

Jefferson County Commision, Birmingham Alabama

Chief Civil Engineer

Job Open Date

05/21/2017

Job Close Date

06/16/2017

Resumes may be emailed to Adrienne Wormley-Davis @wormleydavis@jccal.org. Additionally, you apply at www.jobsquest.org.

Necessary Qualifications

The following Minimum Qualifications are required for this job. You must demonstrate possession of these qualifications by providing a detailed description of your related experience in the work history section of your application. Please note that replicating or restating these minimum qualifications or the information from the Personnel Board's job description as your own work experience will result in your disqualification. Please describe your work experience in your own words to represent the work you have performed that is related to the minimum qualifications for this job.

- Valid Driver's License
- Professional Engineer License from the state of Alabama or from a state with reciprocity with Alabama, Currently in Good Standing.
- Bachelor's Degree in Civil Engineering, Environmental Engineering, or other related Engineering field
- Work experience in a Lead Engineering capacity preparing, reviewing, or approving designs, and construction plans, including management of Construction projects involving Roads, Bridges, Storm Drain Systems, Sanitary Sewers, Wastewater Treatment facilities, or Traffic Systems.

Examples of Duties

- Reviews proposed construction plans to ensure they safeguard the health, safety, and welfare of the public; use accepted civil engineering practices; and comply with applicable codes, regulations and standards.
- Supervises and directs the activities of subordinate personnel.
- Interacts with members of the public, public officials and other governmental agencies.

Knowledge, Skills, and Abilities

- Knowledge of basic engineering and construction methods and terminology.
- Knowledge of engineering maps and records.

- Knowledge of engineering regulations in manuals such as the State specifications book, Standard Drawing book, Materials book, or other jurisdiction regulations.
- Knowledge of basic residential, commercial and industrial construction materials.
- Knowledge of the planning, designing, construction, and maintenance of structures and altering geography to suit human needs.
- Knowledge of principles involved in the management of staff/personnel.
- Skill in using basic mathematics (e.g., addition, subtraction, multiplication, division) to solve problems.
- Skill in selecting the most appropriate course of action in situations where information is unclear or unavailable and making high quality and effective decisions.
- Ability to perform advanced math skills (e.g., arithmetic, algebra, geometry, calculus, trigonometry & statistics)
- The ability to pay close attention to detail in order to ensure the completeness and accuracy of work.
- The ability to operate software programs such as Word, Excel, Outlook, Publisher, Access, or other comparable software
- The ability to read and understand information presented in diagrams, blueprints, maps, specifications, or other pictorial displays.
- The ability to review work and evaluate it against established standards, procedures, laws, or codes to determine any discrepancies between how the work was performed and how it should be performed.
- The ability to use standard formulas, rules and equipment to compute various measurements of objects (e.g., length, width, volume, circumference).
- The ability to orally communicate information and ideas so others will understand.
- The ability to assign and monitor the work of subordinates.
- The ability to teach or train individuals with regard to new information, procedures, processes, and/or equipment.
- The ability to communicate information and ideas in writing to a variety of audiences in a clear, concise, and organized manner, free from spelling, grammar, and punctuation errors.
- Ability to drive an automobile.