

Jurisdictional Class: Competitive
Adopted: February 11, 1993
Revised: April 26, 2010

BRIDGE REPAIR SUPERVISOR

DISTINGUISHING FEATURES OF THE CLASS: This is important supervisory work involving responsibility for the efficient performance of assigned duties of a skilled nature in a number of trades, including carpentry, welding, masonry, iron working, steel fabricating, and painting, in the repair and maintenance of bridges and culverts. The work is carried out in accordance with established policies and procedures outlined for the different types of work with some leeway permitted in carrying out details of the work. Work is performed under the general supervision of the County Highway Superintendent and checked through inspection. Supervision is exercised over the work of others by a continuing check of the work in progress. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

Assigns and supervises the activities of work crews in the use of materials and equipment in the construction, repair, and maintenance of County bridges;

Determines appropriate repair procedures for all types of deficient bridges;

Supervises snow removal and ice control work on an assigned portion of County roads and bridges;

Supervises crews in maintenance operations on highways;

Assists in planning of construction and maintenance schedules and work loads;

Keeps time records and progress reports for crew operations;

Oversees the use of acetylene and electric cutting and welding equipment to fabricate, erect, and repair steel structures;

Oversees the erections of scaffolds, rings, slings, and boatswain chains and oversees the operation of under-bridge inspection equipment for the inspection, repair, and maintenance of bridge structures;

Oversees the operation a variety of self-propelled equipment including cranes, dump trucks, bulldozers, loaders, patching machines, etc., used in construction and repair of bridges and other structures;

May operate vehicle and construction equipment.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:

Good knowledge of Highway Maintenance Operational Guidelines as they apply to bridge repair and maintenance operations;

Good knowledge of Highway Safety Manual as it applies to bridge repair and maintenance operations;

Good knowledge of modern road and bridge construction and maintenance methods and procedures;

Good knowledge of the equipment, material, tools, terminology, and safety precautions used in road and bridge construction and maintenance and in snow removal and ice control;

Good knowledge of the specific properties of metals, concrete, and paving materials used on bridges;

Good knowledge of mathematical formulae that relate to bridge construction, repair and maintenance;

Good knowledge of inspection techniques used to detect defects and deterioration in bridges;

Ability to read and understand sketches, blueprints, and related road and bridge construction and maintenance plans;

Ability to organize and supervise the work of others;

Ability to understand and carry out complex oral and written directions;

Ability to prepare reports and records;

Sound judgment.

Bridge Repair Supervisor

MINIMUM QUALIFICATIONS: Six (6) years experience in bridge construction, reconstruction, rehabilitation, or maintenance; two (2) years of which must have been at the supervisory journey level.

NOTE: Apprentice training in a bridge or mechanical trade or training gained by completion of a technical course in a bridge or technical trade may be substituted for the above experience on a year-for-year basis.

SPECIAL REQUIREMENT FOR ACCEPTANCE OF APPLICATIONS: Eligibility for an appropriate level New York State Driver's License at time of application and possession of license at time of appointment.