

## BRIDGE CONSTRUCTION WORKER

DISTINGUISHING FEATURES OF THE CLASS: This work involves responsibility for the fabrication, installation and repair of concrete structures and structural members used in and on bridges, culverts and similar structures. Employees of this class are required to perform work in various fields such as welding, carpentry, painting and sandblasting, masonry and general maintenance as the occasion demands. The employee works under general supervision allowing for the exercise of independent judgement in carrying out the details of the work. Direct supervision may be exercised over the work of subordinate employees. A Bridge Construction Worker does related work as required.

### TYPICAL WORK ACTIVITIES:

- Builds forms used in bridge and other construction for pouring concrete;
- Mixes and pours cement and mortar using hoe or concrete mixing machine;
- Levels, smooths and finishes surfaces of poured concrete using hand tools or power tools, including floats, trowels and screeds;
- Molds expansion joints and edges, using edging tools, jointers and straight edge;
- Repairs and builds catch basins and sluices;
- Lays out worksites with survey instruments following blueprints;
- Participates in soil excavation using hand tools or motorized equipment;
- Operates motorized trucks, vehicles and equipment necessary for the performance of duties;
- Performs minor maintenance on equipment;
- Sandblasts and paints steel beams, refuse boxes, sanders, dump bodies, etc.;
- Seals concrete and wooden bridges in a manner and method as prescribed;
- Loads and unloads materials and supplies and records goods received;
- May braze, flame-cut and weld to fabricate or repair equipment;
- May maintain records and reports of services performed and materials received and used;
- May supervise the work of laborers or other subordinates;
- May be reassigned to a facility during the winter months to operate a snowplow clearing and sanding roads.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS: Working knowledge of the common principals, practices, tools, terminology and safety precautions associated with bridge construction projects and material handling; skill in the use of hand and power tools used in masonry and carpentry work; skill in the operation of a motor vehicle; ability to read plans and specifications; ability to communicate, understand and execute oral and written directions; ability to lay-out work for oneself and others; ability to work in a safe and efficient manner; mechanical aptitude, dependability, willingness to work in inclement weather; physical condition sufficient to perform the essential functions of the position.

MINIMUM QUALIFICATIONS: Two years experience involving the construction of bridges, roads, sewers, general carpentry, masonry or related field.

SPECIAL REQUIREMENT: Possession, at the time of appointment, of a valid New York State Class B Commercial Driver's license, with endorsements appropriate for the type of vehicle operated.

CATTARAUGUS COUNTY CIVIL SERVICE COMMISSION

Revised: 11/16/00