

Owyhee County

Class Specification

Road and Bridge Operator

Pay Grade: 6

FLSA Designation: Non-Exempt/Covered

Effective Date: 10/01

Revised: 05/15/07

Class Primary Summary

The primary function of an employee in this class is to perform skilled maintenance and construction work on County roads, bridges, and rights-of-ways to ensure the safety of the general public. The Road and Bridge Operator primarily operates heavy equipment. The work is performed under the direct supervision of the Road and Bridge Supervisor with some latitude for the exercise of independent judgment and initiative. The principal duties of this class are performed in an outdoor environment and may include working in adverse weather conditions and hazards involving the use of heavy equipment and power tools.

Essential Duties and Responsibilities (Illustrative Only)

- Performs scheduled and assigned maintenance, repair, and service work on County roads, bridges, rights-of-ways, medians, and structures;
- Operates and maintains a variety of vehicles and heavy equipment, including but not limited to, grader, bulldozer, front end loader and attachments, crane, backhoe, dura patcher, roller, dump truck, weed mower, snow removal vehicles, pug mill, and related equipment;
- Operates a variety of hand tools and power tools, including but not limited to, sledges, hammers, picks, air compressors, welders, chainsaws, groundskeeping equipment, air hammers, jacks, and related equipment;
- Operates two-way radio communication equipment to maintain contact in the field;
- Erects, maintains, and repairs fences, guard rails, retaining walls, and traffic signs;
- Manually digs trenches, secures, lowers and installs pipes and places precasts or builds inlet boxes and replaces and compacts bedding and overlay material;
- Builds and sets forms and pours and finishes cement for concrete structures such as curbs, gutters and storm water inlets;
- Removes debris and other safety hazards from roads, culverts, storm drains, and adjacent public areas;
- Cleans and clears storm water inlets, drains, bridges, creeks and drainage;
- Places erosion and sediment control devices;
- Places work zone traffic control devices and performs flagging duties;
- Performs routine and preventive maintenance on vehicles and equipment and maintains service and maintenance records;
- Assists in training new employees;
- Keeps immediate supervisor and designated others fully and accurately informed concerning work progress, including present and potential work problems and suggestions for new or improved ways of addressing such problems;

- Attends meetings, conferences, workshops and training sessions and reviews publications and audio-visual materials to become and remain current on the principles, practices and new developments in assigned work areas;
- Responds to citizens' questions and comments in a courteous and timely manner;
- Communicates and coordinates regularly with appropriate others to maximize the effectiveness and efficiency of interdepartmental operations and activities;
- Performs all work duties and activities in accordance with County policies, procedures, and safety practices.

Other Duties and Responsibilities

- Assists the first response team with heavy equipment for Hazardous Material spills in the County;
- On call to respond to emergency situations;
- Fuels, lubricates, performs preventative maintenance and inspects equipment for use in maintenance facilities and projects;
- Cleans and restores construction areas, job sites and other project areas;
- Cleans, maintains and repairs tools, equipment and facilities;
- Performs other related duties as required.

Competency Requirements

Knowledge of:

- Methods, materials, procedures, and standard practices of road, bridge, and right-of-way maintenance, vegetation control and removal, and related duties;
- Methods, materials, procedures, and standard practices of road, bridge, and right-of-way construction and repair, including concrete and asphalt repair, removal, and replacement;
- Methods, materials, procedures, and standard practices of snow removal, sanding, and de-icing;
- Heavy and construction equipment operation and maintenance;
- Equipment and tool operation and maintenance practices;
- Welding and metal fabrication;
- Federal (OSHA) regulations and County policies regarding safe work practices relating to use of heavy equipment, power tools, and trench and confined workplace safety.

Ability to:

- Follow written and oral instructions;
- Operate heavy and power equipment, including but not limited to, groundskeeping equipment, dump trucks, graders, loaders, dump trucks, rollers, snow plowing and sanding, and related equipment as required;
- Perform concrete and asphalt repair and replacement;
- Operate hand tools;
- Operate a motor vehicle, including heavy equipment;
- Operate two-way radio communication equipment;
- Change grader tires, mount and dismount truck tires, and lift and/or move up to 150 pounds, with assistance, to change grader blades;
- Read and comprehend road, bridge, and construction blueprints and diagrams;
- Communicate effectively with the public and other employees, occasionally in stressful

conditions;

- Establish and maintain effective working relationships with fellow employees, supervisors, County administrators, and the public.
- Perform a wide variety of duties and responsibilities with accuracy and speed under the pressure of time-sensitive deadlines;
- Demonstrate integrity, ingenuity and inventiveness in the performance of assigned tasks.

Acceptable Experience and Training

- High school diploma or GED equivalency is preferred; and
- Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the work.

Special Qualifications

- Idaho Class A CDL drivers license is required;
- Drivers license endorsements may be required for specific equipment operation;
- Flagger/traffic control certification is preferred.

Essential Physical Abilities

- Sufficient clarity of speech and hearing or other communication capabilities, with or without reasonable accommodation, which permits the employee to discern verbal instructions and alarm and warning systems, including backup alarms, communicate effectively with other employees and the public, and prepare accurate and comprehensive reports;
- Sufficient visual acuity, with or without reasonable accommodation, which permits the employee to operate a vehicle and heavy equipment, comprehend written work instructions and work orders, and engineering blueprints and diagrams;
- Sufficient manual dexterity, with or without reasonable accommodation, which permits the employee to operate motor vehicles, including heavy equipment, and operate a variety of power and hand tools and to make adjustments to equipment;
- Sufficient strength to lift and carry objects up to 75 pounds and occasionally lift and/or move objects up to 150 pounds with assistance;
- Sufficient personal mobility, flexibility, stamina, agility, strength, and physical reflexes, with or without reasonable accommodation, to perform maintenance and repair operations that require bending, stooping, kneeling, stretching, and other physical exertions in an outdoor environment, including extremes of heat and cold.