

Siefert Associates, LLC defines the often-misunderstood term, "**Construction Engineering**" for Temporary Works: *the creation of Working Drawings for the temporary conditions required for safe project completion, for which no specific design or detail appears in the Contract Documents.* Working Drawings prepared by Siefert Associates are sufficiently detailed plans with supporting calculations and logistics, tailored to the client's preferred means, methods and budget.

#### EXECUTIVE LEADERSHIP

##### **PRESIDENT**

Vincent A. Siefert, PE

##### **VICE PRESIDENTS**

Kevin B. O'Neill, PE

Fady Kari, PE

Andrew G. Ritter, PE

##### **SENIOR PROJECT ENGINEERS**

Ram M. Kasturi, PE

Chuck J. Neth, PE

##### **PROJECT ENGINEERS**

Thomas J. Orszulak, PE

Phillip R. DaRold, PE

Lucas A. Morgan, PE

Thomas J. Rabinko, PE

Siefert Associates, LLC takes pride in the fact that our executive leaders collectively have over 150 years of hands-on experience working in the field as Engineers, General Superintendents and Project Managers on multiple heavy highway and building projects.

#### AT A GLANCE

Founded: 2000

Number of Employees: 25+

Revenues: \$4+ million

Website: [www.siefertassociates.com](http://www.siefertassociates.com)

#### PRIMARY CLIENTS

Large National Construction Companies, Local Contractors, Manufacturers and Suppliers of Construction Equipment and Materials

#### INDUSTRIES SERVED

Civil Construction, Bridges, Heavy and Highway Construction, Buildings, Railroads, Utility, Marine, Power, Industrial, and Petrochemical

#### COMPETITIVE ADVANTAGE

##### **RESPONSIVENESS**

We constantly communicate with our clients. When they call us, we pick up the phone and respond no matter what time, day or night.

##### **ON TIME DELIVERY**

Making deadlines, staying ahead of the curve, and jumping in when urgent needs arise - that is what our clients demand and what we do best.

##### **QUALITY WORK**

We produce contractor friendly working drawings with the appropriate level of detail, which consistently fly through the approval process.

As leaders in Construction Engineering, we continually provide our clients with quality work delivered on time. We provide unparalleled service to clients in the following areas of Lift Planning, Structural and Geotechnical Engineering:

#### ENGINEERED LIFT PLANNING

- Accelerated Bridge Construction (ABC)
- Crane Layout Plans
- Demolition Plans for Bridges/Buildings
- Erection Plans for Bridges/Buildings
- Alternative Lifting Options
- Rigging Design and Analysis
- Heavy Hauling Operations
- Agency Filings – NYC DOB, TA and DOT
- Rebar Cage Lifting and Handling
- Tower Cranes
- Derricks

#### GEOTECHNICAL ENGINEERING

- Support of Excavation – Sheet Piling, Soldier Piling, Soil Anchors, Shotcrete, etc.
- Cofferdams
- Geotechnical Investigation – Bridges, Buildings, Embankments, etc.
- Slope Stability Analysis
- Retaining Walls – GRES, Concrete, Masonry, etc.
- Pavement Structures
- Pile Foundations & Shallow Foundations
- Waterfront Structures
- Support and Protection of Utility Structures
- Geotechnical Instruments and Monitoring

#### STRUCTURAL ENGINEERING

- Temporary Support Structures
- Temporary Trestles
- Temporary Bridges
- Work and Personnel Access Platforms
- Equipment Platforms
- Debris Shields
- Concrete Formwork
- Safety/Fall Protection
- Construction Loading on Structures
- Structural Lifting – Bridge Jacking, Bearing Replacement, etc.
- Connection Design

#### SUPPORT SERVICES

- On-Site Engineering
- On-Site Drafting
- Legal Consulting
- 3<sup>rd</sup> Party Peer Review
- Education and Seminars
- Field Inspections
- Field Measurements
- Regulatory Agency Filings
- Forensic Investigation
- Value Engineering