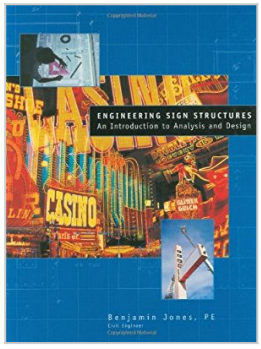


# Engineering Sign Structures: An Introduction to Analysis and Design

*By Benjamin Jones*



**Engineering Sign Structures: An Introduction to Analysis and Design** By Benjamin Jones

This comprehensive text more than meets the demand within the sign industry for a book on the structural engineering of signs. Sign companies, structural engineers and public agencies charged with regulating building construction will all benefit from the detailed contents: engineering perspective, analysis, practices, history; load calculations for signs exposed to all types of environmental conditions; freestanding sign structures, load effects, resultants and columns; connections, structural bolts and welds, column splices, base plates and anchor bolts; footings for sign columns, soils, structural concrete, pier and spread footings; internal sign cabinet frames, cantilever arms and torsion beams; building signs, wall sign anchorage, wooden post signs; computer aided engineering, spreadsheets, and finite element analysis. The book also includes the fundamental mathematics for readers not already familiar with engineering calculations. With hundreds of figures, tables and equations, *Engineering Sign Structures* has become the standard reference for both the sign and structural engineering industries.

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**Engineering Sign Structures: An Introduction to Analysis and Design By Benjamin Jones Bibliography**

- Sales Rank: #405325 in Books
- Published on: 1998-05-01
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x 8.50" w x 1.00" l, 2.25 pounds
- Binding: Hardcover
- 320 pages

## Editorial Review

About the Author
Benjamin Jones, PE, is a third-generation structural engineer. His grandfather may have been the first engineer to seriously consider sign structures. Jones was a Vice President and Chief Engineer for Young Electric Sign Company, one of the largest sign companies in the world, and responsible for many of the megalightic sign structures of Las Vegas and other cities.

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