

## Ahmet Colakoglu, PE, SE | Vice President, Telecom Services

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### Professional Summary:

Mr. Colakoglu has 25 years structural engineering experience specializing in evaluation of existing structures, structural design of additions & alterations, and investigation of structural failures and deficiencies. Mr. Colakoglu was involved in the investigation of more than 2000 structures and has experience in evaluating structural damage due to flood, snow, wind, construction deficiencies, settlement, and impact. He also designed commercial, residential, and institutional buildings for three years.

Mr. Colakoglu has extensive and specialized structural engineering experience in wireless telecommunication sites, covering all types, including towers, antenna mounts, and rooftops. He has been the engineer of record for more than 8,000 telecommunication sites. His experience in the tower industry includes 4 years at a fabrication facility. He testified before zoning boards in NJ, DE, PA and NY at more than 60 occasions as a civil engineering expert.

### Licenses and Certifications:

Professional Engineer, Alabama, #30491-E  
Professional Engineer, Colorado, #PE.0064237  
Professional Engineer, Connecticut, #27057  
Professional Engineer, Delaware, #14504  
Professional Engineer, Florida, #69688  
Professional Engineer, Georgia, #33872  
Professional Engineer, Hawaii, #PE-16337  
Professional Engineer, Iowa, #21342  
Professional Engineer, Idaho, #PE-16292  
Structural Engineer, Illinois, #81.006821  
Professional Engineer, Indiana, #PE11100614  
Professional Engineer, Kansas, #21327  
Professional Engineer, Kentucky, #26655  
Professional Engineer, Louisiana, #35031

Professional Engineer, Massachusetts, #48288  
Professional Engineer, Maryland, #34335  
Professional Engineer, Michigan, #6201056838  
Professional Engineer, Minnesota, #50293  
Professional Engineer, Missouri, #PE-2011011126  
Professional Engineer, Mississippi, #19269  
Professional Engineer, North Carolina, #036074  
Professional Engineer, New Hampshire, #12929  
Professional Engineer, New Jersey, #24GE04549300  
Professional Engineer, New York, #087313  
Professional Engineer, Ohio, #74482  
Professional Engineer, Oregon, #86036PE  
Professional Engineer, Pennsylvania, #PE075726  
Professional Engineer, Rhode Island, #9335  
Professional Engineer, South Carolina, #27353  
Professional Engineer, Tennessee, #114066  
Professional Engineer, Texas, #104336  
Professional Engineer, Virginia, #038772  
Professional Engineer, Vermont, #018.0059378  
Professional Engineer, Wisconsin, #42050-6  
Professional Engineer, West Virginia, #18644

### Project Experience:

#### **Hurricane Sandy, New Jersey and New York Forensic Investigations of Storm Damage**

Engineer of Record for forensic evaluation of approximately 800 properties damaged by Hurricane Sandy in 2012. Provided reports for flood damage, wind damage, and wind vs wave evaluations.

#### **Sprint, Verizon, T-Mobile, AT&T, Nationwide 2G,3G,4G, and 5G New Sites and Upgrades**

Structural Analysis and Design of 10,000 sites nationwide through evolution of wireless telecommunication technologies. Experience covers the entire spectrum, such as: rooftops in old

parts of New York and Philadelphia, Water Tanks and Smoke Stacks in high wind and seismic regions and towers of all kinds including the 20th tallest structure in the nation

**Hurricane Harvey, Houston, Texas  
Forensic Investigation of Flood Damage**

Managing Engineer for flood damage evaluation of more than 500 properties in Texas. Investigated damage to properties due to hydrostatic and hydrodynamic flood forces and settlement.

**Court Qualifications/ Depositions:**

Litigation CV available upon request.

**Professional Experience:**

EFI Global /Destek Engineering, LLC, President, 2011 – 2019  
LETS Volver International LLC, Vice President, 2010 – 2011  
Velocitel, Engineering Manager, 2009 – 2010  
CMX, Department Manager, 2001-2009  
Nokia, Construction Manager, 1999-2001  
Mitas, Design Engineer, 1995-1999

**Education:**

Bachelor of Science, Civil Engineering, Middle East Technical University, Ankara, Turkey, 1995

**Affiliations:**

Telecommunication Industry Association (TIA) TR-14, Voting Member  
American Society of Civil Engineers (ASCE)  
American Institute of Steel Construction (AISC)  
International Association for Shell and Spatial Structures, Working Group 4: Towers and Masts