

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.

Articles and advertisements appearing in this publication are not the policy of the association unless specifically stated. The association does not assume any responsibility for statements made or opinions expressed in the articles, advertisements, or other portions of this publication. Articles may not be reproduced in whole or in part without the written permission of the editor.

The Interior Angle welcomes and encourages comments, opinions, and responses by the readers. Letters should be addressed to

KAPS

P.O. Box 436451

Louisville, KY 40253

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

All advertisements are published as a service to the readers and their publication does not imply or express any endorsement or recommendation by KAPS. The advertising rates are:

Full Page Ad	\$225 per issue / \$800 per year
½ Page Ad	\$125 per issue / \$450 per year
¼ Page Ad	\$85 per issue / \$300 per year
Business Card	\$60 per issue / \$220 per year
Business Card (KAPS Member)	\$30 per issue / \$110 per year
Classified	.\$50 per issue
Classified (KAPS Member)	.\$25 per issue

Corporate Members may receive a free business card ad in every issue at their request.

KAPS 2022 Officers & Directors

President ... Greg Barker
President-Elect ...Bob Smith
Vice President,
External Affairs ...Josh Calico
Vice President,
Internal Affairs ... Kevin Phillips
Past President ... Nick Jerdon
Secretary ...Jason Graves
Treasurer ...James Mayo

Ex-Officio Directors

Professional Development Chair ...
Josh Calico
NSPS Director ...Craig Palmer
KY BOL Liason ...
KSPE Liaison ... Mike Billings
GIAC Liaison ... Tim Tong
KAMP Liaison ... Craig Palmer

Directors

James Mayo
Jason Graves
Rich Murphy
Tim Woodcock
Tom Bushelman
Justin Drury

Standing Committee Chairs and Co-Chairs

Annual Conference...Greg Barker Annual Picnic...Bob Smith By-Laws...Tom Bushelman County Surveyors...Bob Smith Education...James Knoth Ethics & Professional Practice... Finance...James Mayo Legislative... Membership...Rich Murphy Nominating...Bob Smith Past Presidents...Nick Jerdon Policy Manual...Tom Bushelman Professional Development... Josh Calico Public Relations...Kevin Phillips Publications/Newsletter...Jon Payne Scholarship...John St. Clair

Office Staff

Nancy Broyles, Administrative Assistant nancy@kapsl.com



Special Committee Chairs

Kentucky/Tennessee Boundary Stone...Mike Ladnier

Board of Licensure
Nominations...Greg Barker

Continuing Education Review Committee...Josh Calico

Chapter Chairs

Audubon...Mike Ladnier

Barren River...Chris Higgins

Bluegrass...Tim Tong

Falls of the Ohio...Ben Shinabery

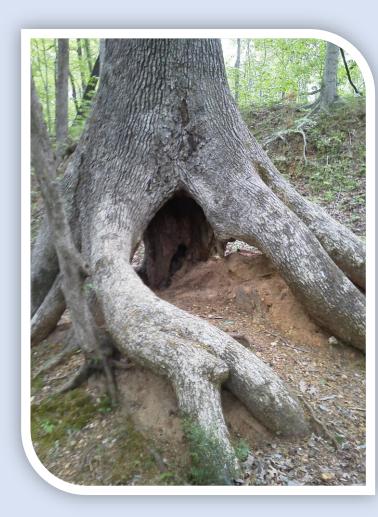
Green River...Mike McKinney

Highlands...Johnny Justice

Northern Kentucky...David Blaker

Purchase...James Knoth

Southeast...Curtis Felts



What interesting trees we happen upon while surveying. Picture by Jon Payne



Table of Contents

From the President's Desk	Page 6
Feedback	<u>Page 10</u>
In Memorium, Jim Meredith	Page 12
Getting to Know James Knoth, PLS	Page 16
Board of Licensure Report	<u>Page 20</u>
Most Unusual Monument Set/Found	Page 31
Conference 2022 Updates	<u>Page 37</u>
KAPS Board of Directors Minutes	<u>Page 38</u>
Become a KAPS Member	Page 42

Greg Barker, PLS bls3913@yahoo.com

From the President's Desk



Greeting Surveyors, and survey junkies,

This will be my last letter to you as President of KAPS. This term has had its challenges. We lost two executive administrators. Battled COVID 19, and now the variants. We lost several fine men who spent their lives dedicated to our profession. We were hit by two tornados ripping through the western part of our state. We moved the conference from February to September, so we could remain in person. We were blessed by an exciting new group of surveyors known as the Kentucky Young Surveyors Network (KYYSN).

I spoke with Rick Tosh, Matthew Clark and James Knoth after the tornados ripped through the western part of our state. I am happy to report, they were already searching to see who might have been hit. To the best of my knowledge, our members escaped damage. If you are aware of any surveyors who may need our collective help, please contact us.

NSPS contacted KAPS to ask us to make sure surveyors know that they have a disaster relief program ready to assist surveyors who may have endured tornado damage. Applications and more information can be found at the link below.

<u>Disaster Relief - National Society of Professional Surveyors</u>
(nsps.us.com)

KAPS takes volunteers willing to spend volunteer hours to keep it moving. I owe many thanks to some very busy surveyors who made time for KAPS. The executive board was really put to work. COVID changed many things, one of which was Zoom meetings. Bob Smith,

Greg Barker, PLS bls3913@yahoo.com

From the President's Desk



James Mayo, Kevin Phillips, Josh Calico and I were able to "meet" once, sometimes twice a week, to work. There were times when Josh was being the caravan driver for his son's and daughter's sporting events. Kevin was working in the field after dark or just heading back in. James was usually still at the office. Bob was out in the field working a lot too. Thank you for your sacrifice. KAPS couldn't exist without men like you.

Nancy Broyles is a heroin. We interviewed a few candidates for the vacated Administrative Assistant position, and quickly realized that Nancy was our best bet. She has really knocked it out of the park. She has met the challenge to adjust to a bunch of blabbering surveyors who can't stay on subject if there is a gun pointed to their heads, the conference of 2021, web site, and now the conference for 2022, plus many other miscellaneous things in between. Thank you, Nancy. You are an amazing part of the team.

Josh Calico has been selected to fill the latest vacancy on the Board of Licensure. He has been a very active member of KAPS over the last few years and will be hard to replace. Josh thank you for your dedication. You will be greatly missed.

I also want to thank The Conference Committee of 2021, consisting of the Executive Board, Jon Payne, Rich Murphy and Nancy Broyles. Conference is a many faceted event. You met every challenge thrown at us.

Greg Barker, PLS bls3913@yahoo.com

From the President's Desk



The fall Conference Committee 2022 has chosen the Holiday Inn in Bowling Green. We have most of the three-day class schedule together, but still need a few more classes. If you have a one-to-four-hour survey subject you can speak on, please contact us. There are perks involved.

There will be a general membership meeting in Feb 2022 by ZOOM to vote in new officers. The Board of Directors consist of the Chair of each chapter and Directors voted in by the general membership and the BOD. If you would like to invest in our profession, contact Bob Smith, President Elect.

Thank you for the opportunity to serve. Greg Barker



R12i

INTEGRATED GNSS SYSTEM

ACCURATE, RELIABLE, PRODUCTIVE.

The Trimble R12i delivers unmatched GNSS performance, speed and accuracy to boost your productivity like never before. With improved performance in challenging GNSS conditions and robust IMU-based tilt compensation that lets you forget about leveling the pole, you'll get more done faster than you thought possible.



+++++++++++++++

TSC5

EVERY DAY EXTRAORDINARY.

The Trimble TSC5 controller is an Android-based survey controller featuring a five-inch screen and full keyboard—ensuring fast, efficient operation, even while wearing gloves. Rugged yet lightweight, with all-day battery power, the TSC5 is easy to carry and easy to use. Combined with Trimble Access* software to do precise field data collection, the TSC5 offers the ideal blend of high performance and reliability you expect from Trimble.







Get more info or pricing! yourprecision.com

Louisville

- 1420 Hugh Avenue Louisville, KY 40213
- **()** 502-459-1300
- Louisville@yourprecision.com

Lexington

- 1275 Industry Road, Suite #110 Lexington, KY 40505
- 859-721-1300
- 9
- Lexington@yourprecision.com

Jon Payne, PLS jpayne3536@gmail.com

Feedback



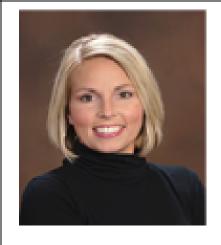
First a brief explanation of the new appearance of The Interior Angle.

With some recent resignations, The Interior Angle has been on hold for a bit. I volunteered that I would try to get a run of the magazine going again as it is one of the main methods in which KAPS disseminates information to KAPS members. I have zero experience or expertise in formatting or editing any type of magazine or newsletter. So, if there are any suggestions (or even better volunteers to help) to improve on the appearance or content of The Interior Angle, please share them with me at the email address above.

Next, my intention is to try to revive the "Getting to Know" section where we used to get to learn a little something about our colleagues. I plan to alternate around the chapters for each installment. I'll skip some of the folks we have already heard from in order to get new people involved. I will also be seeking a brief article about an interesting survey, monument, deed, or anything you can think of from various members and will again try rotating that around to different chapters each issue.

Any help or suggestions will be appreciated.

Regards, Jon Payne





Holly L. Gill-Gaither, CIC holly@walkerprofessional.com

20 years dedicated to design and land surveyor firms for Professional Liability & Property & Casualty Insurance

Specialist in insurability contract review and risk management resource

Independent agent with direct access to competitive markets for Land Surveyors

In Memoriam, Jim Meridith

By: Curtis J. Felts, PLS



IN REMEMBERANCE

James Quinton "Jim" Meredith, was born on March 6, 1939, in Leitchfield, Kentucky, and at the age of 82, passed away on August 2, 2021, at Advent Health Hospital, located in Manchester, Kentucky. Jim is survived by three children, son Greg, daughters Beth and Kim, eight grandchildren and one great-grandchild and by his wife, Betty and her two children, son Terry Wayne and daughter Becky, two grandchildren and four great-grandchildren. Funeral services were held August 6, 2021, at the Britton Funeral Home, Manchester, Kentucky and also August 7, 2021, at the Dermitt Funeral Home, Leitchfield, Kentucky. Entombment followed at the Walnut Hill Cemetery located in Leitchfield.

James Quinton "Jim" Meredith served as the 1972 President of the Kentucky Section: American Congress on Surveying and Mapping. In 1981, the Kentucky Section became The Kentucky Association of Professional Surveyors (KAPS). During the early years, Jim and other founding fathers provided the professional leadership required for the foundation and establishment of currant day KAPS. Today, KAPS is recognized as the professional association which represents the land surveying profession in the Commonwealth of Kentucky.

In 1957, Jim first started land surveying with on-the-job training. Following his daily job, to better his skill and knowledge, Jim would study surveying and train with the transit at home. Jim's dedication prompted his project manager to assign him with more responsibilities. From that time forward, Jim was hooked and land surveying became his career. During the early years, Jim assisted and preformed survey projects in Georgia, Alabama, Florida, Mississippi and Panama. Jim was most proud of the construction survey of the Apollo 13 launch pad located at Cape Canaveral, Florida.

In the early 1960's, Jim returned to his native Western Kentucky home of Leitchfield. Most of his survey projects were performed in Grayson and Breckinridge Counties. In 1966, the Board first began licensing land surveyors. In 1967, Jim was licensed as a Professional Land Surveyor by the Kentucky Board of Licensure for Professional Engineers and Land Surveyors.

In 1967, Jim moved to Clay County, Manchester, Kentucky, located in Eastern Kentucky, at the foothills of the Appalachian Mountains. He began his eastern Kentucky career working for Park Aerial Surveys. In 1975, Jim founded his own surveying firm, Meredith General Surveys, Inc (MGS). MGS's first surveying contract was with the United States of America Forest Service (USFS). The project was located at Buckhorn Lake, in Perry County, Kentucky. This would be the first of many Eastern Kentucky USFS projects MGS would complete over the next thirty-six (36) years. MGS's survey office was located prominently above the Manchester Post Office. MGS would become one of the longest continuously operated and most successful land surveying firms in Kentucky. In the late 1980's, Jim moved MGS to a new office site, located on Kentucky State Route #421, just north from Manchester. Jim worked from his new office site until his retirement in 2011, although he never really retired from his love of land surveying. Over the years, one thing which never changed was Jim's love of coffee. He always had a cup of coffee in his hand. Following his retirement, Jim had the foresight to preserve his historic MGS survey records with the Clay County Historical Society (CCHS), located in Manchester. These surveying records describe and illustrate the lands Jim surveyed and are part of Eastern Kentucky history forever. The records, including field notes and survey plats, may be researched at the office of the CCHS.



Jim loved nature, history, coin collecting, discovering old property boundary monuments and the people and hills of eastern Kentucky. He especially loved farming and his Grayson County Black Angus cattle that he cared for on most weekends, until the early 1990's. Throughout his career, Jim took extreme pride in the precision and accuracy of his survey work. Jim enjoyed passing his knowledge and experience down to other surveyors, professionally mentoring and training many others. His smile and kindness shall always be remembered.

The Southeast Chapter of KAPS shall pay tribute to Jim by placing a Berntsen International and National Society of Professional Surveyors Final Point Monument at his Walnut Hill Cemetery entombment site, Leitchfield, Kentucky. A special thanks to family and friends for sharing information used herein.



FOCUS 50

FOCUS 50 for Every Way You Work

The Spectra Geospatial FOCUS 50 is a robotic total station you can customize to fit your needs. Available in three models, with your choice of accuracy, the FOCUS 50 features the smoothness of MagDrive", the stability of SurePoint", and it is compatible with the latest Spectra Geospatial Origin software. The incredibly versatile instrument can be used with the Ranger 5, the Ranger 7, or a tablet. Easy-to-use, affordable and tough, the FOCUS 50 delivers high performance and versatility to tackle a variety of challenging and everyday surveying tasks.









The FOCUS 50 solution is best described as Simply More Powerful. Packaged in a modern, sleek, and streamlined design, it is easy-to-use, affordable, and tough.

Contact Us Today for Special Introductory Package Pricing

Louisville

- 1420 Hugh Avenue Louisville, KY 40213
- \$ 502-459-150D
- Louisville@yourprecision.com



PRECISION **PRODUCTS**

Lexington

- 1275 Industry Read, Suite #110 Lexington, KY 40505
- 808-721-1300
- Lexington@yourprecision.com

Your Premier Spectra Geospatial Dealer for Kentucky and Tennessee

Whether your day calls for precision field data collection or stakeout and layout, you can depend on the Ranger 5 to get the job done.



RANGER 5

Right for You, Right for your Job

The Spectra Geospatial Ranger 5 is the fifth-generation with a heritage that traces back to the first modern field computer for land surveyors. From the beginning, the Ranger has been designed to help you get every job done consistently, efficiently-and right. This hard working, Android-based survey field data collector is built to handle a full range of tasks thanks to many unparalleled features:

- Backlit international alphanumeric QWERTY keypad enables fast and efficient data entry, even in tough conditions
- Ergonomic design, lighter weight and easy to grip means less onsite fatigue
- Brightly lit, anti-glare screen is easy to use and helps you get more done even in high glare and low light conditions
- All day battery, backed up by a removable battery option helps you power through the day
- Built-in Bluetooth, Wi-Fi, GNSS, worldwide WWAN, and a rear facing camera, make it easy to capture videos and images, send and receive data and access the Internet

Getting to Know ... James Knoth, PLS



What started you in the surveying profession and what about surveying has held your interest such that you stayed with it?

My dad started me in the surveying profession. He worked for the state and was able to retire at 44. When I was 12 years old, I went to work on a survey crew chopping bushes, driving pins, and packing things. I stayed in it because I always like playing in the woods and creeks and surveying allowed me to do it for a living.

Tell us about one of your more memorable surveying projects.

We surveyed a farm on the trade water river which part of the boundary ran along a line of bluffs which were in some places 40 or fifty feet straight up. It was the closest to mountains that western Kentucky has to offer.



Getting to Know ... James Knoth, PLS

In your opinion, what are the benefits of being a member of KAPS and what would you suggest KAPS could do to be of more benefit for its members?

I like the fact that even though Boundary Surveying has increasingly grown into a solitary profession, being a member of KAPS gives us all an opportunity to talk "shop" with folks who understand what we are talking about. I would say that this "shop" talking is a great benefit as an informal classroom which allows us to grow as individuals and professionals.







In your professional surveying career, what is something you are most proud of accomplishing?

I am proud of the young people that have come through my office and later became licensed.

Getting to Know ... James Knoth, PLS



What do you do to unwind and step away from the work aspect of surveying?

I enjoy reading books. I think that reading books of any topic is way underrated.

Tell the readers something your colleagues may not be aware of about yourself.

I tell almost everyone that I meet or talk to on the phone that if they have a young person in their life that does not know what they want to do for a living, surveying is a great way to make a living.





Click here for a video of The Underground Detective

The Board of Licensure Report July 2021 Kyle Elliott, Executive Director

James Ed Manning - Retirement

James Ed Manning, PE, PLS has retired from the Board of Licensure after twenty years. He began his service as a Board Investigator, then moved into the Director of Enforcement position, and finally served as the Executive Director of the Board of Licensure for the past three years. Ed has provided valuable insight to Board staff and many Board members over the years. His intellect and wit will be missed, but we all wish him a happy and active retirement.

Board Member Updates

On December 10, 2020, Governor Beshear appointed Mr. Don Pedigo, PLS to a new term on the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors to replace Bill Bowie, PE, PLS whose term had expired. Mr. Pedigo has been a licensed land surveyor since 1988 and is licensed in three states. He has been employed at American Engineers, Inc. for more than thirty-five years. He is the Program Manager for AEI's Surveying/Geospatial IDIQ Contracts with USACE Huntington, Louisville, and Memphis Districts. Mr. Pedigo's new term will expire on January 1, 2024.

On December 10, 2020, Governor Beshear appointed Mr. Joseph C. Pyles, PE to the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors to replace Herb Goff, PE whose term had expired. Mr. Pyles graduated with a BS in Civil Engineering in

1973 and an MSCE in 1975 from the University of Kentucky. Mr. Pyles' 45 year career in Civil / Structural Engineering includes stints at the Kentucky Transportation Cabinet, Haworth, Meyer, & Boleyn Inc. Professional Engineers, and WMB Inc. Consulting Engineers. Mr. Pyles is currently retired and living in Frankfort. Mr. Pyles' term on the Board will expire January 1, 2024.

On January 19, 2021, Governor Beshear appointed Gregory Dean Meredith, PE to the Board of Licensure to replace Daniel Clay Kelly, PE whose term had expired. Mr. Meredith is a graduate of the University of Kentucky where he earned his Bachelor of Science in Civil Engineering. He is currently the Public Works Director for the City of Bowling Green. He has been employed in the past by the Kentucky Transportation Cabinet, where he most recently served as the Chief District Engineer for District 3. He has also been employed in private consulting. Mr. Meredith has been licensed as professional engineer since 1994. His new term on the Board will expire on January 1, 2025.

Also on January 19, 2021, Governor Beshear reappointed Douglas J. Klein as the Board's public member. Mr. Klein earned a Bachelor of Science in Technology Education from Morehead State University and a Masters in Career and Technical Administration from Eastern Kentucky University. He is currently employed by the University of Kentucky, College of Engineering, where he is a Lecturer in the First Year Engineering Program and Director of the Innovation Center. He has been a high school teacher in the past and has been affiliated with engineering education for the past fifteen years. Mr. Klein's new term on the Board will expire on January 1, 2025.

The Board welcomes Mr. Meredith and Mr. Pyles to these new appointments and welcomes Mr. Pedigo and Mr. Klein back. We thank departing members Mr. Bowie, Mr. Kelly, and Mr. Goff for their service and dedication to the public and their professions.

Board Staff Changes

The Board of Licensure has named me as its new Executive Director. I have been with the Board for twenty-two years, serving nineteen of those years as a Board Investigator, and the past three years as the Director of Enforcement. After Ed's retirement, Heather Baldwin, PE, PLS was named the new Director of Enforcement. Heather has been the Board's investigator for the past three years.

In the near future, the Board will begin searching for a full-time investigator to take over Heather's vacated spot.

Board Offices

Currently, the Board of Licensure offices, along with all state government offices, are under a mask mandate. Any visitors to the Board offices, if granted entry, will be required to wear a mask. We currently still have our front entry locked and are not open to walk-in customers. Everyone is encouraged to use our online services and to attempt to have any problems they may have resolved via email or telephone.

Late Renewals - Reminder

The renewal deadline for all individuals whose last name begins with a letter from A - K, was June 30, 2021. If you fall into this category and have not renewed yet, your license is now expired. Offering or providing of professional services on an expired license is a violation of KRS 322.

Any person that missed the deadline may still renew their license online for up to a year from the date of expiration. Online Renewal only takes a few minutes and you can pay the renewal fee with a credit card. Our online renewal system will automatically calculate the 10% per month late renewal penalty. Anyone who renews after September 1 of their renewal cycle year will be automatically audited for compliance with the continuing professional development regulations.

Access the online renewal system at: https://secure.kentucky.gov/formservices/KBOELS/LicenseRenewal.

If you are uncertain of your individual license status, you can check your status using our online roster at: http://elsweb.kyboels.ky.gov/kboels-web/SearchableRoster.aspx. If you have any questions, contact the Board offices for assistance.

Firm Renewals

All Firm Permits expire on December 31, 2021. The online firm renewal system will open later this calendar year around mid-November. Please set yourself a reminder to renew your permit(s) prior to December 31.

Email Reminders

Beginning in early August of 2021, the Board has begun using an email broadcast service, through GovDelivery, to provide email reminders of upcoming and late renewal notices. We will still provide Renewal Notices by US mail, but the email notices will be an additional reminder for everyone.

Random CPD Audits

By regulation, 5% of our licensees are randomly selected annually for a compliance audit of their continuing professional development hours. This occurs every year on September 1. If you are selected, you will be notified at the mailing address you have provided to the Board. If this address has changed for you recently, please update your contact information with us by using the Board's "Address Change" feature on our website, here: https://elsweb.kyboels.ky.gov/kweb/AddressChange.

The CPD Audit will be for the two year calendar cycle prior to your renewal year. In other words, if you renewal was in 2021 (last name beginning with A - K), your audit will cover calendar years 2019 and 2020. Once an audit notice is mailed, the licensee has thirty days to provide evidence of compliance with the CPD regulations. Late responses may be subject to a disciplinary action.

Calendar of Events 2021

August 18-21 NCEES Annual Meeting

Cancelled

September 15 NCEES Virtual Annual Meeting

Virtual

October 21 Paper and Pencil PE & STR Vertical Exams

Louisville

October 22 Paper and Pencil PE & STR Lateral Exams

Louisville

October 28 Board Committee Meetings

Frankfort

October 29 Board Meeting Frankfort

For up to date information on the NCEES schedule for both paper based and computer based exams, visit https://ncees.org/exams/schedule/.

BOARD OF LICENSURE ENFORCEMENT ACTIONS SUMMARY

For The Period

April 1, 2021 – June 30, 2021 Heather L. Baldwin, PE, PLS Director of Enforcement

STEVEN W. HALL

In late 2019, the Board received an inquiry regarding the offering of land surveying services, via an online platform, through an unlicensed individual. An online search by the Board confirmed that Steve Hall of Cadiz, KY, who is not a licensed land surveyor, was offering land surveying services, in violation of KRS 322.020. A brief investigation also found that Hall had engaged in the practice of land surveying, in violation of KRS 322.020, when he provided a client with a plat appearing to precisely locate and show detailed boundaries of a tract of land. To resolve the Board's investigation, Mr. Hall entered into an Agreed Injunction with the Board in Franklin Circuit Court, which injunction enjoins him from engaging in the unlicensed practice of land surveying in Kentucky. No penalty was assessed for the current violations; however, the injunction calls a \$1,000 fine and seven days in jail for any future violations. The Agreed Injunction was entered into Franklin Circuit Court on April 14, 2021.

.

MICHAEL A. MILLIGAN, PE

In 2020, Michael Milligan, PE, was randomly selected for an audit of his compliance with the Continuing Professional Development (CPD) regulation for professional engineers, 201 KAR 18:196. Milligan failed to respond to numerous attempts by Board staff concerning the audit, which eventually led to the Board filing administrative charges against him. To resolve the violation of failing to respond to the CPD audit, and to end the administrative hearing process, Milligan entered into a Consent Decree with the Board wherein he acknowledged the violation of the regulation and agreed to: (1) receive a written reprimand; (2) pay a \$1,000 fine; (3) submit proof of 30 professional development hours for calendar years 2018 and 2019 by October 1, 2021; and (4) submit proof of 30 professional development hours for calendar years 2020 and 2021 by January 10, 2022. The Board approved this Consent Decree on July 30, 2021.

JEFFREY H. TWADDLE

In 2020, the Board received a written complaint regarding Jeffrey H. Twaddle, who is licensed as a professional engineer in Ohio and Tennessee, but is not licensed in Kentucky. The investigation found that Mr. Twaddle engaged in the unlicensed practice of engineering in Kentucky on two separate projects and represented himself as a licensed professional engineer, using the post-nominal letters "P.E." after his name on reports prepared for the Kentucky Division for Air Quality. During the investigation, Mr. Twaddle indicated his desire to become licensed in Kentucky and submitted an endorsement application. As part of his application for licensure, Mr. Twaddle

offered a Consent Decree which calls for him to: (1) receive a written reprimand; (2) take and successfully complete the 60 pdh Texas Tech University Engineering Ethics class within six months; and (3) have his Kentucky professional engineering license placed on probation for two years with quarterly project reviews. The Board approved this Consent Decree on July 30, 2021.

MATTHEW J. GRANBERRY, PE

In 2007, Civil and Structural Engineers, Inc. (CASE) obtained a Kentucky engineering business entity permit. This permit was made inactive in 2011 at the request of the professional engineer in responsible charge, who also put his individual professional engineering license in inactive status. Mr. Granberry received his professional engineering license on January 5, 2016. From January 5, 2016 to the present, CASE continued to offer engineering services in Kentucky without the required engineering business entity permit, in violation of KRS 322.060, with the aid, direction, and assistance of Mr. Granberry. His participation in the unlicensed practice of engineering by CASE constitutes a violation of 201 KAR 18:142, Code of Professional Practice and Conduct. To resolve this violation, Mr. Granberry entered into a Consent Decree with the Board wherein he agreed to: (1) pay a \$1,000 fine and (2) receive a written reprimand. The Board approved this Consent Decree on July 30, 2021.

CIVIL AND STRUCTURAL ENGINEERS, INC.

In 2007, Civil and Structural Engineers, Inc. (CASE) obtained a Kentucky engineering business entity permit. This permit was made inactive in 2011 at the request of the professional engineer in responsible charge, who also put his individual professional engineering license in inactive status. From January 5, 2016 to the present, CASE continued to offer engineering services in Kentucky without the required engineering business entity permit, in violation of KRS 322.060. To resolve this violation, the company entered into a Consent Decree with the Board wherein the company, through its President Michael M. Smith, agreed to: (1) pay a \$3,000 fine; (2) maintain a current and valid business entity permit during any time in which it is engaged in providing engineering services in Kentucky; and (3) notify the Board in writing, within 14 calendar days, of any change in the presidency of the company. The Board approved this Consent Decree on July 30, 2021.



For a limited time, we are pleased to offer our Precision Capture Photogrammetry Bundle consisting of the Field Ready Flight Kit and the DJI Phantom 4 RTK, the most compact and precise low-altitude drone mapping solution available today. To take advantage of this deal, simply mention the special promo code "FLIGHTKIT" when you talk with the UAV Specialist.





The Zenmuse L1 integrates a Livox Lidar module, a high-accuracy IMU, and a camera with a 1-inch CMOS on a 3-axis stabilized gimbal. When used with Matrice 300 RTK and DJI Terra, the L1 forms a complete solution that gives you real-time 3D data throughout the day, efficiently capturing the details of complex structures and delivering highly accurate reconstructed models.









After sending out the above question to the members of KAPS, following are some of the replies received:



Michael Wilson, PLS
Provided this image of a roof
bolt as called out in the deed
he was retracing.

"... thence with said Valley
Developers N 39-44-20 w,
168.77 feet to a roof bolt found
at a fence corner near a C & P
cable housing, ..."

Bryan Slone, PLS
Provides this picture of a very
well-preserved stone found
in Perry Township, Logan
County OH.

He notes that it may not be considered very unusual, but he was pleased to see that the deed calls for point A, B, etc.. Corresponded to the markings on the stone.







Christopher Morris, PLS Sent in pictures of an old high-lift car jack used as the corner marker on a cemetery.

Editor note:

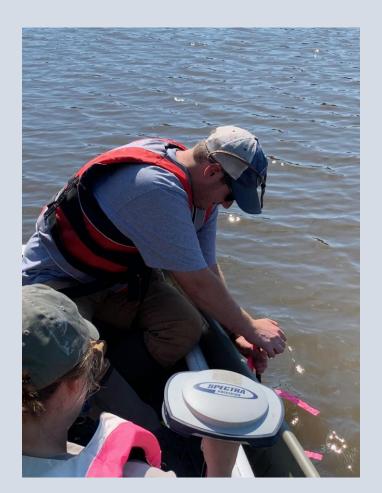
Anyone remember using those jacks? I had one in a 1964 Ford Falcon I owned.







Kelly Carr, PLS "Photos are attached of a property corner set on a recent survey in the middle of a lake in Ballard County. The 5/8 inch rebar set is 10 feet in length and marked with 2 inch PVC. The corner set delineates property that was once part of an Illinois Central Railroad Cairo District Right of Way constructed in the early 20th century. Use of the Rail line was discontinued in 1957. Field crew pictured are Ethan Carr, LSIT and Emily Landis."







Ralph Rhody, PLS

"We were retracing an old survey that didn't have a legal description and had a plat that was very hard to read. One of the monuments it called for was "A Large Rock on the Creek Bank". We found the rock covered in moss, so we cleaned the moss off, drilled a hole in it and set the pin in the "Large Rock". I work for DPS out of Anderson County."





Ralph Rhody, PLS "Set a Witness pin through a deer skull."



There are three that stand out in my mind.

One was a grapevine. The deed called for a grapevine, and I went out and shot it in, and though it had been decades since it was called for, there it was, alive and thriving, measuring about a foot in diameter.

The second was an elm on a bluff, also called for decades before. I was expecting the remains of a fair-sized tree, but when I measured it in tightly, there was about a 3" elm growing in a crack between two bedrocks on the bluff, also alive and healthy, although its soil and water were scarce. It still revealed its corner marks.

There is an old description calling for a fox den in my neighborhood, near the bottom of a bluff. We found it. It was called for many decades before.

Sadly, I had no camera with me.

Wm. Ralph Paris, Land Surveyor

https://pixabay.com/photos/a-fox-red-fox-domestic-fox-predator-6225752/

Barry Claypool, PLS

Notes that the most unusual one he recalls is the rear end housing from a truck.

CONFERENCE 2022 UPDATES



Since the move to the fall for the annual KAPS conference, we have had committee meetings trying to work out details for the 2022 conference. While we are still developing advertising materials, I'll use this page to let everyone know the details that we have right now.

The dates will be September 29th through October 1, 2022. The location will be the Sloan Convention Center attached to the Holiday Inn University Plaza in Bowling Green Kentucky.

We've been to this location in the past and the facilities are very nice. The classroom facilities were comfortable, with updated accommodations in the adjoining Holiday Inn. Since this will be a fall conference, the weather may make any of the several golf courses in Bowling Green more feasible. There are also several entertainment options in the surrounding area – Corvette Museum anyone?



Don Debold, Jan. 9, 2020. https://www.flickr.com/photos/ddebold/49365266212/



P.O. Box 436451 * Louisville, Kentucky 40253 *(502) 695-2349

KAPS BOARD OF DIRECTORS MEETING

Date: Wednesday, September 29, 2021

Time: 6:00 P.M. EST

Location: Clarion Hotel and Conference Center, Lexington, KY

CALL TO ORDER

KAPS 2020/21 President, Greg Barker, calls the September 29, 2021, KAPS Board of Directors meeting to order.

PROXY VOTES:

a) David Blaker to Tom Bushelman

MEMBERS PRESENT: Greg Barker - President, Bob Smith- President-Elect, James Mayo Director/Treasurer, Josh Calico - Vice President of External Affairs/Professional Development Chair, Kevin
Phillips - Vice President of Internal Affairs, Greg Larison - Director, Mike Billings - Director/KSPE Liaison,
Craig Palmer - NSPS Director/KAMP Liaison, Justin Drury - Director/Publications, James Knoth - Jackson
Purchase Chapter Chair, Tim Tong - Bluegrass/Capital Chapter Chair, GIAC Liaison, Scott Shufflebarger Falls of the Ohio Chapter Chair, Curtis Felts - Southeast Chapter Chair, Mike Ladnier - Audubon Chapter
Chair

STAFF PRESENT: Nancy Broyles, Executive Administrator

<u>GUESTS PRESENT</u>: Richard Matheny, Luke Woodyard, Ethan Carr, Emily Landis, Tim Gehlhausen, Ben Shinabery, Vic McCauley

<u>MEMBERS ABSENT:</u> John St. Clair – Scholarship Committee Chair, Mike McKinney – Green River Chapter, David Blaker – Northern Kentucky Chapter Chair, Chris Higgins – Barren River Chapter Chair, Johnny Justice – Highlands Chapter Chair,

PRESIDENT'S WELCOME

President Greg Barker welcomed everyone to the meeting and thanked them for making their effort to make the meeting.

ADDITIONS OR REVISIONS TO THE AGENDA

GIAC - Tim Tong's appointment is expiring



P.O. Box 436451 * Louisville, Kentucky 40253 *(502) 695-2349

REVIEW AND APPROVAL OF BOARD MEETING MINUTES

James Knoth made a motion to accept the minutes of June 11, 2021 meeting. Josh Calico seconded. Motion carried.

KAPS OFFICER REPORTS

President's Report – No written report. Verbal report given. Greg Barker introduced Nancy Broyles as new Executive Administrator. Announced Jason Graves resigned of all positions on Board.

President Elect's Report - no report

Treasurer's Report - James Mayo presented financial reports

Executive Director's Report - no report

Secretary's Report - no report

OLD BUSINESS

a) none

NEW BUSINESS

- a) Revised Annual Conference Date Should we permanently change annual conference to the fall? Not enough time to plan February 2022 conference. Fall conference allows for possibly meeting at state parks and including more outside activities and families.
- Bylaw Change Annual General Membership Meeting See attached recommended bylaw revisions to allow for change of general membership meeting
- c) Interior Angle Continue or Not? Advertising revenue \$2,233. Justin Drury willing to continue to be responsible for content but unable to design or publish. Ethan Carr asked about PDH credits for writing articles. Discussion on best method to communicate (formal publication, blog, message board, emails, etc.) Kevin Phillips suggested reviewing bylaws on updating the way we publish our information.
- d) Young Surveyors Network Greg Barker offered support for Young Surveyors Network and asked Board to think about how to fund it. Luke Woodyard introduced the vision for YSN. He promised to have a formal proposal for December meeting.
- e) Voided Chapter Checks There are several uncashed chapter disbursements. Chapters must prove fiscal responsibility by turning in annual financial reports or bank statements in order to receive disbursements.
- Next KAPS Board Meeting December 4, 2021, 10:00AM in person in Frankfort, KY



P.O. Box 436451 * Louisville, Kentucky 40253 *(502) 695-2349

EX-OFFICIO DIRECTORS REPORTS

GIAC Liaison - Verbal report: Tim Tong's appointment is expiring. Unsure how to move forward.

KAMP Liaison - no report

KY State Board of Licensure Liaison - no report

KSPE Liaison - Report attached

NSPS Director - Verbal report: Good conference. Curt Sumner retiring. Going back to 1 state, 1 vote

Professional Development Chair - no report

CHAPTER REPORTS

Audubon - Verbal report: James Riney retired

Barren River - no report

Bluegrass-Capital - no report

Falls of the Ohio - Verbal report: Creating monuments for those who have passed on

Green River – no report

Highlands – no report

Northern Kentucky - no report

Purchase - no report

Southeast - no report

COMMITTEE REPORTS

Annual Conference - no report

Annual Golf Outing and Picnic - Scheduled for June 10, 2022

By-Laws - no report

County Surveyors - no report

Education - See attached report including lists of survey schools. Luke Woodard and YSN has also compiled a list published at www.kyysn.com



P.O. Box 436451 * Louisville, Kentucky 40253 *(502) 695-2349

Ethics and Professional Practice - no report

Finance - See attached financial reports

Legislative - no report

Membership - no report

Nominating - no report

Past Presidents - no report

Policy Manual - no report

Public Relations - no report

Publications / Newsletter - no report

Scholarship - no report

SPECIAL COMMITTEE REPORT

KY / TN State Line Monument - no report

Board of Licensure Nominations – no report

Continuing Education Hours - no report

ADJOURNMENT

Scott Shufflebarger made motion to adjourn. Craig Palmer seconded. Motion carried. Meeting adjourned.

Submitted by Nancy Broyles, Executive Administrator

KAPS ONLINE CPD CONTENT



KAPS offers online continuing professional development hours through the website. With the great work of Nancy Broyles, KAPS Administrative Assistant, they are now available again at:

https://www.kapsl.com/page-18075

Make sure to login as a member to get the member rate.

These courses are hosted on an online learning management system which means they are available to you anywhere that you have internet service, and they can be accessed via PC, tablet, smartphone, etc... Course hours vary from 2 to 4 hours making it easy to fulfill CPD requirements on a plane trip with your phone and some earbuds or headphones.

To date, 72 course attendances have occurred with almost 300 hours of CPD credit being obtained.

Currently there are only six topics available, with more in various stages of development. If you would like to develop a course for either in-person or online presentation, KAPS would love to work with you to be able to provide more professional development opportunities to the surveying community.

Become a KAPS Member



We would love to have you be a member of KAPS if you are not already one. If you would like to join for a first time or would like to renew your membership for the coming year, you can do so easily online using the following QR code from your smartphone or by visiting the website at:

https://www.kapsl.com/join-us



JOIN UP and Become a Member of KAPS