

ABOUT US

Southern Steel Engineers, LLC was founded in 2017 and is located in Lexington, SC. The firm was established to provide our clients with superb service and efficient structural designs to make their projects a success. We are passionate about the structural steel industry and have focused our service offerings around steel building design, steel connection design, steel stairs, shop drawing reviews and more.

Our team is well versed in structural steel design, fabrication, detailing, costs, estimating and steel erection. We have many years of experience in the steel industry and are uniquely positioned to help make our client's projects a success.

Our mission is to help our clients succeed by delivering engineered solutions, efficient and economical designs, and dependable schedules.

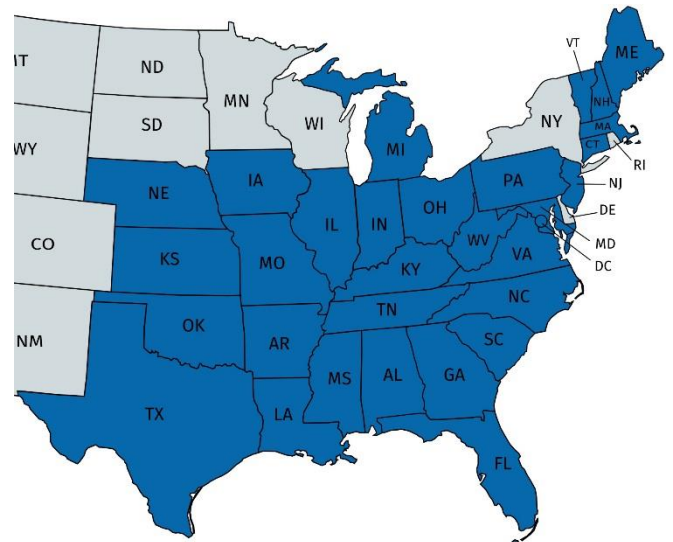
ENGINEERING SERVICES

- **Structural Design of Buildings and Structures**
 - Engineer of Record
- **Steel Connection Design**
 - Shear, bracing, moments, trusses, crane brackets, Seismic and specialty conditions.
- **Steel Stair and Rail Design**
 - Design of all types of custom steel stair and rail projects
- **Erection Engineering**
 - Including truss lifting plans, temporary shoring towers, stability analysis, etc.
- **Miscellaneous Steel Design**
 - Including platforms, canopies, ladders, catwalks, etc.
- **Steel Shop Drawing Review**
 - Utilizing pdf markups as well as 3-D model reviews
- **Field Fix Designs**
 - Quick, efficient field fix sketches
- **Value Engineering**
 - Engineering for alternates to save time, costs or both

QUALIFICATIONS

- **Experience:** Our principal engineers have over 25 years of experience working directly for major steel fabricators. Experience includes numerous large and complex projects across the United States.
- **Certifications:** License include PE (Professional Engineer), SE (Structural Engineer) and CWI (Certified Welding Inspector).
- **Trust:** We strive to build meaningful relationships with our clients that are built on trust. Our word means something, and we do everything in our power to hold up our end of the bargain.

SSE FIRM LICENSING MAP



Our principal Engineer has a NCEES Record and can get licensed quickly in additional states if required for your project.



TYLER B. SEASE, PE, SE

PRESIDENT

Tyler Sease is a licensed professional engineer (PE) in 32 states, licensed structural engineer (SE), and a Certified Welding Inspector (CWI). He has extensive experience with structural steel projects and knowledge of the entire process including conceptual designs, steel connections, detailing, estimating and construction. Tyler spent several years detailing structural steel for Southern Steel Detailers during high school and college. Tyler spent 9 years at CMC Cary Engineering working on numerous high profile projects with responsibilities including connection design, building design, design-build preliminary designs, field work engineering and steel stability erection planning. He gained invaluable experience with steel erection and engineering field fixes by spending considerable time on project sites including; Boeing 787 Fab Plant in North Charleston, SC, Gulfstream Building "Y" in Savannah, GA, and Sysco Distribution Center in Plymouth, MA.

Education:

Bachelor's of Science in Civil Engineering | University of South Carolina | 2009
Master's of Engineering in Civil Engineering | University of South Carolina | 2013

KRIS L. MITCHELL, PE

VICE-PRESIDENT

Kris Mitchell has been a licensed professional engineer for the past 10 years and currently holds licenses in 3 states. While working for SteelFab he has amassed 14 years of structural steel connection design experience. During this time, Kris worked closely with detailers, fabricators, and erectors and has learned how to efficiently and economically provide solutions to benefit all parties. Some of the more high profile jobs that he has provided connection design include the Georgia Aquarium, College Football Hall of Fame, and the National Geospatial-Intelligence Agency Building. Directly out of school, Kris began working with Kline Iron & Steel and it was here that he received extensive training in the entire process of steel construction. He spent time estimating, detailing, and received critical experience working in the fabrication shop. It was also here that he was able to get experience with field engineering by living in Jersey City for 2 months working on the job site of the Goldman Sachs Tower project.

Education:

Bachelor's of Science in Civil Engineering | Clemson University | 2001

JOSH H. CHANEY, EIT

PROJECT ENGINEER

Josh Chaney is an engineer in training (E.I.T.) who is a recent graduate from the University of South Carolina with a B.S. in Civil Engineering and an emphasis in structural engineering. During college, Josh completed internships with three different companies including a general contractor, a structural engineering firm, and an industrial concrete tank manufacturer. Josh was exposed to a wide variety of projects which provided a fundamental knowledge across various industries and structural materials including steel, concrete, and timber. Josh is working towards a goal of professional licensure and becoming a P.E.

Education:

Bachelor's of Science in Civil Engineering | University of South Carolina | 2018

