

## A LEVEL LINE

May/June 2022

### Key Contacts

#### Branch Officers

President - [Dustin Scruggs](#)  
Past President - [Kenneth Perkins](#)  
President-Elect - [Justin Corbitt](#)  
Vice President - [Kevin Sigg](#)  
Treasurer - [Caroline Sanders](#)  
Secretary - [Alicia Sellers](#)

#### Board of Directors

[Clint Camp](#)  
[Suzanne Herron](#)  
[Nick Kniazewycz](#)  
[Monica Sartain](#)  
[Ashley Smith](#)

#### Committee Chairs

Awards - [Monica Sartain](#) & [Philip Stuckert](#)  
Educational Outreach - [Justin Corbitt](#) & [Alicia Sellers](#)  
Newsletter - [Ashley Smith](#) & [Addie Case](#)  
Scholarship - [Kate McBreen](#)  
Social Media/Webmaster - [Kenneth Perkins](#)  
Sports - [Eric Gardner](#)  
Sustaining Membership - [Taylor Sanders](#)  
Diversity & Inclusion -

### Greetings!

June is here and the ASCE Nashville Branch is kicking into high gear. The 100-Year Anniversary event proved to be a fantastic night with good food, fun and drinks. As we look forward through the end of spring and into summer, we will be hosting several in-person events including, but not limited to Branch Meetings, Golf Tournament, School of Rock, and many others. Planning for the 2022-2023 fiscal year will begin in July. Be thinking ahead on how you can get involved. It's also time to start thinking about nominations for board and committee members. If you are someone you would like to recommend for consideration please email our nominations committee at [nominations@nashvilleasce.org](mailto:nominations@nashvilleasce.org).

The ASCE Nashville Branch is home to 19 committees covering nearly everything we do as a branch. The branch is completely nonprofit and run entirely by volunteers. If you're not actively involved in one of these committees, why not? If you would like to learn more about the when, where and how to get involved, email me at [dscruggs@nashvilleasce.org](mailto:dscruggs@nashvilleasce.org).

Lastly, if you haven't already done so, be sure to renew your ASCE membership and sustaining (company) membership for the 2022! Your membership and your company's sponsorship are critical for the ASCE Nashville Branch Scholarships and events. I would like to personally thank the 18 companies who have stepped up as Sustaining Members this year.

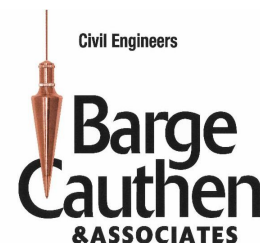
### Quick Links

[Nashville Branch](#)

[TN Section](#)

[ASCE](#)

### 2022 Sustaining Members



[Christian Reid](#)

PE Review Director - [Peter Nabhan](#)

Younger Member Group -  
[Nick Kniazewycz](#)

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## Practitioner Advisors

Lipscomb - [Jeff Hooper](#),  
[Michael Cochran](#), & [Taylor Sanders](#)

Tennessee State - [Kenneth Perkins](#) & [John Brew](#)

Vanderbilt - [Ashley Smith](#)  
& [Nathan Grosser](#)

Tennessee Tech - [Patrick Leap](#) & [Lydia Johnson](#)

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## YMG Officers

Chair - [Nick Kniazewycz](#)

Past Chair - [Lily Moritz](#)

Vice Chair - [Emily Reed](#)

Secretary - [Nisha Monteiro](#)

Treasurer - [Liliana Porras](#)

Student Outreach - [Natalie Geng](#)

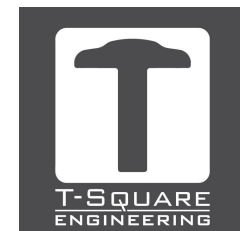
PE Review Director - [Peter Nabhan](#)

Service Director - [Ian Woods](#)

Technical Director - [Justin Corbitt](#)

Social Director - [Alan Jolly](#)

Dustin Scruggs, P.E., M. ASCE  
Nashville Branch President



To join or renew your membership online for 2022, please click [HERE](#). If you have any Sustaining Membership questions, contact [Taylor Sanders](#).

## Meeting Minute

Please join us as Carrie Stokes of Barge Design Solutions will be presenting on the Copperhill Watershed Restoration project. The meeting will be held at Lipscomb University on June 23rd from 11:30 am - 1:00 pm. The meeting will take place on the 2nd floor of the Fields Engineering Center.

To register for this event, please click [HERE](#).

## Upcoming Events

- Tuesday, June 7th - ASCE Golf Tournament: Hermitage Golf Club, 11:30 AM
- Thursday, June 23rd - Branch Meeting: Lipscomb University, 11:30 AM

## Sports



### Annual Golf Tournament

The 30th Annual ASCE golf tournament will take place Tuesday, June 7, at Hermitage Golf Club. Proceeds will benefit the Nashville branch scholarship fund. For more information and to register, click [HERE](#).

## Educational Outreach

With schools across our region holding mixed levels of in-person and virtual learning for students, there may be opportunities to meet the needs of students learning from home and/or opportunities for virtual tutoring, or alternative activities and support programs. If you know of any schools needing assistance with outreach, please have them contact us and we'd be happy to help! If you are interested in getting engaged with outreach and helping students, contact [Justin Corbitt](#).

Additionally, ACE is looking for mentors for this year's after-school program and there may opportunities to mentor virtually. For details on getting involved, contact [Janey Camp](#).

## Younger Member Group

Beginning in 2022, the PE Civil exam transitioned from the twice a year paper-based format into the year-round computer-based format administered at Person Vue test centers.

The ASCE Nashville is proposing to conduct a once-a-year PE review course that covers the Breadth section of the exam – 10 sessions. We want to gauge the interest and appetite of our local community for this course. Please fill out the survey [HERE](#) if you are interested.



# Subscribe to Our Emails



Like the YMG on Facebook:



## Sustaining Membership



### Become a Sustaining Member!

Please be on the lookout for your Sustaining membership letter. If you did not receive one and would like to take advantage of this great opportunity to support your ASCE chapter please click the [HERE](#) or email [Taylor Sanders](#).

## Marketing and Membership



You can now shop for ASCE Nashville Branch branded merchandise online [HERE](#).

## Volunteers for Branch Leadership

### Become a Volunteer

There are many opportunities for you to become involved in the Nashville Branch leadership. We always need help in our many committees, from members to chairs. This is a great way to serve your Society at the ground roots level, learn how your Branch is governed, and prepare for an officer's role in the future. We need help with meeting registration, sustaining membership, educational outreach, budget, younger members group, and more. Please speak with the current Committee Chair or a Board member for more information.



## Membership Renewal



We've had another great year for the Nashville Branch of ASCE. We trust that you've been able to participate and take advantage of the many benefits of having a membership. We would like to encourage you to continue your membership with ASCE into 2022. To complete your renewal, please use the link on the ASCE website [HERE](#). As a reminder of the fantastic benefits your membership provides you, please click [HERE](#).

## Student Chapter Updates

Tennessee State University





Hello from Tennessee State University Student Chapter. Last month, the team successfully took its canoe to Arkansas and participated in all the races. With all the difficulties of being a first-year team; we are proud to have a canoe operate in full condition. Our team came in 3rd for the co-ed race.

We had a busy month in April. Guest speakers from W&A Engineering and the Nashville Department of Transportation visited TSU to speak to students about future job opportunities and job descriptions. We also took a group of students to TDOT's materials lab and toured the facility.

On April 24, ASCE members and faculty attended the ASCE 100-year Anniversary celebration. Two of our students, Ipek Ismael and Jose Portillo, were awarded scholarships for their academic achievement and TSU was recognized as the most improved ASCE student chapter.



## Job Postings



### T-Square Engineering

Come join the T-Square Team, a young and vibrant civil engineering firm in Downtown Franklin, TN. T-Square is a multi-disciplinary firm with a strong commitment to providing innovative, strategic, and cost-effective engineering solutions while maintaining a small business "hands-on" outlook. For more information or to apply for any of the following positions, click [HERE](#).

#### Entry-Level Engineer

The T-Square Civil-Site Division is currently seeking an Entry Level Civil Engineer. The ideal candidate would be a Civil Engineering graduate from an ABET-accredited college with 0-2 years of experience in land development and civil-site design. All candidates would be required to meet the needs of T-Square's diverse client base in both the private and public sectors.

#### Minimum Qualifications:

- Bachelor of Science (B.S.) in Civil Engineering;
- E.I.T. License or ability to obtain within three (3) months;
- 0 – 2 years of experience in land development and civil-site;
- Understanding of construction;
- Basic knowledge of the fundamentals of surveying;
- Proficiency in Microsoft Office Suite (Word, Excel, etc.);
- Experience in AutoCAD.

#### Civil-Site Engineer (P.E.)

We are currently seeking a full-time Civil Engineer (P.E) within our Civil-Site Division. This position is an excellent opportunity for a motivated and highly skilled professional who wishes to be part of our expanding team. T-Square's Civil-Site practice varies from site-specific plans to complex multi-phased developments.

#### Job Requirements:

- Project planning and design for civil-site and related projects;
- Performing site geometric design, grading, stormwater calculations, and plan production utilizing AutoCAD Civil 3D;
- Project management experience; ability to communicate with clients, governing bodies, and team members to take a project from start to finish in the design phase.
- Coordinate and perform all drafting efforts on a project;
- Ensure that drawings and designs are in accordance with company production and design standards;
- Attending internal/external project meetings and planning commission meetings;

#### Minimum Qualifications:

- Minimum five (5) years of experience in land development, civil site design, erosion control, grading, site layouts, and stormwater management;
- Bachelor of Science (B.S.) in Civil Engineering;
- Professional Engineer Certification;
- Proficiency in Civil 3D;
- Familiar with submittal schedules and timelines for civil-site design projects;
- General understanding of applicable design codes and municipal design standards;
- Strong verbal and written communication skills;
- A team player who strives to provide quality work, meet project needs, and deliver projects in a timely manner;
- Self-motivated, detail-oriented professional with strong organizational skills, able to successfully multitask on several projects concurrently.

#### **Traffic Engineer**

We are seeking a highly motivated Traffic Engineer to perform traffic signal designs and transportation planning studies. The individual must be fluent in applying traffic engineering and transportation principles to traffic operations, access management, and safety studies. Experience with governing bodies' policies, processes, and staff (both TDOT and local agencies) is a plus but not required.

Working on and managing projects such as Traffic Signal Designs, Traffic Management Plans, Traffic Impact Analyses, Parking Analysis studies, and other projects -- tasks include but are not limited to: technical writing; assembling, calculating, and analyzing traffic data; performing traffic operational analysis using Synchro and other traffic engineering programs.

#### Responsibilities:

- Design of plans and bid specifications for traffic signals
- Coordinate and inspect installation/construction of traffic signal designs
- Perform Traffic Signal Optimization/Progression Analysis
- Maintenance of traffic, signing, and pavement marking plans for the Tennessee Department of Transportation (TDOT) and local clients.
- Prepare traffic operation, access management, and safety studies
- Conduct signal warrant analyses
- Perform Intersection and Corridor Crash Analysis
- Turn lane length evaluations
- Traffic impact studies, crash analysis, safety studies, signal optimization, and traffic forecasting for public and private clients.

#### Job Requirements:

- E.I. Certification is required, Professional Engineer (P.E) certification is preferred.
- Knowledge of traffic engineering fundamentals and industry trends
- Traffic signal design experience
- Experience with SYNCHRO/SimTraffic, preferred
- Experience with ITE Trip Generation Manual and traffic studies
- Knowledge of TDOT traffic standards and guidelines
- Strong attention to detail, excellent analytical/judgment capabilities, and ability to work independently or on a team
- Excellent skills in organization, judgment, and decision-making, task-oriented motivation, individual initiative, active listening, and interpersonal communications
- Proficient in both Microstation and AutoCAD



## U.S. Army Corps of Engineers

**GS-7/9/11/12 Senior Civil Engineer** with a focus on site development design. The position is in the Nashville District Survey and Mapping section located in the Federal Office Building in Downtown Nashville. The following is a list of position specifics:

- Coordinates and monitors planning and design activities related to assigned projects.
- Develops plans used in the solicitation of bids and construction of the work using OpenRoads, Microstation, Inroads, and SpecsIntact software.
- Prepares recurring and special reports and correspondence relating to functions and activities of the unit.
- Reviews preliminary cost estimates prepare drafts for project cost estimates, and preparation of drafts for project cost estimates programming schedule and budget data.
- Serves as technical coordinator for designated construction projects.
- Conducts planning, development, analysis, and coordination of the project operating programs and planning schedules.

The position can be found on USA Jobs [HERE](#).

**GS-12 Senior Civil Engineer** with a focus on site development design. The position is in the Nashville District Survey and Mapping section located in the Federal Office Building in Downtown Nashville. The following is a list of responsibilities:

- Coordinates and monitors planning and design activities related to assigned projects.
- Develops plans used in the solicitation of bids and construction of the work using Microstation, Inroads, and SpecsIntact software.
- Prepares recurring and special reports and correspondence relating to functions and activities of the unit.
- Reviews preliminary cost estimates prepare drafts for project cost estimates, and preparation of drafts for project cost estimates programming schedule and budget data.
- Serves as technical coordinator for designated construction projects.
- Responsible for the planning, development, analysis, and coordination of the project operating programs and planning schedules.

Preferred candidates would have 4 years of design experience, a Professional Engineer License, and experience with using CADD software for Site Development.

Please contact Frank Mills ([Frank.c.mills@usace.army.mil](mailto:Frank.c.mills@usace.army.mil)) or (615) 736-5676 for additional information or if you have an interest in the aforementioned positions.

## New Members & Birthdays



### Welcome to these new members:

Andrew Allsbrook, P.E., M.ASCE

Davis Bishop, S.M.ASCE

John Godfrey

Casey Hale, A.M.ASCE

Zara Hoch, Aff.M.ASCE

Skyler Huffstetler, S.M.ASCE

Aaron Lamson, S.M.ASCE

Gordon Lee, P.E., M.ASCE

Owen Myatt, S.M.ASCE

Raymond Pennington

Emma Pitts, P.E., M.ASCE

Ryan Shields, Aff.M.ASCE

Louan Tillman, Aff.M.ASCE

**Happy birthday to our members!**

Shahad J Abdulrahman, A.M.ASCE  
Jennifer Redmond Acton, P.E., M.ASCE  
Ronnie L Adams, P.E., M.ASCE  
Mark Winston Adams, PE  
Lana Albasri, A.M.ASCE  
Barry Scott Allen, P.E., M.ASCE  
Ruth G Alwes, P.E., M.ASCE  
James R Barham, P.E., M.ASCE  
Mr. David Martin Bayer, II, Ph.D., P.E., L.S., F.ASCE  
Jim Beaudoin, A.M.ASCE  
Michael Lee Black, P.E., M.ASCE  
Byron Bohrman, P.E., M.ASCE  
Walter Wesley Boles, PHD,PE  
William Bowlby, Ph.D., P.E., M.ASCE  
David B Cagle, PE,LS  
Michael Warren Callahan, M.ASCE  
Clinton Robert Camp, P.E., M.ASCE  
Emily Gordy Carr, P.E., M.ASCE  
Ronald Carter, P.E., M.ASCE  
Carl Cairns Chambers, P.E., M.ASCE  
Donald G Chambers, MASCE  
Jonathan Daniel Claxton, P.E., M.ASCE  
Benjamin Clemons, PE  
Michael Alan Cochrane, P.E., M.ASCE  
Allen Hobert Cox, P.E., M.ASCE  
Bruce Cunningham, EI, AMASCE  
Kallie Curtis, EI, A.M.ASCE  
David L Davidson, P.E., M.ASCE  
Trevor Gage Dean, Aff.M.ASCE  
Matthew L Ellenberger, P.E., M.ASCE  
Robert Nicholas Faulhaber, P.E., M.ASCE  
Justin Fields, P.E.  
Harold C Fulghum, P.E., L.S., M.ASCE  
Alfred Lane Futrell, Jr., P.E., M.ASCE  
Winston B Jr Gaffron, P.E., M.ASCE  
Randall E Gibson, P.E., M.ASCE  
Jeremy Grant Godwin, P.E., M.ASCE  
Tyler Green, EI, A.M.ASCE  
Harold W Gregory, P.E., M.ASCE  
Joseph Francis Griffin, PE  
Ralph Grismala, P.E., M.ASCE  
Anthony Boucher Groft, P.E., M.ASCE  
Casey Blakeman Hale  
Charles Herbert Hamblin, P.E., M.ASCE  
James K Hampel, I, P.E., M.ASCE  
Alan W Hand, A.M.ASCE  
Kenneth Stanley Harmon, P.E., M.ASCE  
Jerry L Hatcher, P.E., M.ASCE  
Jonathan David Haycraft, P.E., M.ASCE  
Anthony Hendren, A.M.ASCE  
Suzanne Bishop Herron, P.E., M.ASCE  
Charles S Higgins, Jr., P.E., M.ASCE  
Richard Scott Houze, P.E., M.ASCE  
William Henry Huddleston, IV, P.E., M.ASCE





Timothy Eugene Huff, P.E., M.ASCE  
Robert N Hutcheson, Aff.M.ASCE  
Andrew Jerome, PE, MASCE  
Mark David Kawczynski, PE  
Nicole Long King, P.E., M.ASCE  
William Mitchell Lamb, P.E., M.ASCE  
Tom Lazear, A.M.ASCE  
Roy C Loutzenheiser, PHD,PE  
Clellon L Loveall, P.E., M.ASCE  
Bruce Lynn, Jr, A.M.ASCE  
Ward R Malisch, M.ASCE  
Larry L Marshall, P.E., M.ASCE  
Mr. Gordon James Mc Clellan, P.E., M.ASCE  
Kenneth L Mc Curdy, P.E., M.ASCE  
Nathan Hunter Melson, P.E., M.ASCE  
Simone J Metzger, EIT, A.M.ASCE  
Michael R Meulemans, P.E., M.ASCE  
Ryan C. Miller, PE  
Cooper Andrew Morris, A.M.ASCE  
Daniel Moss, P.E., M.ASCE  
Greg Norwood, P.E., M.ASCE  
Joseph Novak, PE  
William Francis O'Donnell, P.E., M.ASCE  
Vasant Bhaskar Pandit, P.E., F.ASCE  
Jason D Perry, P.E., M.ASCE  
Krishnakumar Pillai, M.ASCE  
Emma Pitts, P.E., M.ASCE  
Thomas E Quinn, P.E., M.ASCE  
Diane Regensburg, A.M.ASCE  
Benjamin Lee Rohrbach, P.E., M.ASCE  
Florence Sanchez, Ph.D., P.E., A.M.ASCE  
Regina Marline Santana, P.E., M.ASCE  
James R Shackleford, III, P.E., M.ASCE  
Murray Don Shanklin, P.E., M.ASCE  
David B Smith, PE,LS  
Thomas L Smith, M.ASCE  
William Daniel Smith, P.E., M.ASCE  
Timothy David Smith, P.E., M.ASCE  
Ashley Thomas Smith, P.E., M.ASCE  
James Snyder, P.E., M.ASCE  
Joshua Spradlin, P.E., M.ASCE  
Robert Stickney, P.E., M.ASCE  
Daniel Raymond Strebel, P.E., M.ASCE  
Barry Wayne Sulkin, A.M.ASCE  
Richard Dee Sullivan, P.E., M.ASCE  
Kristen Kaye Taylor, P.E., M.ASCE  
Terry Michael Tobel, P.E., M.ASCE  
Harrison Turner, EI, A.M.ASCE  
Tommy Upchurch, AFFMASCE  
James Samuel Vance, P.E., M.ASCE  
Dale Michael Veselsky, EIT, A.M.ASCE  
J Michael Vines, Jr., P.E., S.E., M.ASCE  
Charles Todd Walker, A.M.ASCE  
Paul Brennan Wallis, P.E., M.ASCE

Robert Warren Weithofer, P.E.  
George Howard Welch, P.E., M.ASCE  
Brandon Wenger, AMASCE  
Clarke Willey  
Brett Wiseman, P.E., C.Eng, M.ASCE  
Robert H Wynne, Jr., P.E., M.ASCE

## ASCE Nashville Branch



[Contact Us](#)