

You are reading the State of New Jersey Job Descriptions. This is **not** a Job Vacancy Announcement.

## Job Specification

### BRIDGE OPERATOR TRAINEE

#### DEFINITION

Under the close supervision of a supervisor in the Department of Transportation, or in a local government jurisdiction, learns to operate one or more drawbridges; does other related duties.

**NOTE:** The examples of work for this title are for illustrative purposes only. A particular position using this title may not perform all duties listed in this job specification. Conversely all duties performed on the job may not be listed.

#### EXAMPLES OF WORK:

As a Trainee and productive worker:

Learns to operate semiautomatic and/or manual equipment to open and seat the movable span of a drawbridge allowing for the safe and efficient flow of marine traffic through the draw in accordance with prescribed governmental regulations; remains vigilant for approaching marine traffic under the guidance of an experienced bridge operator.

Learns to operate semiautomatic and/or manual equipment to activate warning lights; traffic gates, horns, barrier gates, and other safety devices to safely control highway and pedestrian traffic prior to, during and after the opening of the span under the leadership of an experienced bridge operator.

Learns to manually open bridge if controls fail to work.

Learns to climb the bridge structure, and crawl through small spaces to inspect structure or perform maintenance or minor repair functions.

Learns to perform test lifts to maintain operational readiness and ensure operational efficiency during bridge rehabilitation and repair under the leadership of an experienced bridge operator.

Learns to perform inspections and limited preventive maintenance of machinery and equipment under the leadership of an experienced bridge operator.

Learns to make required contacts or other communications to ensure the timely report and resolution of a significant events that impact the safe and efficient flow of marine and vehicular traffic. Completes or assists in the completion and on-time submission of related reports.

Learns to maintain bridge houses, bridge walkways, sidewalks and all work areas in a safe, clean condition at all times including but not limited to sweeping, washing and waxing floors, cleaning

windows, snow removal and removal of debris from pedestrian sidewalk, storage and disposal of garbage in a safe and proper manner.

Learns to respond to emergency situations including snow removal and ice control and is available day or night as required.

Learns to record bridge opening data on bridge opening reports, hourly bridge opening surveys, vessel height surveys, and related data on department forms under the leadership of an experienced bridge operator.

Learns to operate drawbridge in accordance with New Jersey Department of Transportation policies and procedures, operations bulletins and United States Coast Guard regulations.

Maintains accurate and factual records and prepares miscellaneous reports under the leadership of an experienced bridge operator.

Will be required to learn to utilize various types of electronic and/or manual recording and information systems used by the agency, office or related units.

**REQUIREMENTS:**

**LICENSE:**

Appointees will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform essential duties of the position.

**KNOWLEDGES AND ABILITIES**

Ability to learn to inspect and perform limited, routine maintenance work and oversee the maintenance of machinery and equipment on the bridge structure after.

Ability to learn to operate electronically controlled motors, diesel generators, manually activated diesel engines and their basic electrical/mechanical operating requirements.

Ability to work at heights, climb ladders, stairs and structural members over water, for routine inspection and re-lamping of navigation lights and features.

Ability to learn to manually open bridge when controls fail to work.

Ability to climb through bridge structures and enclosed spaces over bodies of water.

Ability to learn to seat the bridge span without damage to the bridge structure by using of eye-hand coordination to operate semi-automatic and/or manual controls.

Ability to respond to emergency situations including snow removal and ice control.

Ability to understand and follow United States Coast Guard regulations governing the navigable waters of the United States as they apply to the operation of drawbridges.

Ability to understand and carry out department rules and regulations governing the operation of State drawbridges.

Ability to recall sequential directions under stress and give or carry out precise instructions during emergency situations.

Ability to identify and accurately report equipment failure or operating problems to appropriate personnel.

Ability to learn to utilize various types of electronic and manual recording and information systems used by the agency, office, or related units.

Ability to read, write, speak, understand, or communicate in English sufficient to perform the duties of the position. American Sign Language or Braille may also be considered as acceptable forms of communication.

Persons with mental or physical disabilities are eligible as long as they can perform the essential functions of the job after reasonable accommodation is made to their known disability. If the accommodation cannot be made because it would cause the employer undue hardship, such persons may not be eligible.

### **ADVANCEMENT**

Upon successful completion of the (6) six-month training period, appointees will be eligible for advancement to the Bridge Operator title, in accordance with Department of Personnel procedures. The inability of an employee in this title to attain a level of performance warranting advancement to the title listed above shall be considered as cause for separation.

**This job specification is applicable to the following title code:**

<b>Job Spec Code</b>	<b>Variant</b>	<b>State, Local or Common</b>	<b>Class of Service</b>	<b>Work Week</b>	<b>State Class Code</b>	<b>Local Class Code</b>	<b>Salary Range</b>	<b>Note</b>
40349		C	N	40	09	00	O10	-

This job specification is for **state** and **local** government use. Salary range is only applicable to state government. Local salaries are established by individual local jurisdictions.

11/15/2014

---