



## JACKSON COUNTY JOB DESCRIPTION BRIDGE MAINTENANCE TECHNICIAN I

**DEPARTMENT:** ROAD AND BRIDGE

### **GENERAL DESCRIPTION:**

Under general supervision, performs skilled work in the repair and maintenance of wooden and concrete bridges. The employee must have the ability to operate heavy equipment, weed eaters, chain saws, blowers, hydraulic jacks, carpentry and concrete tools as they relate to the repair and maintenance of wooden and concrete bridges. The employee will also be responsible for performing routine preventative maintenance on assigned equipment. The employee is exposed to the potential hazards of working with heavy equipment. Reports to the Assistant Road Superintendent.

### **ESSENTIAL JOB FUNCTIONS**

1. Properly operates heavy and small equipment as it relates to the maintenance of roads and bridges.
2. Conducts daily routine preventative maintenance on assigned equipment and requests repairs as needed.
3. Keeps accurate records of daily work performed.
4. Performs other related work as assigned by supervisor.

(These essential job functions are not to be construed as a complete statement of all duties performed. Employees will be required to perform other job related duties as required.)

### **MINIMUM QUALIFICATIONS**

#### **Education and Experience:**

High school diploma or equivalent with one or more years of experience in the operation of heavy motorized equipment. One or more years in the use of small equipment such as weed eaters, blowers and chain saws. Two or more years of experience in the use of carpentry and concrete tools. Applicant must have a Florida class A CDL prior to being considered for the position.

#### **Knowledge, Abilities, and Skills:**

Knowledge of the operation of motorized heavy equipment used in the construction and repair of roads and bridges.

Knowledge of the occupational hazards and the proper safety precautions involved in operating heavy motorized equipment used in the construction and repair of roads and bridges.

Knowledge of the operation of motorized small equipment used in the construction and repair of roads and bridges.

Knowledge of the occupational hazards and the proper safety precautions involved in operating motorized small equipment used in the construction and repair of roads and bridges.

Ability to perform minor maintenance on heavy motorized equipment.

Ability to perform minor maintenance on small motorized equipment.

Ability to identify malfunctioning equipment.

Ability to communicate effectively in oral and written form.

Skill in the use and operation of a backhoe, mini excavator and combination truck/trailer.

**Knowledge, Abilities, and Skills: (continued: Bridge Maintenance Foreperson)**

Ability to establish and maintain effective working relationships as necessitated by work assignments.  
Ability to read and understand the county map and road system.  
Ability to read and understand bridge reports and plans for repair.  
Ability to measure, cut and replace damaged or worn bridge timbers.

**Physical Requirements:** Must be physically able to operate heavy equipment. Must be able to exert up to 50 pounds of force frequently, and/or up to 25 pounds of force constantly to move objects. Must be able to work outside and have the ability to withstand heat and cold. Extended periods of sitting maybe required. Physical demand requirements are consistent with those of light to medium work.

**Data Conception:** Requires the ability to compare and/or judge the readily observable functional, structural or composite characteristics (whether similar or divergent from obvious standards) of data, people or things.

**Interpersonal Communication:** Requires the ability to speak and/or signal people to convey or exchange information. Includes receiving instructions, assignments or directions for superiors.

**Language Ability:** Requires the ability to read.

**Intelligence:** Requires the ability to apply common sense understanding to carry out detailed but uninvolved written and oral instructions.

**Verbal Aptitude:** Requires the ability to record and deliver information, to explain procedures, to follow oral and written instructions. Must be able to communicate effectively and efficiently in standard English.

**Numerical Aptitude:** Requires the ability to perform mathematical calculations.

**Form/Spatial Aptitude:** Requires the ability to inspect items for proper length, width, and shape.

**Motor Coordination:** Requires the ability to coordinate hands and eyes rapidly and accurately in using heavy motorized equipment.

**Manual Dexterity:** Requires the ability to handle a variety of items such as heavy motorized equipment. Must have minimal levels of eye/hand/foot coordination.

**Color Discrimination:** Requires the ability to differentiate between colors and shades of color.

**Interpersonal Temperament:** Must be adaptable to perform under stress and when confronted with persons acting under stress.

**Physical Communication:** Requires the ability to talk and hear: (Talking: expressing or exchanging ideas by means of spoken words. Hearing: perceiving nature or sounds by ear.) Must be able to communicate via two-way radio.

(Reasonable accommodations will be made in accordance with existing ADA requirements for otherwise qualified individuals with a disability.)

*This job description is not intended to be and should not be construed as an all-inclusive list of all the responsibilities, skills, or working conditions associated with the position. While it is intended to accurately reflect the position activities and requirements, management reserves the right to modify, add, or remove duties and assign other duties as necessary. This job description does not constitute a written or implied contract of employment.*

**Revised 09-12-11**

**I have read and accept the terms and conditions of this job description.**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**