by author James W. Sames III, documenting the creation of a boundary line between Virginia and North Carolina, and Kentucky and Tennessee, compiling most of his findings from the archives of each state. According to the book, prior to 1859 the Tennessee Kentucky line had only been witnessed by hacked trees, which were harvested as the wilderness was settled. A final survey, known as the Cox and Peeples survey of 1859, was tasked to monument the entire dividing line between Tennessee and Kentucky with large engraved stones every five miles. It took 43 men, just over 12 months, at a total cost of \$47,987.07, to complete. Mr. S.W. Stanley of Warren Co., Kentucky was contracted to pre-



Stone #46
Not Recovered



Found Stone markers located as part of the Joint State Line Committee project.

was being done voluntarily, and on the weekends in the dead of winter. We typically do one or two each year. This year we did the first one to the west of Pickett County and in doing so I made a discovery. The original committee may have looked in the wrong location (east of Sulphur Creek on Dale Hollow Lake) for the missing monument. Now that I had a monument to the east and west of the missing monument, I thought I would try to recreate its position based on the distance from each stone I had found and mapped. The two stones I had located were 13 miles apart, which

left 3 miles of search area. I decided to calculate five miles west of Stone #47, to begin my search, surprisingly it put me on the boundary line between Pickett Co. and Clay Co. which is east of Boys Island on Dale Hollow Lake. So, then I considered maybe the original U.S. Army Corps of Engineers maps for the land acquisition of Dale Hollow Lake in 1942 could possibly have a location on what is known as Stone #46, which at that time would have been in place for 84 years. To my surprise it was labeled as clear as day.



Charles's parents, Hurlen and Rae Ann Whittenburg.

Utilizing my survey software, I digitized the Corps map and orientated it to the stones I had found to try and fine tune its location. Once I did, I was certain it was underwater at what is known as the Cook Pass east of Boys Island. I concluded that what is known as Cook Pass is most likely Coop Pass because the landowner at that location was Pauline Coop. However, I wasn't ready to give up just because it was un-

(Continued on page 9)

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The moment of truth. Diver, Tony Waters prepares to investigate the object found on Mr. Robertson's fish finder.

finally got his part of history, as did myself and Mitch. Using a waterproof camcorder, Tony confirmed in less than five minutes of diving, what Mitch had found, and I had calculated. The stone was in 27 feet of water and had not been seen since 1943. For the past 160 years it has held its position, and for the past 75 years it had been hidden under the lake's surface.

In my 18-year surveying career, I have yet to find a monument that old. It was believed to be lost forever, yet recovered by a surveyor, a fisherman, and a scuba diver. It is a story we will tell for years to come, and most likely, our story, will be our only reward for our treasure. In my opinion, those stories are worth the effort. They keep us looking for that next journey and inspire younger generations to follow in our footsteps.

Just imagine what Cox & Peeples would say if you told them that stone would one day be under 30 feet of water created by a dam that creates electricity for thousands of people, "What the heck is electricity?" most likely.

derwater, approximately +/- 30 feet by my calculations, so I discussed the entire project and my current findings with a local business owner and fisherman Mitch Robertson who volunteered to scan for the stone if I would furnish him the GPS location I had calculated. We decided that when the water level dropped from summer pool and the temperature was still comfortable, it would be the best time to attempt a scan. Mitch found an object on his fish finder that was within 20 feet of our calculated location, so we decided a diver would be the best way to verify his finding. Tony Waters of Putnam Co. Rescue Squad Dive Team came highly recommended. Mr. Waters vacations on Dale Hollow Lake and said he had always wanted to be diving and find something of historical importance.

On November 5th, at approximately 12:30 Tony

Typical reference monument set to preserve the location of stone markers when found.





2019 KY State Board of Licensure Board of Directors

The Kentucky State Board of Licensure for Professional Engineers and Land Surveyors (KYBOELS) was established by the General Assembly in 1938 to protect the public health, safety and welfare. This is accomplished through the licensing and monitoring of individuals and firms deemed qualified to practice.

Among the services KYBOELS provides to engineers and surveyors and the public are licensure, reciprocity, examinations, and investigations and regulatory compliance. KYBOELS is not associated with the Kentucky Society of Professional Engineers; however, KYBOELS resides in the Kentucky Engineering Center as a leasee of KSPE.

Statutes and regulations regarding engineering and surveying law in Kentucky are available on the KYBOELS website, <http://kyboels.ky.gov>. If you have specific questions not addressed here, please contact the board office at 800-573-2680 or 502-573-2680.

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Kentucky State Board of Licensure Calendar of Events 2019

April 5	PE, STR Vertical Exams	Louisville
April 6	STR Horizontal Exam	Louisville
April 25	Committee Meetings	Frankfort
April 26	Board Meeting	Frankfort
May 16-18	NCEES Joint Western/Southern Zone Mtg.	Boise Idaho
July 25	Committee Meetings	Frankfort
July 26	Board Meeting	Frankfort
August 14-17	NCEES Annual Meeting	Washington D.C.
October 24	Committee Meetings	Frankfort
October 25	Board Meeting	Frankfort
October 24	PE, STR Vertical Exams	Louisville
October 25	STR Horizontal Exam	Louisville

2019 Chapter Chairs

Audubon



Mike Ladnier, PLS
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Barren River



Chris Higgins, PLS
chrish@scottyscontracting.com

Bluegrass-Capital



Tim Tong, PLS
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Falls of the Ohio



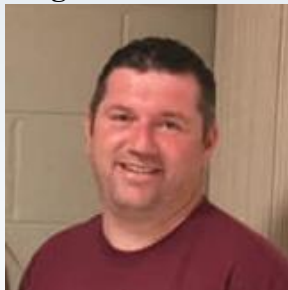
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Green River



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Northern Kentucky



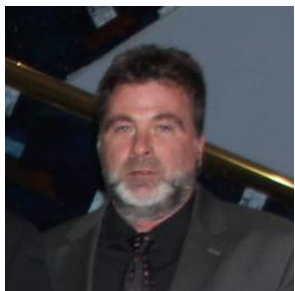
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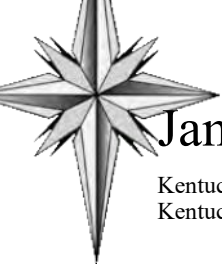
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The Board of Licensure Report

January 2019

Moving Forward

The Kentucky Board of Licensure for Professional Engineers and Land Surveyors strives to continuously improve its methods and procedures in order to provide the best service to its licensees and the public. Much of our efforts have been aimed at streamlining the application process to make it easier and faster to apply for a license while adhering to nationally recognized standards for education, experience and examinations. In doing so, we ensure that licensees possess the necessary training and experience to deliver safe and reliable professional services to the public while also enhancing license portability for those licensees who choose to be licensed in and work in multiple states.

Computer Based Testing

One of the biggest advances at the board in recent years has been the conversion of licensing exams from paper-and-pencil format to a computer based format. This is an ongoing effort on a national scale. The board has for many years used nationally standardized tests administered by NCEES, the National Council of Examiners for Engineers and Surveyors. NCEES has partnered with Pearson Vue, one of the most respected computer based testing firms in the world to convert all of its exams to a computer based format.

It has been, and continues to be a monumental effort. It involves many thousands of volunteer hours to expand the bank of exam questions as well as the efforts of dozens of experts in the science of testing to ensure that every exam is fair, unbiased and accurately measures the knowledge and ability of every examinee. From these efforts come many benefits.

- **Easier and Faster Access to Exams** – With the old paper-and-pencil format, exams were given only once, or at best twice a year and only at a limited number of locations. With computer based testing, an applicant can make an appointment to sit for an exam within a few weeks, and can take that exam at any Pearson Vue Testing center, anywhere in the country.
- **Enhanced Security** – Pearson Vue Testing Centers and the computer based tests they administer are significantly more secure than paper and pencil exams.
- **Faster Results** – With computer based testing, long waiting time to learn of one’s exam score is minimized. Results are reported in a matter of just a few days. Additionally, examinees who fail to make a passing score are provided detailed diagnostics about how they did on

the various knowledge areas that were tested. This helps examinees know where to focus their efforts as they prepare for re-examination.

- **Faster Retakes** – Given the ease with which one can schedule an exam and the fast reporting of results, licensees can easily schedule to re-take an exam.

Early Taking

The Kentucky Board has “de-coupled” the exam requirement from the experience requirement for licensure; in other words, candidates for engineering or surveying licensure no longer have to wait until after they complete their experience requirement in order to sit for the PE or PS exam. Anyone who has met the educational requirements for licensure and passed the fundamentals exam can take the PE or PS exam.

While licensure is still dependent on satisfaction of the experience requirement, de-coupling, combined with computer based testing enables applicants to get the exams out of the way and thus ensure that they can become licensed at the earliest possible date after they have met the experience requirements.

Current Status of Computer Based Testing

The conversion to computer based testing is going well and is on schedule.

As of today the exam process for land surveyors is completely computer based.

For engineers, we are still in a period of transition. The fundamentals exam, which is the same for all disciplines of engineering is computer based.

The principals and practice exams, which are discipline specific are being transitioned to the computer based format a few at a time. As of now, the PE exams for Chemical and Nuclear engineers are computer based. Other disciplines will be converted according to the timetable below.

- 2019 – Environmental, Petroleum
- 2020 – Mechanical, Fire Protections, Industrial
- 2021 – Electrical, Agricultural, Mining
- 2022 – Software, Naval Architecture

(Continued on page 14)



(Continued from page 13)

2023 – Civil

2024 – Structural

Other News - Late Firm Renewals

Any firm that missed the December 31, 2018 deadline to renew its Firm Permit (also known as Business Entity Permit) may still renew its permit online for up to a year from the date of expiration. The system will calculate a 10% per month late renewal penalty.

A word of caution however; the late renewal provision notwithstanding, the offering or providing of professional services through a firm having an expired permit is prohibited and can result in disciplinary action.

You can check the license/permit status of any person/firm using our online searchable roster... <https://elsweb.kyboels.kv.gov/kweb/Searchable-Roster>.

If after checking the roster you are still uncertain as to the status of an individual or firm, contact our office for assistance.

ENFORCEMENT ACTIONS SUMMARY

For The Period October 13, 2018– January 10, 2019

Kyle Elliott, Director of Enforcement

C2G DEVELOPMENT, LLC

On April 30, 2018, the Board received information from a licensee, that C2G Development, LLC, of London, KY, was advertising engineering services and did not have the appropriate business permit, nor did they have a professional engineer on staff, in violation of KRS 322.010. A Board investigation confirmed that C2G was advertising engineering services on their website and in printed material, without the proper permit or individual engineering license. To resolve the matter, C2G Development, LLC, through their manager, James William Cole (aka J.W. Cole), entered into an Agreed Injunction, which enjoins him from further advertising engineering services, and required him remove all references to engineering and engineering services from the C2G website and to destroy all printed material advertising engineering services. No penalty was assessed for the current violation, however, the Agreed Injunction calls for a \$1,000 fine and seven (7) days in jail for any future violations. The Agreed Injunction was entered into Franklin Circuit Court on November 13, 2018.

DANIEL STACY JOHNSON, PLS

Daniel Stacy Johnson, PLS, of London was disciplined for

committing violations of the surveying Standards of Practice, as set out in 201 KAR 18:150, and for continuing to practice on an expired business entity permit, in violation of KRS 322.060, Section 2. In 2016, the Board received a complaint from one of Johnson’s former clients. An investigation by the Board found that Mr. Johnson had failed to meet many of the requirements of the Standards of Practice, as set out in 201 KAR 18:150, for the complainant’s survey. An expanded review of Mr. Johnson’s recent boundary surveying work also revealed multiple failures to meet the Standards of Practice. In addition, during the investigation it was found that Mr. Johnson had continued to provide land surveying services in Kentucky through the business entity D & S Surveying, LLC, after the business entity permit had expired, in violation of KRS 322.060. This case was resolved through a Consent Decree wherein Mr. Johnson acknowledged the violations and agreed to: (1) pay a fine of \$2,000, (2) reinstate his business entity permit for D & S Surveying, LLC, (3) attend a live presentation of the Standards of Practice, Code of Conduct, and KRS 322 seminar within six-months, and (4) a two-year probation of his professional land surveying license during which time he will submit to a quarterly review of his land surveying work. The Board of Licensure accepted the Consent Decree on January 11, 2019.

HEATH A. DUMACK, PE

In December of 2017, the Board of Licensure learned that Heath A. Dumack, PE, of Penns Park, Pennsylvania, had been disciplined by the Delaware Association of Professional Engineers for his failure to meet the required continuing professional competency obligations. Based on a review of that case, it was determined that pursuant to the provisions of KRS 322.180, Section 11, a reciprocal disciplinary action by the Kentucky Board of Licensure was warranted. In addition, as part of this investigation, Mr. Dumack’s continuing professional development (CPD) obligations in Kentucky were audited, and based upon the documentation he provided for that audit, he had failed to complete the required thirty hours of qualifying CPD activities for the 2015/2016 reporting period. However, he subsequently made up the deficiency prior to renewing his license in 2017. The case was settled by a Consent Decree wherein Mr. Dumack acknowledged the violations and agreed to the following sanctions: (1) he shall receive a written Reprimand, (2) he shall submit proof of obtaining 30 professional development hours of qualifying CPD activities for the 2017/2018 reporting period within ten days of entry of the Decree, (3) and he

(Continued on page 15)



(Continued from page 14)

shall submit proof of 30 professional development hours of qualifying CPD activities for the 2019/2020 reporting period by not later than January 10, 2021. The Board accepted the Consent Decree on January 11, 2019.

DUMACK ENGINEERING, P.C.

During the investigation of Heath A. Dumack, PE, a principal in Dumack Engineering, P.C., a Pennsylvania corporation, it was determined that Dumack Engineering, P.C. had provided professional engineering services on three (3) projects located in Kentucky, between January 1, 2008 to March 7, 2016, without the required business entity permit, in violation of KRS 322.060, Section 1. The case was settled by a Consent Decree wherein Dumack Engineering, through its principal, Heath A. Dumack, acknowledged the violations and agreed to the following sanctions: (1) a fine of \$3,000, (2) he must file for and obtain an engineering business entity permit not later than ten days following entry of the Decree, and (3) Dumack Engineering shall be on probation for a period of two years, with quarterly reporting of Kentucky engineering projects. The Board accepted the Consent Decree on January 11, 2019.

MATTHEW A. DETTMAN, PE

On September 27, 2018, Matthew A. Dettman, of Bowling Green, entered into a "Plea Agreement" with the United States Attorney for the Western District of Kentucky, where he pled guilty to one felony count of "Wire Fraud" in violation of 18 USC Section 1343. Specifically, Mr. Dettman, devised a scheme to defraud Western Kentucky University, where he was employed as an engineering professor, by diverting concrete and soil testing payments for his own personal use, resulting in a loss to WKU of \$236,000. In the plea agreement, Dettman entered a plea of guilty to the charge and agreed to pay the victim, WKU, \$236,000 in restitution. In a Consent Decree with the Board of Licensure, Mr. Dettman acknowledged that his actions in this case constituted violations of KRS 322.180, Section 7 and 12, and the Code of Professional Practice and Conduct, 201 KAR 18:142, Section 4 and Section 9; and Mr. Dettman voluntarily surrendered his Kentucky Professional Engineer's license. The Board accepted the Consent Decree on January 11, 2019.

JAMES WILLIAM RUSH, III, PE

James William Rush, III, PE, of Prospect, was disciplined

for failing to comply with the Continuing Professional Development (CPD) requirements for professional engineers, in violation of 201 KAR 18:196, and for falsely representing on his 2018 online renewal that he had complied with the CPD requirements, in violation of KRS 322.180, Section 1. The case was settled by a Consent Decree wherein Mr. Rush acknowledged the violations and agreed to the following sanctions: (1) he shall receive a written Reprimand, (2) he shall pay a \$1,000 fine, (3) he shall provide proof of his participation in thirty professional development hours of qualifying CPD activities for the 2016/2017 reporting period, by no later than February 15, 2019, and (4) he shall provide proof of his participation in thirty professional development hours of qualifying CPD activities for the 2018/2019 reporting period by no later than January 10, 2020. The Board accepted the Consent Decree on January 11, 2019.

Enforcement Statistics Calendar Year 2018

Beginning of year complaint files active	50
Complaint files opened (33 engineering 23 surveying)	56
Investigations completed / complaint files closed	50
Year-end complaint files active	56
Complaints closed with no action warranted	20
Admonishments	9
Agreed injunctions / orders (unlicensed practice)	1
Reprimands, fines, probation, etc.	15
Suspensions ¹	1
Revocations / surrenders ²	4
Licenses Retired or Inactive ³	5
Other	1
Total complaint files closed	56

1. Includes suspensions of licensees who failed to comply with terms of a prior Consent Decree.
2. Includes revocations of licensees who failed to comply with terms of a prior Consent Decree.
3. Includes licensees who had failed to comply with CPD requirements and elected to retire their license.



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2019 KAPS Conference



Surveyor of the Year, Tom Bushelman, flanked by his wife, Pam Bushelman, and mentor, Jim Bertram.



Past Presidents (left to right): Josh Calico, Jason Graves, Jim Riney, Joe Mylor, Tom Crabtree, & Jon Payne





2019 Board of Directors, Front Row, Left to Right: John St. Clair, Mike Billings, Jason Graves, Kevin Phillips, James Mayo, Greg Barker, Randy Long, Jon Payne. Back Row, Left to Right: Chris Higgins, Mike Ladnier, Josh Calico, Craig Palmer, Tim Tong, Curtis Felts



2019 Scholarship Recipients from left to right: Mike Billings (standing in for his daughter, scholarship recipient, Grace Billings), Ethan Carr, John St. Clair, Sarah Knoth, and Justin Holt.



First year licensees, Nolan Mark & Clayton Baylor, with President-Elect, Greg Barker



Our entertainment, The Boxwood Brothers, Surveyor of the Year, Tom Bushelman, and Pam Bushelman in the Hospitality suite



Who knew surveyors were so funny?!



Justin Drury, KAPS Director & Editor of TIA



Special Guest, Mark Sargent, NSPS Vice President



Getting in those PDHs

ELEVATE YOUR GAME

Phantom 4 RTK Complete Surveyor Bundle

- DJI Phantom 4 RTK Drone
- D-RTK 2 Mobile Base Station
- Pix4D Mapper Perpetual License
- Built-In Display
- Accessories & Hard Cases
- Operational Training
- **FAA Part 107 Test Prep Training**

\$12,500



Wingtra PPK

- WingtraOne PPK VTOL Drone
- Sony RX1R-II 42MP Camera
- Ready-to-Fly Package
- PPK Processing Software
- Operational Training
- **FAA Part 107 Test Prep Training**

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KAPS at the 2019 KET Telefund

We raised \$20,000 for KET!



From left to right: Greg Barker, Josh Calico, Pam Bushelman, Tom Bushelman, Tim Tong, Moe Miller, Kevin Phillips, Rich Murphy, Justin Drury, and James Mayo



Saturday, December 1, 2018 at 10 a.m.

Kentucky Engineering Center, 160 Democrat Drive, Frankfort, KY

KAPS Board of Directors

CALL TO ORDER

KAPS 2018-2019 President-Elect, Greg Barker, calls the December 01, 2018 KAPS Board of Directors meeting to order.

PROXY VOTES:

Chris Gephart to Tom Bushelman - Jason Graves made a motion to accept. John St. Clair seconded. Motion carried.

MEMBERS PRESENT: Greg Barker – President-Elect, Josh Calico – Past President, Kevin Phillips – Vice President of Internal Affairs, Bob Smith – Vice President of External Affairs, James Mayo – Director/Treasurer, Jason Graves – Director/Secretary, Richard Murphy – Director, Tim Woodcock – Director, Tom Bushelman – Director/ByLaws and Policy Manual, Justin Drury – Director/Publications, James Knoth – Purchase Chapter Chair, Tim Tong – Bluegrass/Capital Chapter Chair, Eric Spurrier – Falls of the Ohio Chapter Chair, Brent Webster – Northern Kentucky Chapter Chair, Jonathan Payne – Membership Committee Chair, John St. Clair – Scholarship Committee Chair

STAFF PRESENT: Jackie Hawkins – Administrative Assistant

GUESTS PRESENT: Mike Billings (Falls of the Ohio), Ed Manning (KYBOELS), Kyle Elliott (KYBOELS)

MEMBERS ABSENT: Nick Jerdon – President, Mike Ladnier – Audubon Chapter Chair, Johnny Justice – Highlands Chapter Chair, Neil Grande – Southeast Chapter Chair, Bob Neuhas – Barren River Chapter Chair, Craig Palmer – NSPS Director, Chris Gephart – KYBOELS Liaison

PRESIDENT’S WELCOME

President-Elect Greg Barker welcomed everyone to the meeting and thanked them for making their effort to make the meeting. Introductions were made.

ADDITIONS OR REVISIONS TO THE AGENDA

None

REVIEW AND APPROVAL OF BOARD MEETING MINUTES

The minutes of the April 7, 2018 and September 08, 2018 meetings were reviewed. Jason Graves made a motion to approve the minutes. Josh Calico seconded. Motion carried.

KAPS OFFICER REPORTS

President’s Report – No report

President Elect’s Report – No report

Treasurer’s Report – No report, Balance sheet provided. Jason Graves made a motion to approve the minutes. James Knoth seconded. Motion carried.

Administrative Assistant’s Report – No formal report. Jackie indicated that she is in need of clarification of requirements for “involved chapters” to earn the additional funds from setting up fall seminars as well as general guidance on what is expected of this position and the timing associated with items.

OLD BUSINESS

a) Office space and storage – No additional discussion

b) KAMP Liaison – Jason Graves has emailed Stephen Chino about this position

c) Seminar profit distribution – Mike Ladnier, Tom Bushelman and Jon Payne are working on distribution details.

(Continued on page 23)



d) Conference profits (\$7000.00) – Mike Ladnier, Tom Bushelman and Jon Payne are working on distribution details.

e) Red Cross course approval (2018 conference)

f) Annual picnic

g) Low membership (170 members as of 09/08/2018 – up to 194 full members by 11/30/2018)

NEW BUSINESS

a) Next KAPS Board of Directors meeting – Wednesday, February 6th, 2019

b) KAPS Board of Directors meeting – Thursday, February 7th, 2019

c) Updating KAPS booth with new backdrop and obtaining materials relevant to attracting new talent. Jason Graves will get prices together.

d) Website update – No update

e) Investment account – Return has been about 3%. Due to the nature of KAPS’ investment account not needing a maturing date it was recommended that KAPS move their money into a more aggressive investment account. James Knoth made a motion to move 70% of KAPS investment account into an ultra-aggressive account and 30% into a moderately-aggressive account and 100% of scholarship account into an ultra-aggressive account. This motion was seconded by Jason Graves. Motion carried.

f) BOL reorganization – Ed Manning and Kyle Elliott were on hand to update KAPS on the current initiative of the Governor’s office to reorganize the boards of licensed occupations, professionals and trades. This new bill does open up KRS 322 and the potential for updating the definition of a “land surveyor” is there. It is not known, by Mr. Manning, if it is an opportune time to do so. A motion was made by Kevin Phillips to write a letter in support of the new language to reorganize the boards with the edited language of defining teaching of boundary and legal principles of land surveying as a part of the

definition of a land surveyor. This was seconded by Bob Smith. Motion carried.

EX-OFFICIO DIRECTORS REPORTS

GIAC Liaison – no report

KAMP Liaison – no report

KY State Board of Licensure Liaison – no report

KSPE Liaison – no report

NSPS Director – no report

Professional Development Chair – no report

CHAPTER REPORTS

Audubon – no report

Barren River – no report

Bluegrass-Capital – no report other than to state their chapter will be having a Christmas dinner on 12/13/2018.

Falls of the Ohio – written report provided in packet

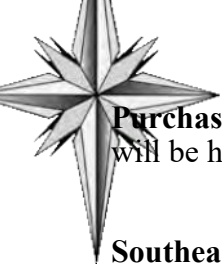
Green River – no report. Meeting was held in November and they are currently working toward increasing membership.

Highlands – no report

Northeast (inactive) – no report

Northern Kentucky – no report. 25 people attended fall seminars in their chapter

(Continued on page 24)



Purchase – no report other than to state their chapter will be having a Christmas dinner on 12/13/2018.

Southeast – no report

COMMITTEE REPORTS

Annual Conference – No report (Conference committee meeting to be held after BOD meeting)

Annual Golf Outing and Picnic – no report

By-Laws – no written report – Mr. Bushelman stated that he will be updating the by-laws with recent changes.

County Surveyors – no report

Education – no report

Ethics and Professional Practice – no report

Finance – no report

Legislative – no report

Membership – no written report. Jon Payne compared member lists and based on names of previous members he was able to conclude that the mailers that KAPS mailed out attracted 9 new members. 6 new members were needed to cover the costs of the mailers. Kevin Phillips, at the suggestion of Jon Payne, made a motion to approve fees to cover a mailing to non-members to make them aware of our upcoming annual conference. Tom Bushelman seconded the motion. Motion carried.

Nominating – no report

Past Presidents – no report

Policy Manual – no written report – Mr. Bushelman stated that updates need to be made to the policy manual.

Public Relations – no report

Publications / Newsletter – no written report

Scholarship – no report. Mr. St. Clair thanked the KAPS Board of Directors for ensuring that KAPS is maintaining scholarship funds.

SPECIAL COMMITTEE REPORT

KY / TN State Line Monument – no report

Board of Licensure Nominations – Report in packet.

Continuing Education Hours – no report

KAPS / KAMP Joint Conference Committee – no report

ADJOURNMENT

Jason Graves motion to adjourn. Tom Bushelman seconded. Motion carried. Meeting adjourned.

Submitted by Jason Graves, PLS, Secretary

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Land Surveyor Wanted



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- Combined experience of 44 highly-trained employees
- Professionals registered in multiple states:

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West Virginia
Virginia
Ohio

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LEXINGTON, KY 40509
O: 859-264-9860
F: 859-264-9106

P.O. BOX 3007
265 HAMBLEY BLVD.
PIKEVILLE, KY 41502
O: 606-432-1447
F: 606-432-1440



Registered Land Surveyor

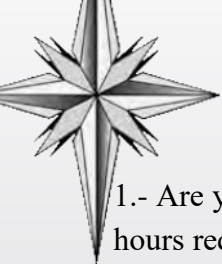
Summit Engineering, Inc. is seeking a registered land surveyor for its Pikeville, KY office. Individual will be responsible for technical and supervisory work coordinating survey crews and office staff engaged in multi-disciplinary organization which includes design, control, ALTA Land Title, boundary, construction surveying, deed research, and preparing maps and associated legal descriptions. Must have knowledge operating robotic total stations, data collectors and GPS equipment. 3+ years of professional experience preferred.

Minimum qualifications:

- Dependable – demonstrated by history
- LS in Kentucky
- Skill in use of surveying equipment, computers, and CAD
- Ability to read, interpret, and comprehend highway plans, topographical maps, and surveying data
- Ability to supervise and direct the work of others
- Ability to interpret technical data and prepare detailed report of survey
- Ability to write precise metes and bounds descriptions
- Valid Kentucky Driver's License
- Proficient with RTK GPS, Data Collection & Carlson Surveying Software

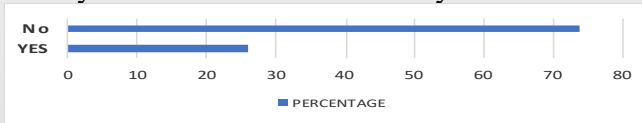
Summit Engineering Inc. is a multi-disciplined Engineering, Surveying, and Architectural firm. Summit offers a small, flexible work environment and benefits including: health, 401k, profit sharing, and more. Email resume to resume@summit-engr.com or visit our website at www.summit-engr.com for more information.

Summit Engineering, Inc. is an equal opportunity employer.

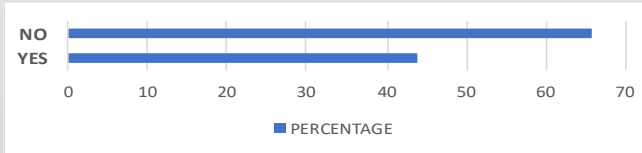


KAPS CONFERENCE 2019 POLL RESULTS

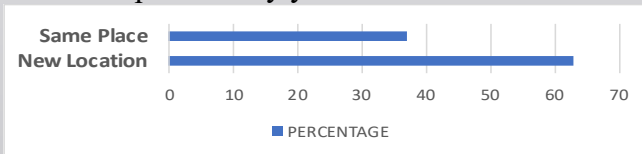
1.- Are you in favor of increasing the minimum number of Continuing Education/Professional Development hours required for Land Surveyors in the State of Kentucky?



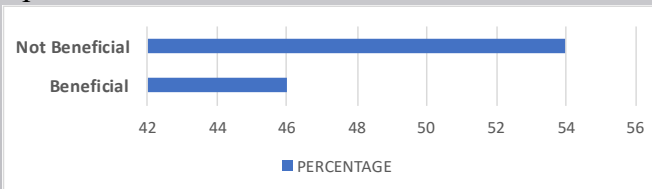
2.- Are you currently using 3D scanning, and or UAV/Drone technology, as part of your surveying practice?



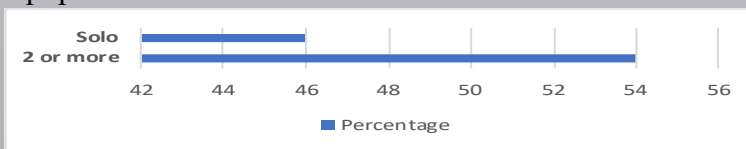
3.- Do you prefer the annual KAPS conference to be in a new location each year's conference, or pick one popular location and have in same place every year.



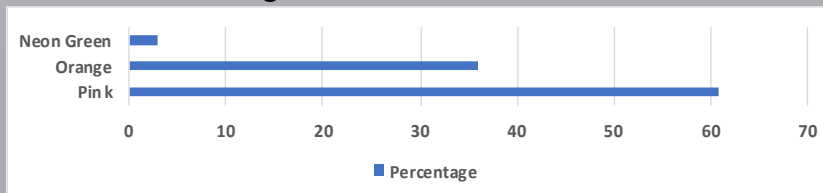
4.- Do you feel requiring a four-year degree to become a Licensed Land Surveyor in the State of Kentucky has been beneficial to the profession?



5.- Would you say your typical survey crew(s) consist of two or more people, or one person using a robotic total station and or GPS equipment?



6.-Best color for Survey Ribbon / Paint / Flags?



-Thanks to everyone who attended this year's KAPS Conference, and participated in our poll.

Again, please send any comments, story ideas, pictures, topics you would like to see covered, to editor@kaps1.com - Justin Drury (PLS and Editor of The Interior Angle)



2019 KAPS Golf Scramble

**My Old Kentucky Home State Park
668 Loretto Rd, Bardstown, KY 40004-0323**

Friday, June 14, 9:00 a.m. EST

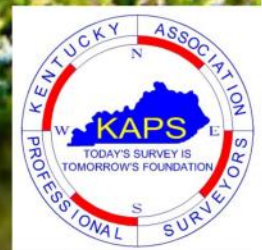
**\$75.00 per player • no refunds
(18 hole-greens fees, cart & lunch included)
1st, 2nd & 3rd place prizes awarded**

**Register as four person team or individually
Deadline for registration: June 7, 2019**

**Please return registration form to:
KAPS, P.O. Box 211418, Louisville, KY 40221
Or email to jackie@kaps1.com**

***Sponsorship Benefits the KAPS Scholarship Fund**

KAPS Family Picnic to immediately follow!



Player 1 _____ Avg. Score _____ Player 2 _____ Avg. Score _____

Player 3 _____ Avg. Score _____ Player 4 _____ Avg. Score _____

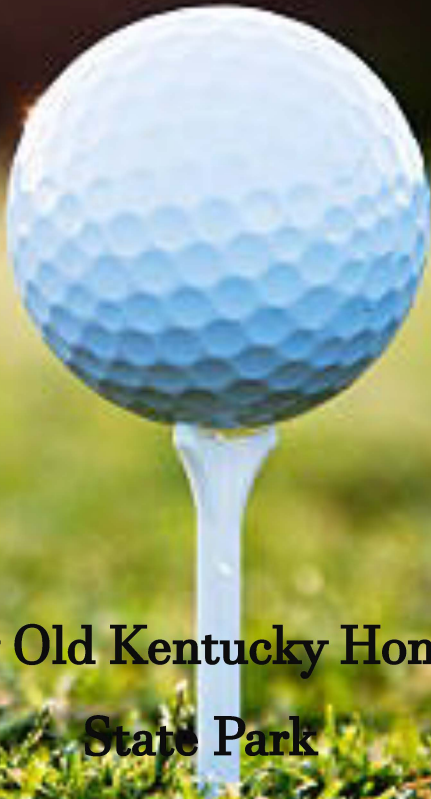
Address _____ Phone _____

Check Cash Email for invoice: _____
Payment by credit card/online will incur an additional fee.

Contact Bob Smith, 270.566.0567 or bsmithpls@yahoo.com for more information.

2019 KAPS
GOLF HOLE SPONSORSHIP

Friday, June 14
9:00 a.m. EST



My Old Kentucky Home
State Park

668 Loretto Road
Bardstown, KY 40004

PLEASE RETURN FORM & SPONSORSHIP TO:
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or jackie@kaps1.com

***Sponsorship Benefits the KAPS Scholarship Fund**

Select sponsorship choice:

- KAPS Hole Sponsor Sign - \$100 (sponsor sign)
- KAPS Hole Contest Sponsor - \$200 (sponsor sign near contest)
- KAPS Major Sponsor - \$250 (sponsor sign; half page ad in *The Interior Angle*)
- KAPS Bronze Sponsor - \$350 (sponsor sign; 4 person team)
- KAPS Silver Sponsor - \$500 (sponsor sign; 4 person team; hole contest sponsor)
- KAPS Gold Sponsor - \$1,000 (sponsor sign; two - 4 person teams; hole contest sponsor; listing as major sponsor at outing)

Name for Sign _____

Address _____ Phone _____

Check Cash

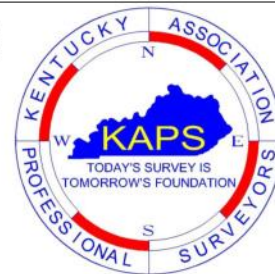
Email Invoice for Online/Credit Card Payments (additional fees apply):

Contact Bob Smith, 270.566.0567 or bsmithpls@yahoo.com for more information.



2019 KAPS PICNIC

Friday, June 14, 2019
1:00 p.m. EST



**My Old Kentucky Home State Park
668 Loretto Road
Bardstown, KY 40004**

Fees cover lunch, optional competitions, & door prizes (please bring your own cooler & lawn chairs)

Planned activities include but are not limited to: Compass & Chain Challenge, Timed Survey Events, Pacing, & Survey Instrument Setups

Family events include: games, corn hole, & kids activities

Please register by June 7, 2019

Make checks payable to:
KAPS P.O. Box 211418, Louisville, KY 40221 or email
jackie@kaps1.com

Name _____

Address _____

City, State, Zip _____

Adult (13 & up) #: _____ x \$17 = _____

Children (under 13) #: _____ x \$0.00 = \$0.00

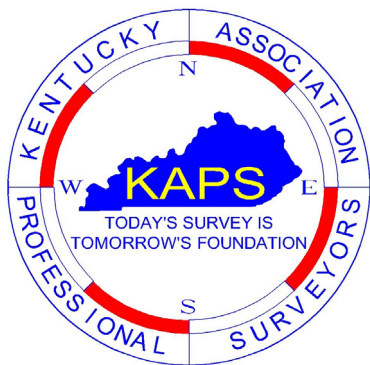
Kids 17 & under names & ages:

Check Cash

Email for Invoice: _____
credit card & online payments subject to additional fees

Contact Bob Smith, 270.566.0567 or bsmith-pls@yahoo.com for more information.

For Accommodations Visit: <http://www.visitbardstown.com/tourism/hotels-motels.html>



KAPS 2019 MEMBERSHIP APPLICATION

Please send completed form to: Email - jackie@kaps1.com
 USPS - KAPS • P.O. Box 211418, Louisville, KY 40221
 Register online at www.kaps1.com

Name _____ Spouse _____

KY County _____ Chapter _____ KY PLS # _____ Birthdate _____

Home Address _____ City _____ State _____ Zip Code _____

Email Address _____ Highest Degree _____

Home Phone _____ Cell Phone _____

If you are NOT a resident of Kentucky, are you a member of your state survey association? YES NO

Business Name _____

Address _____ City _____ State _____ Zip Code _____

Business Website _____ Business Phone _____

Notification Preference: Email USPS to Home USPS to Business

I HEREBY CERTIFY THE STATEMENTS MADE ON THIS APPLICATION ARE CORRECT AND THAT, IF ELECTED, I AGREE TO BE BOUND BY THE CONSTITUTION AND BY-LAWS OF THE ASSOCIATION.

Signature _____ Date _____

CLASSIFICATION OF MEMBERSHIP

- Associate Member \$ 97.50
- Business Member \$ 390.00
- Corporate Member* \$ 390.00
- First Licensed Year Mbr \$ 0.00
- Full Member (Jan – Dec) \$ 220.00
- Lifetime Full Member \$4,400.00
- Student Member \$ 0.00
- Other: _____ \$ _____

Check Enclosed or Invoice Me at

 Email Address (Please do not include your credit card number on this form)

There is an order fee added to all credit card and PayPal payments. Save money by sending a check!

For Office Use Only

Check # _____ Amount Paid: \$ _____

Date Paid: _____ Staff Rcvd: _____

Name if different than Registrant: _____

SEE REVERSE FOR IMPORTANT MEMBERSHIP INFORMATION →



“FULL” AND “LIFETIME FULL” KAPS MEMBERS WILL AUTOMATICALLY BE MEMBERS OF NSPS (National Society of Professional Surveyors).

***Descriptions taken from the KAPS By-Laws / Article III / Section 2 Classifications and Qualifications**

FULL MEMBER: Full Membership shall be granted, upon application to the Board, to any person licensed to practice land surveying in the Commonwealth of Kentucky. Except as otherwise hereinafter provided, such membership shall continue, as long as the person's rights to practice land surveying is maintained. A Full Member shall enjoy all rights and privileges of membership in KAPS.

- **LIFETIME FULL MEMBER:** Lifetime Full Membership shall be granted upon conditions listed above with one lump sum payment equal to 20 years of the current Full Member dues rate.
- **FIRST LICENSED YEAR:** KAPS offers Full Membership free of charge to newly licensed individuals.

ASSOCIATE MEMBER: Any person who is non-licensed but has an interest in land surveying shall be eligible for Associate Membership in KAPS. Associate Membership shall be granted upon recommendation by a Full Member and application to the Board. An Associate Member shall have all rights of Full Membership except the rights to vote and hold office.

CORPORATE MEMBER: Any firm or organization engaged in the practice of land surveying shall be eligible for Corporate Membership provided that either a principal of the firm or a person in responsible management position of surveying for the firm is a Full Member of KAPS. Corporate Membership shall be granted upon application to and majority approval by the Board. Corporate Members shall only have such rights or privileges as may hereinafter be provided or which may be accorded at the discretion of the Board. Corporate Members may enroll full-time employees as KAPS members under the appropriate category at a 20% discount from the full price.

BUSINESS MEMBER: Any firm or organization who is non-licensed but has an interest in land surveying shall be eligible for Business Membership in KAPS. Business Membership shall be granted upon recommendation by a Full Member and application to the Board. A Business Member shall only have such rights or privileges as may hereinafter be provided or which may be accorded at the discretion of the Board. Business Members may enroll full-time employees as KAPS members under the appropriate category at a 20% discount from the full price.

STUDENT MEMBER: Any full-time student with an interest in the profession of land surveying shall be eligible for Student Membership. Membership shall be granted upon application and approval of the Board of Directors. Student Members shall have all rights of membership except the rights to vote and hold office, except within a Student Chapter.