

# TOMPKINS COUNTY CIVIL SERVICE VACANCY

Inclusion Through Diversity



## OPEN TO THE PUBLIC

Tompkins County Department of Human Resources Office  
125 E. Court Street  
Ithaca, NY 14850  
(607) 274-5526

**Tompkins County is an Equal Opportunity/Affirmative Action employer. Minorities and women are encouraged to apply**

---

**TITLE:** Bridge Mechanic (County Public Works only)

**SALARY:** \$22.94/hour hire rate

**LOCATION:** Highway

**TYPE OF EMPLOYMENT:** Full

**ISSUE DATE:** 08/09/19

**THE FINAL DATE TO FILE APPLICATIONS:** 09/09/19

**DATE THAT THIS ANNOUNCEMENT SHOULD BE REMOVED FROM POSTING:** 09/10/19

**RESIDENCY:** Candidates must have been legal residents of Tompkins County or one of the six adjoining counties (Cayuga, Chemung, Cortland, Schuyler, Seneca, Tioga) for at least one month immediately preceding the date of application and maintain residency. For Examinations: The eligible list resulting from the examination will be established in accordance with the final earned numerical ratings of passing candidates regardless of residence. A municipality or district may exercise its right under section 23-4-a. of Civil Service Law to request a certification of eligible candidates who have been residents of that municipality or district for at least one month prior to appointment. After the names of residents have been exhausted, Tompkins County must then certify the names of non-residents on the list.

\$24.94/hour work rate

### **MINIMUM QUALIFICATIONS:**

Graduate from high school and four years of experience constructing, repairing, and/or maintaining highway structures and/or buildings.

### **SPECIAL REQUIREMENT:**

The candidate must possess a valid New York State commercial drivers license class A or B with the appropriate required endorsements at the time of application and maintain such license for the duration of employment.

### **DISTINGUISHING FEATURES OF THE CLASS:**

An employee in this class is responsible for performing a variety of skilled and semi-skilled tasks with a minimum of supervision in a number of complex trades such as carpentry, masonry, iron working and painting. An Employee in this class will also be involved with supervision of other employees on a continuous basis. The incumbent must also be able to read and use schematic drawings, blue prints, and mathematical formulae for the construction, repair and maintenance of bridges, culverts, roadways, and other highway structures. The position requires the operation of heavy equipment such as front end loaders, boom trucks, backhoes and trucks but is distinguished from a motor and/or heavy equipment operator by the additional duties of performing all necessary bridge maintenance and construction tasks the vast majority of his time. The employee will also be required to analyze any problems that arise in the field and provide to the engineer/supervisor potential solutions to the problem. Incumbent will be

required to interface with engineers and project managers through all phases of projects providing suggestions for repair and maintenance alternatives, design input, and advice on constructability. The incumbent will perform all related duties as required.

#### **TYPICAL WORK ACTIVITIES:**

- Provide suggestions and input for development of a bridge maintenance program;
- Provide advice and suggestions for project level design and constructability issues;
- Layout and construction forms for footing, foundations, walls and abutments;
- Read and understand schematic drawings, blueprints, and specifications and implement changes related to construction, repair and maintenance of bridges, culverts, roadways and other highway structures;
- Use basic knowledge of mathematical formulae for the construction, repair and maintenance of bridges, culverts, roadways and other highway structures;
- Operate a builder's level to set and transfer grades;
- Fabricate and install decking, stringers, braces, hand rails and other structural steel components;
- Operate heavy equipment such as front end loaders, backhoes, boom truck and trucks;
- Operate and maintain pumps, electrical breakers, electric drills, compressors, saws, mechanical wrenches and hoists and other tools that the jobs require;
- Erect scaffolds, rigs, slings and boatswain chairs, and operate equipment for the inspection, repair and maintenance of bridge super and substructures;
- Operate and maintain sand blasting equipment to remove deteriorated paint, scale, rust and other undesirable material from steel and concrete bridge surface;
- Supervise small groups of workers;
- Submit written daily report listing resources used and an explanation of events.

#### **KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

- Working knowledge of methods, materials, tools and equipment used in the assigned trades as they apply to repair and maintenance operations of bridges, culverts and highway structures;
- Ability to read and understand schematic drawings, blueprints and specifications concerning construction, repair and maintenance of bridges, culverts, roadways and other highway structures;
- Ability to work with and explain information to others, including subordinates, residents, suppliers and vendors;
- Ability to work in an air supplied helmet.
- The employee's physical condition shall be commensurate with the demands of the position.

#### **UNUSUAL WORKING CONDITIONS:**

The employee is often required to work high above the ground and water on bridge maintenance and inspection equipment (i.e. scaffolds, ladders and boatswain chairs with rigging and slings). A Bridge Mechanic works in all kinds of weather conditions and in the midst of highway traffic.

The incumbent will be the primary team leader of a small bridge crew that will be responsible for the maintenance of 107 bridges. This crew will have a heavy work-load due to the limited size of the crew.

Originally created 05/91

B11.doc

## FURTHER INFORMATION AND INSTRUCTIONS

Falsification of any part of the "Application for Employment" will result in disqualification.

Accepted candidates will be notified when and where to appear for the examination. If you do not receive your notice to appear at least three days before the date of the written examination, call Tompkins County Department of Human Resources at 274-5526. If an application is disapproved, due notice will be sent. This department does not make formal acknowledgment of the receipt of an application or take responsibility for non-delivery or postal delay.

Applicants must answer every question on the application form and make sure that the application is complete in all respects. Incomplete applications will be disapproved.

**ACTIVE MILITARY PERSONNEL, VETERANS OR DISABLED VETERANS** desiring to claim additional credit will request the Veterans Credits application form, at any time between the date of application for examination(s) and the date of the establishment of the resulting eligible list. You must meet the requirements set by NYS for these credits and they may be used only once. **YOU MAY NOT CLAIM ADDITIONAL CREDITS AFTER THE ELIGIBLE LIST HAS BEEN ESTABLISHED. IT IS THE CANDIDATE'S RESPONSIBILITY TO REQUEST THE VETERANS CREDIT APPLICATION FORMS AND TO SUBMIT THESE FORMS AND ANY SUPPORTING PAPERWORK BEFORE THE ELIGIBLE LIST IS ESTABLISHED.**

Tompkins County's written examinations are prepared and rated by the New York State Department of Civil Service in accordance with Section 23-2 of Civil Service Law. The provisions of the New York State Civil Service Rules and Regulations, which deal with the rating and review of the examinations apply.

The duration of the eligible lists may be fixed for a minimum of one and a maximum of four years and may be extended beyond four years if there has been a restriction against the filling of vacancies in that title.

The candidates must complete a separate "Application for Employment" for each open-competitive and/or promotional examination that the candidate is eligible to take.

All experience required meeting the acceptable training and experience is full-time experience. (Part-time experience will be credited on a prorated basis).

Appointment from an eligible list must be made from the top three candidates willing to accept the appointment.

Tompkins County is an Equal Opportunity Employer. As part of its efforts to provide employment opportunities to the physically handicapped, Tompkins County Civil Service has adopted a rule permitting the employment of qualified physically handicapped persons without competitive examination (pursuant to Section 55 of Civil Service Law). If you meet the minimum qualifications for this position and wish to know more about this rule, please contact the Tompkins County Department of Human Resources Office.

Unless otherwise notified, candidates are permitted to use quiet, hand-held, and solar or battery powered calculators. Devices with Typewriter Keyboards, Spell Checkers, Personal Digital Assistants, Address Books, Language Translators, Dictionaries or any similar devices are prohibited. You may not bring books or other reference materials.

**CROSS-FILED - APPLYING FOR CIVIL SERVICE EXAMINATIONS IN MULTIPLE JURISDICTIONS WHEN EXAMINATIONS ARE SCHEDULED ON THE SAME DATE:** When applying for examinations across multiple jurisdictions - all of which are scheduled on the same day - you must submit a Tompkins County Cross-Filing Form. This form must be submitted no later than 4:30 PM on the final filing date of the examination. On this form, list each examination that you are taking and then tell us where you would like to sit. The purpose is to ensure that all of the test materials for the various examinations that you are taking will be available in one location. If you do not provide the cross-filing form to us by the final filing date, we cannot ensure that we can accommodate your desire to cross-file. If any of the examinations are State level examinations, you must sit at the State test center. You will still need to complete the Tompkins County cross-filing form. If sitting at the State site, the State will notify you of when and where to report for your examination(s) and you should bring all admittance letters to the State site. If you are not taking a State examination, bring all admittance letters to your chosen testing site. If you have any question please call Tompkins County Department of Human Resources Department (607) 274-5526. The Cross File form is located at <http://www.tompkins-co.org/personnel/CivilSrvForms/index.html>

**FOR RELIGIOUS ACCOMMODATION AND HANDICAPPED PERSONS:** If special arrangements for testing are required, please indicate this on your application.

**ALL CANDIDATES FOR EMPLOYMENT FOR POSITIONS IN SCHOOL DISTRICTS AND BOCES GOVERNED BY TOMPKINS COUNTY CIVIL SERVICE MAY HAVE THE FOLLOWING SPECIAL REQUIREMENT. PER CHAPTER 180 OF THE LAWS OF 2000, AND BY REGULATIONS OF THE COMMISSIONER OF EDUCATION, TO BE EMPLOYED IN A POSITION DESIGNATED BY A SCHOOL DISTRICT OR BOCES AS INVOLVING DIRECT CONTACT WITH STUDENTS, A CLEARANCE FOR EMPLOYMENT FROM THE STATE EDUCATION DEPARTMENT IS REQUIRED.**

In conformance with Section 85-a of the Civil Service Law, children of firefighters and police officers killed in the line of duties shall be entitled to receive an additional ten points in a competitive examination for original appointment in the same municipality in which his or her parent has served. If you are qualified to participate in this examination and are a child of firefighter or police officer killed in the line of duties in this municipality, please inform this office of this matter when you submit your application for examination. A candidate claiming such credit has a minimum of two months from the application deadline to provide the necessary documentation to verify additional credit eligibility. However, no credit may be added after the eligible list has been established.

**BACKGROUND INVESTIGATION:** Applicants may be required to undergo a State and national criminal history background investigation, which will include a fingerprint check, to determine suitability for appointment. Failure to meet the standards for the background investigation may result in disqualification.

TOMPKINS COUNTY PERSONNEL DEPARTMENT, 125 EAST COURT STREET, ITHACA, NY 14850