

BRIDGE CONSTRUCTION SUPERVISOR

DISTINGUISHING FEATURES OF THE CLASS: The work involves the construction of new highway bridges and the maintenance of existing structures. Duties are performed under the general supervision of the Department of Public Works Operations Manager. Supervision is exercised over the work of subordinate employees involved in bridge construction activities. A Bridge Construction Supervisor does related work as required.

TYPICAL WORK ACTIVITIES:

- Reviews and interprets plans and blueprints for new bridge construction;
- Inspects bridges to determine what repairs are needed;
- Determines the type and amount of supplies needed for each project;
- Requisitions supplies and schedules their delivery to work sites;
- Lays out and supervises the work of crew members;
- Directs placement and driving of steel sheet and piling for bridge headwalls, abutment, and wings;
- Examines completed structure for adherence to plans and quality of welds;
- Explains bridgework plans to property owners;
- Verifies crew member time records;
- Maintains a record of materials used on each project;
- Drives a truck transporting personnel and equipment.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS: Thorough knowledge of tools, terminology, and practices of bridge construction and maintenance; thorough knowledge of the safety precautions associated with bridge construction and maintenance; good knowledge of tools, terminology, and techniques of welding; ability to schedule and supervise the work of others; ability to interpret and follow written plans and specifications; ability to maintain records of materials used and employee time slips; ability to follow oral and written instructions; manual dexterity; mechanical aptitude; willingness to work outdoors all year round; physical condition equal to the demands of the position.

MINIMUM QUALIFICATIONS: High school graduation or possession of a high school equivalency diploma and four years of bridge maintenance or construction experience including extensive experience in the fabrication of bridge structural steel using electric arc or acetylene welding equipment.

SPECIAL REQUIREMENT: Possession of an appropriate New York State driver's license at time of appointment.

CATTARAUGUS COUNTY CIVIL SERVICE COMMISSION