

**LEE COUNTY SECONDARY ROADS
HELP WANTED
ASSISTANT ENGINEER**

Lee County is taking applications for an Assistant Engineer to work out of our Fort Madison, Iowa office. Duties will include designing engineering plans and specifications for road and bridge construction and maintenance projects and overseeing the work of survey crews and construction projects. Wage based on experience.

Lee County provides equal opportunity in employment to all persons regardless of age, race, creed, color, sex, national origin, religion or disability.

To review the job description online and apply, download an application from our county website, www.leecounty.org or pick a copy of the job description and county application up at an Iowa Workforce Development office or the Engineer office, and return your completed application along with a resume to: Lee County Engineer, P.O. Box 158, Fort Madison, IA 52627, or email it to bhull@leecounty.org and copy it to shartson@leecounty.org Applications will be accepted until February 2, 2019.

If you have any questions please contact Lee County Engineer, Ben Hull, at (319) 372-2541 or email him at bhull@leecounty.org

**LEE COUNTY
CLASSIFICATION SPECIFICATION**

CLASS TITLE: ASSISTANT ENGINEER
CLASS CODE:

NATURE OF WORK:

Work involves preparing engineering plans and specifications for road-related construction or maintenance projects and serving as project engineer on construction projects. Work is performed according to IDOT standard specifications and plans, AASHTO design guide, professional engineering standards, County policies and union contract, and verbal/written instructions from the County Engineer. Work is reviewed for accuracy and thoroughness of engineering plans and specifications and construction inspection work.

ESSENTIAL FUNCTIONS:

Designs engineering plans and specifications for road and bridge construction and maintenance projects; oversees the work of survey crews.

Serves as project engineer for road and road-related construction and maintenance projects undertaken by contractors and county road maintenance personnel; directs and coordinates the activities of engineering technicians.

Inspects and supervises the inspection and testing on construction projects including material testing, construction procedures, project design, safety and traffic control, and construction staking; inspects bridges and culverts for weight limits and load restrictions; calculates and determines ROW needs for projects.

Communicates and negotiates with landowners on ROW purchases and temporary construction easements for construction and maintenance projects.

PHYSICAL DEMANDS AND WORKING CONDITIONS:

Work is performed indoors, and outdoors for extended periods of time under a wide variety of weather conditions. Work requires walking or climbing on uneven surfaces, standing for extended periods of time, lifting and moving concrete test beams up to 130 pounds. Work in the field exposes the employee to hot and humid or cold and windy weather, vehicle traffic around roadways, cranes swinging overhead loads, and sunshine for extended periods of time. Protective equipment such as hard-hat, gloves, ear plugs, safety glasses and steel-toed shoes are worn in the field.

APPLICANT PREREQUISITES:

Experience with the design and construction inspection of public roads; graduation from college with a degree in civil engineering, preferably supplemented by a professional engineer's license; or any equivalent combination of training and experience that provides the following knowledge, skills, and abilities.

Knowledge of the principles and practices of professional civil engineering and skill in their application to road construction and maintenance projects.

Ability to plan, direct, and evaluate the work of technical engineering personnel.

Ability to work outside in a variety of weather conditions and walk safely on rough terrain.

Ability to establish and maintain effective working relationships with supervisor, co-workers, and the public.

Ability to accurately inspect construction for conformance with engineering plans and specifications.

Ability to deal courteously and tactfully with contractors and the public.

Physical strength, agility, and dexterity required to perform field work.

Possession of a valid driver's license, proof of insurability, and safe driving record.

Become IDOT certified inspector and maintain certification.