

## Nar Sripadanna, P.E. | Senior Structural Engineer

14950 Heathrow Forest Parkway, Suite 520, Houston, TX 77032

281-620-0399

[nar.sripadanna@efiglobal.com](mailto:nar.sripadanna@efiglobal.com)

### Professional Summary:

Mr. Sripadanna has been a structural engineer for over 35 years. He designed new industrial and commercial structures, conducted failure investigations of residential, commercial and industrial structures. Prepared remedial repair drawings to distressed structures. Mr. Sripadanna specializes in the following areas.

- Failure investigations.
- Structural calculations and analysis.
- Computer modeling and analysis.
- 3d modeling

### Licenses and Certifications:

Professional Engineer, Alabama, #22879  
Professional Engineer, Arizona, #32152  
Professional Engineer, California, #C61950  
Professional Engineer, Colorado, #43148  
Professional Engineer, Florida, #PE0052840  
Professional Engineer, Illinois, #062.063419  
Professional Engineer, Louisiana, #E27849  
Professional Engineer, Mississippi, #17163  
Professional Engineer, Maryland, #39494  
Professional Engineer, Nevada, #019035  
Professional Engineer, New York, #0088749-1  
Professional Engineer, New Jersey, #43330  
Professional Engineer, North Carolina, #38923  
Professional Engineer, Ohio, #E61943  
Professional Engineer, Oregon, #59551PE  
Professional Engineer, Oklahoma, #23631  
Professional Engineer, Pennsylvania, #PE077637  
Professional Engineer, South Carolina, #29472  
Professional Engineer, Texas, #77984  
Professional Engineer, Utah, #7783177-2202  
Professional Engineer, Washington, #35354.

### Project Experience:

#### **EFI Global, Inc.**

#### **Explosion damage.**

Evaluated numerous residences damaged by Watson Grinding Explosion. Evaluated the exteriors, interiors and roof framing.

**S&S Structural Consultants Inc.****Flood and explosion damage**

Evaluated tropical storm Imelda flood damage to residences in Houston and Beaumont. Evaluated explosion damage to residence in Port Neches from the TPC chemical plant.

**Schlumberger/T&T Engineering Inc.****Designed Oil Rigs**

Designed land rigs and peer reviewed the design of offshore derricks on drill ships. Prepared technical reports on-feasibility of a new rig design in Russia.

**FASC Inc. 2008-2012****Industrial Foundation Design and Commercial exterior wall design.**

Designed industrial foundations for tanks and equipment throughout the country. Prepared drawings and assisted customers in getting building permits. Designed exterior walls for schools, churches, and commercial buildings.

**Engineering Systems Inc.****Industrial and Commercial Losses**

Evaluated coal and grain silos, loading docks, crane failures, multi-story office building curtainwalls, tornado damaged apartments, and YMCA's.

**Engineering and Fire Investigations.****Residential Plumbing Investigations and Hail Damage Assessments**

Evaluated residential foundations for plumbing losses for 6 years. Evaluated miscellaneous claims such as tank failures, cold storage structural failures, dormitories, loading docks, and grain storage facilities.

**Law Engineering.****Existing Building Evaluation.**

Evaluated and repaired parking garages and commercial office buildings. Provided remedial repair drawings for building envelopes.

**Srusti Architects.****New building design and construction.**

Performed structural designs for 6 movie theatres.

**Professional Experience:**

EFI Global, Inc., Senior Structural Engineer, 2020 to Current.

S&S Structural Consultants Inc., Principal Engineer, 2019-2020

Schlumberger/T&T Engineering Inc. Principal Structural Discipline Manager, 2012-2018

FASC Inc., Principal Engineer, 2008-2012

Engineering Systems Inc. Senior Consultant. 2002-2007

Engineering and Fire Investigations, Senior Engineer 1996-2002

Law Engineering, Principal Engineer, 1989-1996

Srusti Architects, Design Engineer, 1984-1987

### Specialized Education:

Creo 3d modeling training Seminar, Impact System Inc., 2018  
Schlumberger HSE manager training, 2018  
Schlumberger Management Training 2017

### Education:

Master of Science in Civil Engineering, Texas A&M University, College Station, Tx, 1992

### Affiliations:

American Society of Civil Engineers  
American Petroleum Institute

### Publications and Presentations:

Sripadanna, Nar, "Mast Axial Capacities," ASCE Texas Section, 2016.  
Sripadanna, Nar, "Parking Garage Column Repair with Carbon Fiber Reinforcement," ASCE Texas Section, 2005.  
Sripadanna, Nar, "Collapse and Local Buckling of Structures," ASCE Texas Section, 2004.  
Sripadanna, Nar, Paul Roschke, and Kevin Pruski, "Time-Dependent Behavior of Post-Tensioned Slab Bridge," ACI Structural Journal, May/June 1999.  
Sripadanna, Nar, and David Nicastro, "Museum Mask," Failure Mechanisms in Building Construction, ASCE Press.  
Sripadanna, Nar, "Remedial Construction of Texas Seaport Museum," ASCE Texas Spring Section Meeting, 1995.  
Sripadanna, Nar, "Distresses 'Designed-into' Parking Garage Structures – Problems and Solutions," International Concrete Repair Institute's (ICRI) Magazine, May/June 1994.  
Sripadanna, Nar, "Forensics and Finite Elements," ASCE Texas Fall Section Meeting, 1994.  
Sripadanna, Nar, "A Project Profile of a Parking Garage Structural Failure," ACI Spring Convention, 1994 in San Francisco.  
Sripadanna, Nar, "Experimental and Analytical Study of Post-tensioned Slab Bridge," ASCE Texas Fall Section Meeting, 1992.

### Honors and Awards:

President's Award, Law Engineering, Client Service – Texas Seaport Museum, 1993  
Eagle Award, Law Engineering, Structural Damage Assessment – Northridge Earthquake in Los Angeles, 1994