

John Clint Bradford, P.E.

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Education & Licensed

The University of Alabama, May 2016

Bachelor's of Science in Civil and Environmental Engineering

Minor: Mathematics

PE Status: Passed

P.E. Licensed AL No: 18116

January 2021

Work Experience

City of Tuscaloosa

Civil Engineer – Tuscaloosa, AL; December 2022 - Present

- Manage and advance various civil engineering projects ranging in cost from \$50,000 to \$20 million.
- Design and conduct cost estimates for other city projects including parking lots, sidewalks, transportation, and stormwater projects.
- Maintain excellent relationships and communication with residents, stakeholders, and various city offices, such as Public Works, Office of the City Attorney's Office, and the Accounting & Finance Department.
- Supervise The Office of the City Engineer's CAD Technical Team and LIDAR Survey Team
- Prepare and present before the City of Tuscaloosa Project Committee and other district community meetings to request approval from council members and inform the community of various improvement projects.

Nucor Steel Tuscaloosa

Environmental Engineer – Tuscaloosa, AL; March 2020 – December 2022

- Coordinated and safely managed contractors and teammates on environmental projects such as cleaning stormwater outfalls, containment areas, replace stormwater filters in confined areas, and spill cleanup; Led as Radiation Safety Officer and maintained the Radiation programs, radioactive material and x-ray gauge licenses, Rad-melt program, and Trustworthy & Reliable program; Coordinated and led new hire orientation and Monthly Environmental PowerPoint topics.
- Managed all Title V, NPDES, SID, ODS, and Waste Manifest regulated documents and inspections.
- Partnered with operation and maintenance teams to identify areas to maximize profit while displaying sustainability and stewardship of the environment; Led and assisted in audits varying from scrap yard audits, landfill audits, environmental management system (ISO 14001), and quality management system (ISO 9001).
- Tracked data to help document trends in cooling tower cycles and K061 dust generation and efficiently minimize waste, water and chemical usage, water pollutants, and oily water consumption.

TTL, Inc.

Project Professional / Staff Intern - Tuscaloosa, AL; May 2018 – March 2020 / May 2015 – July 2015

- Led and safely directed multiple drill crew teams to drill borings and log soils in the field.
- Managed and coordinated multiple engineering projects ranging from \$10K to \$200K from start to finish; Wrote and completed geotechnical draft reports which contained LPILE Parameter recommendations, pavement design by using the AASHTO DARWin Pavement Design and Analyses system, slope analysis using Slide software by Rocscience.
- Utilized excel spreadsheets to create graphs to present to client and calculate complex formulas to calculate tip elevation for deep foundations (typically using LRFD method), total settlement (Consolidation curves), and bearing capacity (using Terzaghi-Meyerhof equations).

R.E. McGough, P.E.

Environmental Engineer - Northport, AL; May 2016 – May 2018

- Completed drafts of SWPPPs, SPCCs, PMPs, and BMPs for facilities in states across the southeast.
- Assisted Mr. McGough, P.E., with TRI reports, Notification or Regulated Waste Activity forms (8700-12), soil inspection, conducting DNAPL remediation, and collecting stormwater, wastewater, and landfill samples.
- Used AutoCAD programs to create and design a fume hood, landfill boring location and static water levels, dimensions of facility systems like pipe systems, underground wastewater systems, and stormwater runoff.

The University of Alabama, Athletic Department

Student Equipment Football Manager - Tuscaloosa, AL; July 2011 – May 2016

- Ensured that equipment (helmets, pads, cleats) was intact and safe for practice and games; communicated with all coaches respectively and effectively to guarantee that tasks were carried out efficiently.
- Maintained swiftness of responsibility by recognizing potential errors before practices and games to make certain that they were not delayed.
- Directly assisted Receivers Coach Napier, Defensive Coordinator Kirby Smart, Offensive Coordinator Kiffin, and Head Coach Nick Saban with specific, varying tasks each day, which included the following: snapping to quarterbacks, running routes for defense, spotting football during 2-minute drill, and assisting with conditioning drills.
- Contributions helped team's success of 3 SEC Championships and 3 National Championships.

Skills

Completed HAZWOPER, Method 9 - Visual Emissions, DOT Hazardous Material, RCRA, RSO, Internal ISO Auditor training.

- Extensive knowledge of use in Microsoft Office applications, AutoCAD, Civil 3D, HEC-HMS, GIS, and Virtual Surveyor.
- Works with attention to detail, creativity, and a drive for problem solving.
- Displays excellence in time management, project management, leadership, team building, and public speaking skills.
- Attended Dynamic Presenter training, Business Acumen course, and Legal Interview training.

Other

Family - Husband to Shelby for 9 years and father to John (6 yrs), Anderson (4 yrs), Emma (2 yrs), Merri (2 yrs), and Lula (2 mths)

- Interests: Leading Financial Peace University small groups at church, running, golf, coaching little league baseball, Alabama football, hunting, and sourdough breadmaking.

ASCE Tuscaloosa Branch

- Active Member: 2022 – Present
- Secretary-Treasurer: 2024 - 2025
- Vice President: 2025 - Present

Zachary O'Neal, P.E.

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Licenses

Professional Engineering License in Alabama (AL License No.:53030)

Work Experience

- *The City of Tuscaloosa—Civil Engineer*

February 2022 - Present

- Develops engineering plans, technical specifications, and cost estimates
- Bids and manages various City projects
- Manages City inspectors on capital projects
- Works alongside consultants developing plans and managing City projects
- Reviews contractor and consultant payment requests
- Evaluate street lighting requests and work with Alabama Power to facilitate installation
- Evaluate speed study data to compare with City standards for speed table installation
- Developed a process to more efficiently track resurfacing projects and conditions of City streets
- Utilizes public records to verify easements and City ROW for projects and maintenance
- Responds in-person and by phone to citizen request and questions
- Prepares and presents information about projects to elected officials and at public meetings

- *TTL, Inc. Tuscaloosa, AL—Project Professional*

January 2020 – February 2022

- Managed Geotechnical and Material Projects for multiple clients
- Drafted proposals for potential work, including: scope of work and cost estimates
- Managed field work of geotechnical drilling crews and technicians
- Ensured proper techniques were used when obtaining field data
- Maintained relationships internally and externally to aid in completing projects
- Reviewed billing to ensure budgets were maintained

- *Phifer Inc Tuscaloosa, AL—Project Engineer (Part time)*

November 2016 – January 2019

- Designed parts and systems in AutoCAD to solve problems in production
- Oversaw the building and installation of projects with internal support and outside contractors
- Managed multiple jobs simultaneously and coordinated jobs for second plant location
- Implemented a water recirculation system to save over \$1400 a week in water usage

Education

Bachelor of Science in Civil Engineering
Minors in Structural, Architectural and Mechanical Engineering
The University of Alabama Tuscaloosa, Alabama

December 2019

Computer Skills

AutoCAD, Civil3D, ArcGIS, Excel, Outlook, PowerPoint, and Word

William R. Butler, P.E.

Deputy City Engineer
City of Tuscaloosa

Work Experience

Deputy City Engineer 2024-Present
City of Tuscaloosa, AL

- The Office of the City Engineer is responsible for the planning, design, and oversight of City-owned capital infrastructure, including bridges, roads, sidewalks, and storm sewer systems
- The department manages the full lifecycle of capital projects—from concept through construction—to maintain, improve, or replace these assets
- The department is responsible for the review and permit of private development projects, ensuring adherence to City standards, to support responsible growth while minimizing impacts on public infrastructure

Senior Project Manager 2023-2024
Moffatt & Nichol, Norfolk, VA

- Led an \$11M design effort to replace thirteen sub-stations and associated backbone duct bank supporting drydocks, piers, wharves, and critical maintenance facilities for Norfolk Naval Shipyard.
- Managed a diverse team of engineers, sub-contractors, and contracting support to deliver a 35% design solution for one of the Navy’s most critical aircraft carrier and submarine support facilities. Delivered quality while maintaining an executive communication strategy for Navy leadership.
- Implemented the necessary quality control processes required to ensure the project stayed on an extremely aggressive schedule within the budget available. Provided performance solutions despite the challenges of aging and extremely congested utility infrastructure.

Deputy Commander for Operations 2021-2023
Naval Facilities Engineering Systems Command Atlantic, Norfolk, VA

- Led an executive staff directing over 500 personnel in the delivery of \$10 Billion per year in planning, design, construction, real estate, environmental, and public works services to the Navy.
- Created a new team of specialized engineers, analysts, and contracting specialists to execute the Navy’s \$20B nuclear shipyard recapitalization program, keeping pace with vital submarine and aircraft carrier maintenance, and enabling the introduction of new strategic capabilities.
- Orchestrated program and project governance with senior executive leadership to align performance to their specific needs across all aviation, undersea, surface, information warfare, education and training, and quality of life portfolios. Defined stakeholders’ cost, schedule, and performance risks, identifying associated mitigation opportunities to maintain project objectives.

Public Works Officer 2019-2021
Norfolk Naval Shipyard, Portsmouth, VA

- Led over 300 personnel in execution of a \$44.6M annual budget, and the management and sustainment of over \$5.5B of the U.S. Navy’s most technically complex infrastructure.
- Directed implementation of alternate technical solutions to counter unacceptable project delays triggered by changed site conditions for Norfolk Naval Shipyard’s \$190M Dry Dock Four renovation project. Balanced all environmental regulations and permitting requirements with execution to minimize project interruption, maintain schedule, and project budget.
- Successfully championed the creation and award of an Energy Savings Performance Contract for Norfolk Naval Shipyard, using the offsets gained through energy efficiency and cost avoidance to fund over \$175M in new construction, supporting critical industrial operations and energy security.

Assistant Program Manager for Ocean Operations 2016-2019
Maritime Surveillance Systems Program, San Diego, CA

- Orchestrated a complex military, civilian, and contractor team in the planning and execution of all installations and repairs of crucial undersea cable systems and cable shore landings.
- Employed executive communication strategies in the successful engagement of top-ranking U.S. Navy officials for resources to support new technology and innovative implementation solutions.
- Doubled the Navy's limited Maritime Surveillance System installation capacity by initiating the \$200M competitive acquisition of a commercial submarine fiber optic cable installation and repair platform. Navigated technically complex requirements across multiple layers of security and contracting intricacies.

Public Works Officer 2014-2016
Naval Station Newport, Newport, RI

- Led over 200 personnel in the management of \$2.9B of infrastructure, implementing an annual budget of \$20M to support the U.S. Navy's flagship installation for higher-level education.
- Delivered a \$12.4M, 86,000 square foot Learning Commons renovation, modernizing the graduate education facility and enabling sustainment of the institution's critical accreditation.
- Navigated sensitive Environmental Protection Agency engagements to permit \$3.3M of waterfront construction, completed in under 4 months to meet emergent operational demands of the Chief of Naval Operations' International Seapower Symposium.

Positions of Increasing Responsibility, Various Locations 1998-2014

Additional Experience

Equipment Maintenance Program Management

- Implemented life cycle management and replenishment programs for \$13M of divers' life support systems, and \$200M of construction and engineering support equipment.

Contingency Construction and Emergency Response Operations

- Construction of roads, bridges, base camps, airfields, and logistics support hubs in remote locations with elevated security risks.
- Development and execution of emergency response and recovery plans for destructive weather.

Education

- MS in Strategic Studies, United States Naval War College – Newport, RI
- MS in Ocean Engineering, University of Florida – Gainesville, FL
- BS in Civil and Environmental Engineering, Tufts University – Medford, MA

Licenses

- Professional Engineer (Civil) – State of Alabama; Commonwealth of Virginia