

**Education:** University of South Alabama  
Mobile, AL  
B.S. Civil Engineering, 2014

**Professional Associations:**

American Society of Civil Engineers (ASCE), Student Chapter  
American General Contractors (AGC), Student Chapter  
National Society of Black Engineers (NSBE), Student Chapter

**Experience:**

***Driven Engineering, Inc.***  
***Civil Engineer, B.S.C.E Graduate***  
May 2014 to present

I aided project engineers with storm water design, transportation and bridge design, commercial site development and coordination with municipalities and utility owners. I have assisted survey personnel for design and drawing of preliminary plans such as; topographical surveys, boundary surveys, drainage plans, roads, bridges and construction plans. Inspected road projects using the ALDOT Construction Manual, collected construction quantities to assemble QCQA Hot Mix Adjustment, Final County Documents, utility installations and prepared bid tabulations. I maintain proficiency with design software including MicroStation, InRoads and AutoCAD.

***Mobile County Engineering Dept.***  
***Engineer Technician I***  
January 2006 to May 2014

I prepared basic informational, utility and other maps from existing maps, property records, plat, and contract drawings. Made freehand and mechanical lettering on maps and display materials. Prepared photographic work for the engineering department; legal descriptions of land to determine ownership, acreage, front footage and depth. Measured and drew scale sketches of structures under appraisal. Consulted with consulting engineers, operated a theodolite, transit and level in performing location, topographic cross section and other engineering survey. Performed lay-out work for construction of streets, storm drains, sanitary sewers, curb and gutter, sidewalks, water lines, recreation/park facilities and driveway cross overs. Checked profiles for proper grade, located lot lines and references measurements necessary to stake construction projects to establish horizontal controls. Conducted presentations of Inroads applications for University of South Alabama Civil Engineer students.

**Selected Project Management and Design Experience:**

***14076-Mobile Gas - Tonlours Permitting*** – Assisted the design engineer with design, construction inspection, cost estimation and the preparation of construction permit drawings for Mobile Gas proposed gas line installation using CADD.

***14075-Mobile Gas - Woodley Permitting*** – Assisted the design engineer with design, construction inspection, cost estimation and the preparation of construction permit drawings for Mobile Gas proposed gas line installation using CADD.

**Mobile Gas – Briarwood Gas Line Inspection** – Assisted Mobile Gas by providing On-Site representation and assuring that the utility contractors install the new gas mains in accordance with Mobile Gas specifications. Also provided inspection reporting/documentation and measurements of installed pipe daily.

**13135-ALDOT-Mill Creek Bridge** – Assisted the design engineer with design and cost estimation and the preparation of construction plans using CADD of a proposed bridge over Mill Creek on County Rd. 156.

**MCP-301-11-March Rd. Bridge Replacement** – Assisted design engineer with preparation of field drainage survey, topography, and cad design of the replacement of structure #197. This project involved construction inspection and administration, as well as drafting and the preparation of auditable final documentation at project close-out.

**MCR-2010-005 Roberts Road for Mobile County, Alabama**– Assisted in the drafting of roadway cross-sections and the determination of stopping sight distances.

**STPU-4924(200)-Grand Bay Wilmer Rd.** – Inspected road project while abiding with ALDOT specifications, assembled quantities for QCQA Hot Mix Adjustment, Final County Documents, utility installations and prepared bid tabulations. Administered BMP inspection, as well as preparation of auditable final documentation at project close-out.

**MCP-106-08-Billy Walker Rd. Bridge Replacement # 197** – Assisted design engineer with preparation of field bridge survey, topography, and cad design of the replacement of bridge structure #197. This project involved construction inspection and administration, as well as drafting and the preparation of auditable final documentation at project close-out.

**MCP-105-08-Kelly Trail Bridge Replacement # 243** – Assisted design engineer with preparation of field drainage survey, topography, and cad design of the replacement of structure #243. This project involved construction inspection and administration, as well as drafting and the preparation of auditable final documentation at project close-out.