



pipeline / terminal

⌘ ssoe®. making clients successful.



Why SSOE? The SSOE Experience is the combination of our Value Promise and Great Client Service that results in trusted relationships.

To consistently exceed clients' expectations is a common goal in our industry. So, how is our promise of outstanding performance any different from others? We have proof. Greater than 98% of clients we surveyed would recommend SSOE Group to a colleague. And more than 150 of our clients have been with us for at least 20 years. These endorsements are a result of our Great Client Service—our corporate-wide commitment to understand and exceed your expectations and deliver unexpected benefits.

For decades, we've found ways to deliver greater value to clients. You can count on us to deliver high quality projects, on schedule, with fewer problems, and for lower total cost to save you time, trouble, and money. Through this Value Promise SSOE returned 105% of our fee to clients in the form of project savings over the last 5 years.

Advantages

- You'll have access to a broad range of in-house services to handle projects of any size, scope, and level of complexity, and you'll work with a team of experts who've completed more than 1,000 pipeline and terminal projects with major oil and gas companies.
 - We've worked through many projects that posed challenges of one type or another. In the process, we've gained the knowledge to develop better, often unique, options.
 - We adhere to ISO compliant quality system procedures and stay up-to-date on new requirements imposed by governing bodies.
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"It's critical that our project teams work together seamlessly and follow our processes. That's one reason we've worked with SSOE on several projects. Their designers and engineers have been reliable and professional. SSOE consistently met its deadlines, which made it easier to realize our goal of working within budgets and schedules."

Ted Blum, Terminal Engineering Supervisor
Marathon Petroleum Company

David Mack, Terminal Engineering Supervisor
Marathon Petroleum Company

Representative Clients

- ANR Pipeline Company
- Consumers Energy
- DTE Energy
- EP Energy
- Enbridge
- EPCO
- Great Lakes Gas Transmission
- Magellan
- Major Pipeline
- Marathon Petroleum Company
- Merit Energy
- Michigan Consolidated Gas
- Owens Corning
- Shell
- Texas Gas Transmission
- Vectren Corporation
- Whiting Petroleum Corporation



Technical Specialties

- Above ground storage tanks
- Anomaly remediation
- Asphalt blending systems design
- Asphalt / Petroleum loading and unloading
- Asphalt vapor abatement system design
- Biodiesel / Ethanol storage
- Blast resistant building construction
- Commissioning and start-up
- Compression / Pumping station design
- Conceptual design
- Construction management
- Cost estimating and budgeting
- Distribution system mapping
- Electrical power distribution upgrades
- Electrical power quality and reliability
- Environmental compliance
- Equipment specifications
- Feasibility studies
- Fuel / Biofuel blending
- Heat trace systems
- Launcher / Receiver design
- Load rack fall protection / Safety improvements integration
- Noise control
- Pipeline design
- Pipe stress analysis
- Pipeline integrity
- Polymerized asphalt production facility design
- Process automation, programmable logic controller (PLC), and human machine interface (HMI) programming
- Process hazard reviews
- Process instrumentation and controls
- Process simulation
- Procurement
- Project close-out / As-built drawings
- Project management
- Project scheduling
- Storage field gas processing
- Systems integration, control system, and SCADA upgrades
- Terminal facility
- Terminal piping systems design

Project Types

- Asphalt terminals
- Cast iron / Bare steel replacement
- Compressor stations
- Electrical infrastructure upgrades
- Gas distribution system design
- Mainline valve stations
- Metering stations
- New stations
- Odorization system
- Pipeline relocation
- Pipeline terminals
- Power system evaluations / upgrades
- Product storage terminals
- Regulator stations
- Retrofits / Upgrades to pumping stations

Locations

Albany, NY
Alliance, OH
Atlanta, GA
Birmingham, AL
Chandler, AZ
Chengdu, China
Cincinnati, OH
Columbus, OH
Hamburg, Germany
Huntsville, AL
Kalamazoo, MI
León, Mexico
Lima, OH
Midland, MI
Monterrey, Mexico
Mumbai, India
Nashville, TN
Omaha, NE
Penang, Malaysia
Portland, OR
Raleigh-Durham, NC
Riverside, CA
St. Paul, MN
Santa Clara, CA
Shanghai, China
Shenzhen, China
Toledo, OH
Troy, MI
Washington, DC

Markets

Energy
Life Sciences
Manufacturing / Process
Telecommunications

Services

Architecture
Construction management
Data / Fire / Security
Energy consulting
Engineering
Master planning
Procurement
Project / Program management
Site selection
Tool install
Virtual Design and Construction

Rankings

Engineering News-Record (ENR)

- Top 10 Manufacturing Design Firm for the past 6 years
- Top 20 Chemical Plant Design Firm for the past decade
- Top 25 Industrial Process Design Firm for the past decade

Building Design + Construction (BD+C)

- Top 10 Engineering / Architecture Firm for the past 5 years
- Top 10 Industrial Engineering Firm for the past 5 years
- Top 15 BIM Engineering Firm for the past 6 years

Named "Best AEC Firm to Work For"
(Building Design + Construction)

Named a "Great Workplace"
(Great Place to Work®)

SSOE Facts

- SSOE was founded in 1948 and currently has more than 20 locations worldwide.
- We are a global project delivery firm for architecture, engineering, and construction management, with projects in 40 countries.
- SSOE offers program management services from design through construction, to commissioning and start-up, for seamless project delivery.
- SSOE's focus is using the appropriate project delivery method for your goals, including Virtual Design and Construction (VDC), which brings our clients better and faster results through more integrated teams and advanced technologies. Even when a more traditional delivery model is used, you'll see significant benefits from the collaboration strategies and technological capabilities our leadership in VDC necessitates.



www.ssoe.com/pipeline



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