THE LIMESTONE COUNTY COMMISSION HAS AN OPENING FOR:

ENGINEERING ASSISTANT III
BRIDGE INSPECTOR

Alabama Career Center
1819 Bassett Avenue, SE
Decatur, AL
Phone: (256) 355-0142
Or
Limestone County Commission
310 W. Washington St.
Athens, AL
Phone: 256-233-6400

MONDAY THROUGH FRIDAY, 8:00 A.M. UNTIL 4:30 P.M.

SEE ATTACHED JOB DESCRIPTION FOR TYPICAL DUTIES AND RESPONSIBILITIES.

SALARY RANGE $20.72 to $33.98 PER HOUR
BASED ON EXPERIENCE AND SKILL

Must possess the following current certifications

- Bridge Inspection License
- Concrete Technician
- Roadway Technician

APPLICATION WILL BE ACCEPTED THROUGH THURSDAY

DECEMBER 8, 2016.

AN EQUAL OPPORTUNITY EMPLOYER (M/F/V/D)

Limestone County
JOB DESCRIPTION

Job Title: Engineering Assistant III (Bridge Inspector)

Department: Engineering

FLSA: Nonexempt Grade: X

Job Description Prepared: January 2013

Note: Statements included in this description are intended to reflect in general the duties and responsibilities of this job and are not to be interpreted as being all-inclusive. The employee may be assigned other duties that are not specifically included.

Relationships

Reports to: County Engineer

Subordinate Staff: None

Other Internal Contacts: District Commissioner; EMA; District Crews; Other Departments

External Contacts: General Public; Contractors; Supply Companies; Construction Companies; ALDOT; FEMA

Job Summary

Under the direction of the County Engineer, the employee performs general engineering duties, inspects roads, bridges and traffic control devices, and assists County Engineer in determining maintenance projects and priorities. Inspects work of contractors and maintains project records. Directs/participates in repair and maintenance projects undertaken by the County. Performs surveys and prepares material estimates. Compiles various reports and attends annual training and certification programs. May operate heavy equipment on project sites as required.

Job Domains

A. General Engineering

1. Assists the County Engineer and District Commissioners in determining maintenance and improvement projects and priorities.
2. Assists in investigating complaints, requests, and reports of hazards.
3. Inspects paving, striping, concrete and bridge construction projects awarded to contractors.
4. Maintains accurate records of personnel and equipment used, quantities of materials used, work accomplished and problems encountered on projects.
5. Performs maintenance inspection of bridges and roadways in accordance with ALDOT procedures; documents and prioritizes work.
6. Participates/directs bridge repair and maintenance projects undertaken by County work crews.
7. Performs vertical surveys; determines grade profiles, and cross-sections.
8. Measures roadways and other areas in order to prepare estimates of quantities for paving and other materials.
9. Inspects traffic control devices to ensure compliance with federal and state standards and regulations.
10. Maintains certification as a Concrete Technician.
11. Maintains certification as a Roadway Technician.

B. Manual Labor/Miscellaneous

1. Assists in bridge repairs and construction.
2. Ensures the proper signage is visible during bridge outages.
3. Performs flagman duties, as needed, while on road maintenance jobs.
4. Shovels asphalt, rocks, dirt and other materials during road repairs.

C. Administration

1. Generates daily activity report, documenting the progress of projects.
2. Documents bridge inspections in accordance with ALDOT procedures.
3. Completes necessary state and federal forms as part of project completion.
4. Performs other duties as assigned.

Knowledge, Skills and Abilities

(* Can be acquired on the job)

1. *Knowledge of County rules, regulations, policies and procedures.
2. *Knowledge of County road and bridge systems.
3. Knowledge of safety rules including accident causation and prevention.
4. Knowledge of traffic regulations.
5. Knowledge of civil engineering methods and practices related to road and bridge maintenance and construction.
6. Knowledge of traffic safety laws, manuals and traffic control systems.
7. Knowledge of practices applied in the use of a wide variety of heavy equipment for various maintenance and construction operations.
8. Reading skills to comprehend directives, procedures, technical writings and technical drawings.
9. Verbal skills to communicate effectively with supervisor and co-workers.
10. Writing skills to take field notes, write reports, correspondence and recommendations using correct English, grammar, punctuation, and spelling.
11. Math skills to perform basic calculations (add, subtract, multiply, divide).
12. Drafting skills to prepare sketches for resurfacing and widening roads.
13. Ability to perform technical research and offer reliable advice on engineering problems.
14. Ability to gain multiple certifications.
15. Ability to exercise independent judgment and initiative in planning and implementing work.
16. Ability to use measuring instruments for surveying projects.
17. Ability to estimate materials and labor for projects.
18. Ability to read and understand engineering drawings.
19. Ability to drive and safely operate equipment.
20. Ability to read maps.
21. Ability to work under extreme weather conditions.
22. Ability to move/lift objects greater than 50 lbs.
23. Ability to wear and utilize safety equipment, as required.

Minimum Qualifications

1. Possession of a high school diploma or GED.
2. Two-to-three years of experience as an Engineer Assistant II or equivalent.
3. Five to seven years of experience in road/bridge construction and maintenance.
4. Possession of a current and valid Alabama Class A CDL with a tanker endorsement.

5. Ability to become certified as a Roadway Technician by ALDOT within 6 months of employment.
6. Ability to become certified as a Concrete Technician within 6 months of employment.
7. Able to travel over-night to attend meetings and training programs.
8. Ability to work overtime, weekends or non-standard hours.

Work Environment

The work environment involves high risks with exposure to potentially dangerous situations or unusual environmental stress which require a range of safety and other precautions, e.g. working at great heights under extreme weather conditions, subject to physical attack or mob conditions, or similar situations where conditions cannot be controlled.

Physical Demands

The work requires considerable and strenuous physical exertion such as frequent climbing of tall ladders, lifting heavy objects over 50 lbs., crouching or crawling in restricted areas, and defending oneself or others from physical attack.