

# Logan County

## Job Description



<b>Title:</b> Bridge Maintenance Worker	<b>Code:</b>
<b>Division:</b> Operations	<b>Effective Date:</b> 6/07
<b>Department:</b> Road & Bridge	<b>Last Revised:</b>

### GENERAL PURPOSE

Performs a variety of **semi-skilled and skilled field maintenance duties** related to the installation, maintenance and repair of bridges; performs roadside upkeep and beautification.

### SUPERVISION RECEIVED

Works under the broad policy guidance and direction of the Bridge Crew Foreman.

### SUPERVISION EXERCISED

None.

### ESSENTIAL FUNCTIONS

- Performs a variety of semi-skilled and skilled manual labor in bridge maintenance, construction and repair.
- Assists in the placement of bridge timbers, decking, railing, and concrete forms.
- Assists in the installation and repair of bridge pilings; reinforces bridge pilings through the placement of reinforcement material.
- Erects fences on right-of-ways including the setting and driving of posts and stretching wire.
- Installs culverts and drain pipes under roadways using both hand excavation and mechanical equipment.
  
- Cleans ditches, river beds and road sides of trash and debris
- Removes and / or restores unusable bridges.
- Removes material for salvage.
  
- Assists in the patching of roadways with asphalt including the preparation of damaged area, shoveling asphalt, leveling, raking and tamping of asphalt.
- Assists with other road construction or maintenance duties as required.
  
- May operate, or work as a crew member, on construction equipment including operating road sweepers to remove gravel from roadway, sealers, and distributors to place hot oil onto roadways in road repair and a variety of other equipment such as rollers, snow plows, light to medium trucks, air hammers and jack hammers with compressor, backhoes, mowers, excavator, loaders, motor graders.
  
- Services, maintains and makes minor mechanical adjustments on equipment such as checking and servicing fuel, oil and coolant levels, lubrication and replacing air, oil and other filters as required.
  
- Installs, erects and / or replaces signs along roads as required.

Performs related duties as assigned and required.

### MINIMUM QUALIFICATIONS

1. Educations and Experience:
  - A. High school diploma or GED;
  - AND
  - B. Sufficient experience to demonstrate an ability to perform above and related duties;
  - OR
  - C. An equivalent combination of education and experience.

2. Required Knowledge, Skills and Abilities:

**Some knowledge of** bridge construction and maintenance techniques and methods and materials used in bridge construction, repair and maintenance, asphalt patching, fence repair, tree removal, paint striping, ditch cleaning, and concrete forming; hazards common to heavy equipment operation; equipment maintenance and repair; engineering/architectural design development procedures, cost analysis and scheduling practices.

**Skill in** the use of Pickup trucks, heavy construction equipment such as excavators, loaders, motor graders, rollers, dump trucks, paint striper, dozer, and backhoes; power and hand tools.

**Ability to** perform strenuous physical labor for extended periods of time under a variety of weather conditions; develop and comply with safety procedures in working on construction sites and working with tools and equipment used in various work assignments; understand oral and written instructions; communicate clearly and concisely both orally and in writing develop; and maintain effective working relationships with superiors and co-workers.

3. Special Qualifications:

**Must possess a valid Colorado Class "A" driver's license.**

4. Work Environment:

Tasks require variety of physical activities, generally involving some muscular strain, such as walking, standing, stooping, sitting and reaching. Frequent Lifting up to 75 lbs. Frequent exposure to weather conditions, dust, fumes, etc. Communicating, hearing and seeing including color vision required for completion of essential functions. Common eye, hand, finger, leg and foot dexterity required in the performance of essential functions. Mental application utilizes memory for details, verbal instructions, emotional stability, discriminating thinking and some creative problem solving. Frequent travel in automobile or equipment required in job performance. The incumbent may be exposed to noise, fumes, odors, dust, grease, and mechanical and electrical hazards. Incumbent may also be required to work at heights.

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**Disclaimer:** The above statements describe the general nature, level, and type of work performed by the incumbent(s) assigned to this classification. They are not intended to be an exhaustive list of all responsibilities, demands, and skills required of personnel so classified. Job descriptions are not intended to and do not imply or create any employment, compensation, or contract rights to any person or persons. Management reserves the right to add, delete, or modify any and/or all provisions of this description at any time as needed without notice. This job description supersedes earlier versions.

I \_\_\_\_\_ have reviewed the above job description. Date: \_\_\_\_\_  
(Employee)