

PROFESSIONAL PERSONNEL

MADLINE COSTELLI, E.I.

Project Engineer



EDUCATION:

Bachelor of Science, Civil Engineering
University of Mississippi, 2014, Summa Cum Laude

PROFESSIONAL REGISTRATIONS:

Mississippi - Engineer in Training # EI-25778

PROFESSIONAL AFFILIATIONS:

American Society of Civil Engineers
American Council of Engineering Companies
Engineers Without Borders, Gulf Coast Professional Chapter
Gulf Coast Young Professionals

PROFESSIONAL EXPERIENCE:

Became a Structural Engineer at Simpkins & Costelli, Inc. on June 1, 2016. Since then, Ms. Costelli has participated in many structural projects including buildings that include dorm assessment, sports complexes, churches, existing building structural assessments, and higher education and research facilities.

Two years as a Project Engineer at Lanier & Associates Consulting Engineers, Inc. in New Orleans, LA developing conceptual designs, detailed designs, and technical specifications for various types of projects related to the dry and liquid bulk handling industry including ship/barge/rail loading and unloading systems.

Projects included monopiles, ship/barge docks, hose towers, pipe racks, approachways, walkways, mooring and breasting analyses, ship/barge mooring and breasting dolphins, heavy haul road inspections, capacity studies of existing dock systems, slope stability monitoring and improvements, building foundations, flare and propane tank foundations, and project management.

Summer Intern at Neel-Schaffer, Inc. in Jackson, MS in 2013. Projects included checking quantities for the Old Taylor Road bridge expansion in Oxford, MS and designing the new MDOT Box Culvert Standards.

Spring of 2013 semester worked as a Research Assistant under Dr. Waheed Uddin in the Center for Advanced Infrastructure Technology (CAIT) at the University of Mississippi School of Engineering. Tasks included utilizing Microsoft PowerPoint and Excel to create tables and charts displaying research on multimodal projects.

Summer Intern at Mississippi Department of Transportation, Gulfport, MS project office in 2012. Inspected bridge construction for the Sanghani Boulevard project in D'iberville, MS. Construction efforts included completion of connector roads (dirt work, asphalt, box culverts, curbs, and striping), redirected all traffic to temporary roads and signals, and test piles including seismic testing for the overpass bridge.