



Matt Bean, E.I.

Education: Auburn University, Auburn, Alabama
B.S. Civil Engineering, 2007

Certifications: Engineer Intern in the State of Alabama

Professional Associations:
American Society of Civil Engineers (ASCE) Member

Skills Summary: Civil Site Design, Construction Management, Report Writing, Permitting, AutoCAD, WaterCAD, RiverCAD, HydraFlow, HEC-RAS, StormNet, Eagle Point, Land Desktop, Sketch-Up, Microstation, Spanish fluency

Firm Experience: **Civil Engineer, Project Engineer**
Driven Engineering, Inc., Semmes, Alabama
June 2010 to present

A civil engineering graduate with over two years of professional experience Mr. Bean's responsibilities include design of streets and commercial site developments, including coordination with municipalities, utilities, and railroads. His current project focus is on Mobile County Flood Map Revisions project being completed as part of a NOAA Grant to Mobile County. This project includes HEC-RAS modeling of flooding sources, quality control checks, reality checks, and detailed mapping for the issuance of Letters of Map Revision on numerous streams in Mobile County, Alabama. Further responsibilities include project management and quality control inspection of road and drainage projects for clients within Mobile County.

Civil Engineer, Project Engineer
Engineering Ministries International, Colorado Springs, Colorado
January 2009 - June 2010

As project engineer, Mr. Bean assisted in preparation of construction documents for projects in developing countries. He assisted in the organization and management of a team of architects and engineers from across the US and Kenya, and to design a wastewater and drinking water system for a college master plan in Western Africa. He also was an onsite project manager for a three story school building in San Cristobal, Guatemala. While in Guatemala he further performed as lead civil design for an elementary school in Chuixchimal, Guatemala.

Civil Engineer, Project Engineer
Foresite Group, Inc., Auburn, Alabama
September 2007-December 2008

As project engineer, Mr. Bean assisted with the design of multiple civil projects including 30+ Commercial Retail projects, 5+ residential projects, and other projects that were industrial and healthcare related. He organized the environmental permitting and reports for all projects in the office. He also led design of two separate retail building projects.

Project Management and Design Experience:

Mobile County Flood Map Revisions— This project has consisted of preparing a detailed study and map revisions for over 30 miles of streams within Mobile County. Design responsibilities include the coordinating with local surveyors and land owners for each stream segment as well as with the Alabama Office of Water Resources for each revision requests. Furthermore, a new 100 and 500 Yr floodplain and floodway were developed for each stream segment.

USA Specialized Lab Facility for National Institutes of Health – Coordination with project architect, detailed site grading and drainage design, and utility design for a specialized lab facility for the University of

South Alabama in Mobile, Alabama. This facility will be LEED certified and this design includes LEED credits for site design and storm water detention design.

Juan Wesley School-- This project consisted of the project management and design consultant for a three story private Christian School in San Cristobal Totonicapán, Guatemala. Design responsibilities included the management of all on site workers as well as purchase of materials and project budgeting. This position involved translation of English to Spanish as well as US Customary Units to Metric.

Esmirna School Chuixchimal—Lead civil engineer on all design concepts for a three story school design in Chuixchimal Totonicapán, Guatemala. This design was limited by both size and access to public utilities; however, a practical and effective design was submitted to the client. This project is currently in fund raising.

Publix Shopping Center at Auburn, Alabama— This project involved the design of a Publix shopping center and several other surrounding retail buildings. Design responsibilities include the design and grading of the site as well as the onsite detention pond.

Honors:

Beta Theta Pi Social Fraternity
Phi Psi Honor Society
Presidential Classroom

Habitat for Humanity Volunteer
Warden for the Consulate in Guatemala