



**Exponent**<sup>®</sup>  
Engineering & Scientific Consulting

## Andriani Stefanaki

Manager | Construction Consulting  
Oakland  
+1-510-268-5076 | [astefanaki@exponent.com](mailto:astefanaki@exponent.com)

### Professional Profile

Ms. Stefanaki is a civil/structural engineer with over 7 years of experience in analyzing, designing and rehabilitating concrete buildings, historic masonry buildings and bridges subjected to static and dynamic loadings, with emphasis on the aspect of structural safety against earthquakes. Her roles included development of design drawings, preparation of project proposals, scheduling/permitting/budgeting, leading the analysis efforts and serving as the main point of client contact.

Ms. Stefanaki has worked in multidisciplinary engineering teams on multiple occasions. Her expertise and skills are a balanced combination of design/analysis, field work and construction site management and supervision.

Prior to Exponent, Ms. Stefanaki was involved in the design and analysis of a wide range of structures, including concrete buildings (e.g. residences, hospitals), historic masonry buildings, cultural monuments, archaeological sites, railway platforms, telecommunication towers and bridges, in both the US and Europe. Some of these projects required the approval of authorities at the state or national level, such as the Texas Department of Transportation and the Greek Ministry of Culture.

### Academic Credentials & Professional Honors

M.Sc., Civil Engineering, Rice University, 2016

B.Sc., Civil and Structural Engineering, Aristotle University of Thessaloniki, Greece, 2006

### Prior Experience

Staff Civil/Structural Engineer EIT, IEA Inc., Dallas, Texas, 2017-2018

Staff Civil/Structural Engineer EIT, Allpro Consulting Group Inc., Dallas, Texas, 2017

Graduate Teaching Assistant, Rice University, Houston, Texas, 2016

Senior Civil/Structural Engineer, Anastasios-Panagiotis Markopoulos and Associates, Athens, Greece, 2010-2015

### Languages

German

## Project Experience

Electric Utility Work: Management of electric utility development/upgrade projects throughout all project phases; financial forecasting; budget management; project scheduling; project coordination; assistance in proactive decision-making and project planning.

Infrastructure: Concrete bridge structural design, analysis and construction drawings per TxDOT; evaluation of existing bridge structures; independent design checks for bridge projects.

Telecommunications: Structural design and analysis of telecommunication towers, shallow and deep foundations.

Buildings: Structural design and analysis (concrete residential, commercial and hospital buildings, masonry buildings); scheduling; budgeting; permitting; construction supervision field work.

Archaeological sites and cultural monuments: structural analysis and design; restoration work; government permitting.