

# Robert Matthews

## Structural Engineer

I'm a professional engineer in CA, TX, NY with over 20 years of experience in structural and civil engineering and construction teams. Skilled in project management, team work and communication projects. Providing structural planning to MEP design, HVAC system design and construction design.

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📄 live:.cid.285bd01e4004ae09

## WORK EXPERIENCE

### Structural Engineer ZFA Structural Engineers

04/2017 - 05/2020

*Achievements/Tasks*

- Structural design for steel, concrete, wood, and masonry structures
- Structural design for complex geometries, such as sculptures, solar arrays, and fabric tension structures

### Structural Engineer RailPros, Inc.

08/2020 - 03/2022

*Achievements/Tasks*

- Structural BIM modeling utilizing Revit, including clash detection
- Design-build and construction engineering for contractors

## CERTIFICATES

CA Licensed PE (02/1995 - 01/2025)

TX Licensed PE (08/2015 - 06/2024)

NY Licensed PE (08/2019 - 12/2024)

## EDUCATION

### Structural Engineering University of Texas at Austin

04/1988 - 03/1994

## SKILLS

Structural Desgin

Structural Engineering

Civil Engineering

MEP Design

HVAC System Design

Construction Management

## VOLUNTEER EXPERIENCE

Title/Position  
Organization

## ORGANIZATIONS

RailPros, Inc. (08/2020 - 03/2022)

## HONOR AWARDS

Bachelor of Structural engineering (04/1988 - 03/1994)  
*Oklahoma State University*

## LANGUAGES

English  
*Full Professional Proficiency*

Franch  
*Limited Working Proficiency*

## SUPPORTED CAUSES

Structural Engineering

Civil Engineering

Autodesk Revit

## INTERESTS

Climbing