



S | S | E
SOUTHERN STEEL ENGINEERS

**STRUCTURAL ENGINEERS SPECIALIZING
IN STEEL DESIGN AND CONSTRUCTION**

KNOWLEDGE & EXPERIENCE YOU CAN TRUST

Southern Steel Engineers, LLC was founded to create a specialized structural engineering firm focused on steel design and construction. We are passionate about the structural steel industry and that shows in our work. Providing value to our clients is at the core of everything we do. Our mission is to help our clients succeed by delivering engineered solutions and economical, constructible designs, all with a dependable schedule.

SERVICES

**STEEL CONNECTION DESIGN
MISCELLANEOUS STEEL DESIGN
ERECTION ENGINEERING
BUILDING DESIGN
DESIGN OF MISC. STRUCTURES**



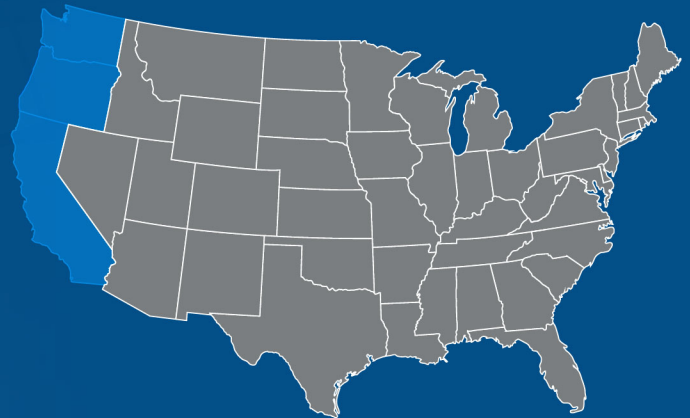
803.408.4080

| southernsteelengineers.com

| 121 Tarrar Springs Rd. • Lexington SC 29072



LICENSED IN 46 STATES:



- **EXPERIENCE:** Our engineers have extensive experience working directly for major steel fabricators on large & complex projects across the United States.
- **CERTIFICATIONS & LICENSE:**
 - Professional Engineer (PE)
 - Structural Engineer (SE)
 - Certified Welding Inspector (CWI)
- **INSURANCE:** Professional Liability Insurance with coverage of \$2M/\$2M

STRUCTURAL ENGINEERS

SPECIALIZING IN STEEL DESIGN & CONSTRUCTION



“ We strive to continually build meaningful relationships with our clients that are built on trust. We stand firmly by our word, and always do everything in our power to provide our clients a partner they can count on. ”

-TYLER SEASE
President

WHY CHOOSE SSE?

- *We specialize in steel*, and provide the engineering and consulting needed to make your project a success.
- *Our dependable schedules* keep your project on track and moving forward.
- *With economical and constructible designs*, we provide value on every project by keeping fabricators and erectors in mind.

CLIENTS WE SERVE

- STRUCT. STEEL FABRICATORS
- MISC. STEEL FABRICATORS
- STEEL DETAILERS
- STEEL ERECTORS
- GENERAL CONTRACTORS
- ARCHITECTS



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 design. Our primary services are delegated design including steel connection design, miscellaneous steel design, shop drawing reviews and erection engineering. We also have capabilities for building and structural design.

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

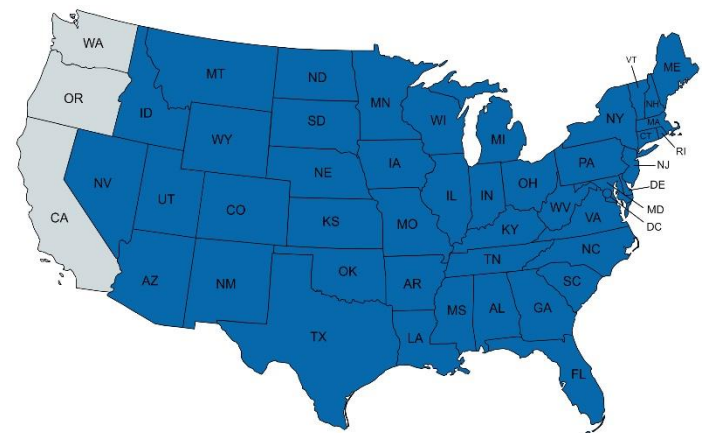
- **Steel Connection Design**
 - Shear, bracing, moments, trusses, crane brackets, Seismic and specialty conditions.
- **Miscellaneous Steel Design**
 - Design of all types of custom steel stairs, railings, and ladders
- **Erection Engineering**
 - Including truss lifting plans, stability analysis, etc.
- **Miscellaneous Structural Design**
 - Including platforms, canopies, ladders, catwalks, etc.
- **Steel Shop Drawing Review**
 - Utilizing pdf markups as well as 3-D model reviews
- **Structural Design of Buildings and Structures**
 - Engineer of Record
- **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 extensive experience working directly for major steel fabricators. Experience includes numerous large and complex projects across the United States.
- **Certifications:** Licenses 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.
- **Insurance:** Professional Liability Insurance with coverage of \$2M/\$2M

SSE FIRM LICENSING MAP

We are currently licensed in 46 states.



TYLER B. SEASE, PE, SE***PRESIDENT***

Tyler Sease is a licensed professional engineer (PE) in 46 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 is responsible for the day-to-day operations for SSE as well as business development.

Education:

Bachelor of Science in Civil Engineering | University of South Carolina | 2009
Master 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 17 years and currently holds licenses in 3 states. While working for SteelFab he amassed 14 years of structural steel connection design experience. During this time, Kris worked closely with detailers, fabricators, and erectors and learned how to efficiently and economically provide solutions to benefit all parties.

Education:

Bachelor of Science in Civil Engineering | Clemson University | 2001

RICHARD E. TRUMAN JR., PE***SENIOR PROJECT MANAGER***

Rick Truman, Jr., has been a licensed professional engineer (PE) for the past 24 years and currently holds licenses in 4 states. Rick has more than 32 years of steel industry experience and has worked for 4 structural steel fabricators during his career holding various roles including Engineering Manager.

Education:

Bachelor of Science in Civil Engineering | Florida Institution of Technology | 1988

JOSH H. CHANEY, PE***PROJECT MANAGER***

Josh Chaney is a licensed professional engineer and during his time at SSE, has further expanded his knowledge in the fields of stair and rail design, erection engineering and building design. Josh serves as project manager for a variety of miscellaneous steel design projects.

Education:

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



BRYCE H. REEVES, PE***PROJECT MANAGER***

Bryce Reeves is a licensed professional engineer and during his time at SSE, Bryce has expanded his knowledge and skills in structural steel design, specifically connection design. Bryce is a valuable asset to our team working through countless complex connection design projects. He is also skilled in shop drawing reviews.

Education:

Bachelor of Science in Civil Engineering | University of South Carolina | 2019

ROB P. O'NEAL, EIT***PROJECT ENGINEER***

Rob O'Neal is an engineer in training (E.I.T) and is working towards professional licensure as a PE. During his time at SSE, Rob has expanded his knowledge and skills in structural steel design, specifically miscellaneous steel design, including items such as stairs, railings, ladders, catwalks, and platforms.

Education:

Bachelor of Science in Civil Engineering | The Citadel | 2021

ZACHARY E. LANE, EIT***PROJECT ENGINEER***

Zachary Lane is an engineer in training (E.I.T.) working towards professional licensure as a PE. During his time at SSE, Zachary has expanded his knowledge and skills in structural steel design, specifically connection design. He designed steel connections in a variety of complex structures.

Education:

Bachelor of Science in Civil Engineering | Clemson University | 2021

Associate of Science in Civil Engineering | Horry-Georgetown Technical College | 2018

SATYAM V. BHOSALE, EIT***PROJECT ENGINEER***

Satyam is an engineer in training (E.I.T.) working towards professional licensure as a PE. During his time at SSE, Satyam has expanded his knowledge and skills in structural steel design, specifically connection design. He worked on a thesis with CBFEM connection design and is skilled in the analysis program IdeaStatica.

Education:

Bachelor of Engineering in Civil Engineering | Kolhapur Institute of Technology, Maharashtra, India | 2019

Master of Science in Civil Engineering | University of Illinois Chicago | 2023



KIRITHIGAA A. JEYARAJ, EIT

PROJECT ENGINEER

Kirthi is an engineer in training (E.I.T.) working towards professional licensure as a PE. With 7 years of experience in connection design, Kirthi is now advancing her knowledge and skills in miscellaneous steel design, including items such as stairs, railings, ladders, catwalks, and platforms.

Education:

Bachelor of Engineering in Civil Engineering | Thiagarajar College of Engineering | 2015
Master of Science in Civil Engineering | Oklahoma State University | 2017

ESTHER G. DAVIDSON

OFFICE MANAGER

Esther Davidson joined SSE as an Office Manager bringing with her a diverse professional background including experience in business operations and design administration. Esther sets up bid documents and new projects and ensures project updates, payments, purchase orders, and change orders are logged and processed within our system.

Education:

Associate of Science in Business Administration & Accounting | Calhoun Community College | 2013

CHANDLER P. WILLIAMSON

ESTIMATOR

Chandler Williamson has a diverse background, ranging from creative endeavors in photography and videography to working in healthcare. She prepares takeoffs for delegated design engineering projects, estimates costs, and drafts proposals.

JOHN O. BROWN, JR.

DRAWING REVIEW COORDINATOR

John has worked in steel detailing for over 33 years. He has worked on a variety of structures using Tekla in various roles from detailing to checking. As Drawing Review Coordinator, John utilizes his knowledge and to experience review steel shop and erection drawings to ensure consistency from design to detailing to construction.

