

BRIDGE FABRICATION SPECIALIST

DISTINGUISHING FEATURES OF THE CLASS: This is a working supervisory position involving responsibility for supervising and participating in tasks related to the fabrication of County highway bridges. The employee is under the general supervision of the Bridge Supervisor with work assigned and reviewed periodically and upon completion. Most of the detailed decisions regarding the methods and materials to be used are left to the Bridge Fabrication Specialist. Immediate supervision is exercised over employees assigned to the fabrication facility. The incumbent also supervises and participates in the work of a small crew engaged in bridge fabrication, maintenance, and repair, personally performing those tasks requiring special skills or experience. Does related work as required.

TYPICAL WORK ACTIVITIES: The typical work activities listed below, while providing representative examples of the variety of work assignments in the title do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.

Supervises and performs tasks related to the fabrication, maintenance, and repair of County highway bridges;

Prioritizes and delegates daily fabrication shop activities;

Oversees restoration, fabrication and repair of construction vehicles and equipment;

Trains new crew workers;

Leads and participates in ice and snow removal and salting of roads;

Maintains inventory control of tools and materials at the fabrication facility;

Requisitions materials and supplies for the fabrication facility;

Calculates or estimates the amount of material to be used;

Reads and interprets engineering drawings to assist in bridge beam fabrication;

Ensures that the crew follows all applicable safety regulations;

May operate construction equipment;

May supervise and participate in other fabrication activities.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Thorough knowledge of bridge fabrication safety precautions and

procedures; thorough knowledge of bridge fabrication, repair and maintenance tools, equipment, materials and techniques; good knowledge of inventory record keeping and proper control; working knowledge of the safety procedures and precautions involved in the operation of small and large construction equipment; working knowledge of requisition procedures; ability to supervise the work of others; ability to understand and carry out oral and written instructions; ability to read and interpret rough sketches and plans; ability to take measurements and perform routine calculations; dependability; physical condition commensurate to the demands of the position.

MINIMUM QUALIFICATIONS: Either:

- A. Four (4) years of experience in the fabrication of equipment or fixtures constructed with structural steel utilizing welding equipment, two (2) years of which must have been in a supervisory capacity; **OR**
- B. Three (3) years of experience in the fabrication, maintenance, and repair of bridges, two (2) years of which must have been in a supervisory capacity; **OR**
- C. An equivalent combination of training and experience as indicated in A and B above.

Special Requirement: At time of appointment, must possess a valid New York State Driver's License appropriate for the equipment being operated.

Special Requirement for Positions in Ulster County Department of Public Works:

Candidates for employment in this position must possess a valid New York State Motor Vehicle Class B Commercial Driver's License (CDL), with required endorsements, if any, at time of appointment.

New York State Class B CDL Driver License Vehicle Description: Gross Vehicle Weight Rating (GVWR) of more than 26,000 lbs. Class B may tow vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,000 lbs. or less, or may tow a vehicle of more than 10,000 lbs. providing the Gross Combination Weight Rating (GCWR) is not more than 26,000 lbs.

ULSTER COUNTY

Adopted: December 27, 2023

0755 BRG FAB SP

Classification: Competitive

0756 BRFBSP HLP

Classification: Non-Competitive

Grade: 8 (DPW)

Union: CSEA