
PROFESSIONAL PROFILE

Mr. Salek is a structural engineer with over fifteen years of diversified experience in both civil and structural engineering. Mr. Salek serves as Director of Wireless Telecommunications Services for Chappell Engineering Associates, LLC in charge managing and implementing client directives, preparing engineering cost estimates, assembling job proposals, and serving as client liaison. Since joining the firm in 2005, Mr. Salek has been responsible for the preparation of lease exhibits, zoning and construction documents including plans, structural evaluation of buildings, smokestacks, water standpipes and tanks and various other structures for the telecommunications industry, preparing technical specifications, conducting field inspections, as well as the coordination and payment of sub contractors. Below is a sampling of his experience.

REPRESENTATIVE PROJECT EXPERIENCE

Telecommunication Installations, Various Locations, MA, NH, RI. *Project Engineer/Structural Engineer* for design of numerous wireless communication sites, including raw land sites with self-supporting towers, rooftop build-outs, and rooftop platforms. Existing building evaluations have included reinforced concrete, masonry, steel, and timber frames and trusses. Installations included location equipment shelters and cabinets on building load bearing systems and room build-outs within existing buildings. Clients: Verizon Wireless, Metro PCS, T-Mobile, Sprint/Nextel, AT&T Wireless

The Residences at Brook Hill, Milton, MA. *Project Structural Engineer* for the design of footings, basement walls, slab on grade, steel columns and steel girders to support a four story mixed use commercial/residential building. The purpose is to provide basement level parking for the tenants. Client: Brenco Construction Company

SC Fuller Mental Health Facility, Boston, MA. *Project Structural Engineer* for the design of steel equipment frame to support new direct fired absorption chiller on the rooftop. Responsibilities included researching existing structural building plans, field measurements of existing mechanical room, and the development of an independent elevated structural steel frame tied into existing building column locations to support new chiller. Client: JF White Contracting Company

Bridge Crane Design, Lexington DPW. *Project Structural Engineer* for the design of crane runway girders, supports and connections to existing fabricated roof trusses for two separate bridge cranes servicing the Lexington DPW. Design completed according to the Crane Manufacturers Association of America (CMAA) and Mass State Building Code, as specified within the project specifications. Client: North American Industries

Bridge Deck Replacements, Central MA. *Structural Engineer* for the bridge deck replacement of nine existing Turnpike bridges. Responsibilities included performing structural inspection of the existing structure, and preparation of civil and structural plans. Client: Massachusetts Turnpike Authority

MassHighway Footprint Bridges. *Structural Engineer* for the rehabilitation and/or replacement of bridges under MHD's footprint bridge contracts. Responsibilities included coordinating and performing field inspection and the preparation of plans. Client: MassHighway

MassHighway Bridge Ratings. *Field Inspector/Engineer* of existing bridges under MHD's ratings contract. Responsibilities included performing in-depth condition inspection and evaluations for approximately 20 bridges and performed bridge rating calculations for 7 bridges. Structure types included: timber trusses, composite steel/concrete mainline highway bridges, stone arches, concrete I-beam bridges, and iron trusses. Client: MassHighway

MassHighway Sign Support Inspection. *Field Inspector/Engineer* for existing overhead sign support structures. Responsibilities included: structural field inspection of sign supports, preparation of structural inspection reports, coordinating field crews and police details, and provide recommendations for the maintenance of existing deteriorated structures. Client: MassHighway

EDUCATION

BS/1993/Civil Engineering/Northeastern University, Boston, MA
BSET/1991/Civil Engineering Technology/Wentworth Institute of Technology, Boston, MA

REGISTRATION

2008/Professional Civil Engineer/MA
2008/Professional Civil Engineer/NH
2008/Professional Civil Engineer/VT
2008/Professional Civil Engineer/ME
2008/Professional Civil Engineer/CT