



ERIE COUNTY CIVIL SERVICE OPPORTUNITIES OPEN TO THE PUBLIC

ERIE COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER
Please refer to our internet address at: www.erie.gov

A NON-REFUNDABLE \$20.00 PROCESSING FEE
OR APPLICATION FEE WAIVER AND CERTIFICATION FORM MUST ACCOMPANY EACH APPLICATION
(CHECK OR MONEY ORDER ONLY – PAYABLE TO: ERIE COUNTY DEPARTMENT OF PERSONNEL)

See page 2 of this announcement for fee waiver information

JUNIOR ENGINEER

NO. 62-422

SALARIES VARY

There is one vacancy in the Town of Amherst. The annual salary is \$46,472. The eligible list resulting from this examination will be used to fill this vacancy and other appropriate vacancies which may occur in municipalities or districts under the jurisdiction of Erie County Civil Service while this list is active.

RESIDENCE REQUIREMENTS: CANDIDATES MUST HAVE BEEN LEGAL RESIDENTS OF ERIE COUNTY FOR AT LEAST ONE MONTH IMMEDIATELY PRECEDING THE DATE OF THE WRITTEN TEST AND MUST BE LEGAL RESIDENTS OF ERIE COUNTY AT THE TIME OF APPOINTMENT. Preference in certification may be granted to candidates who have been a resident of the jurisdiction in which the appointment is to be made for one month preceding the date of the eligible list certification and who are residents of the jurisdiction at the time of appointment. Non-residents may be required to become a resident of the appointing municipality if local law so states.

MINIMUM QUALIFICATIONS: Candidates must meet the following requirement on or before the date of the written test:

Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in Civil Engineering.

Notice to Candidates: Transcripts will now be accepted by the Department of Personnel ONLY at time of application.

All subsequent transcripts must be submitted at time of interview.

NOTE: Your degree and/or college credit must have been awarded by a regionally accredited college or university or one recognized by the New York State Education Department as following acceptable educational practices. A grade of "D" or better is necessary for a course to be credited as successfully completed. If your degree and/or college credit was awarded by an educational institution outside of the United States and its territories, you must provide independent verification of equivalency. You can write to this Department for a list of acceptable companies providing this service; you must pay the required evaluation fee.

DUTIES: A *Junior Engineer* performs beginning level professional engineering work in the office or field in connection with the design, inspection, maintenance or construction of civil engineering projects; drafts and occasionally designs plans and profiles for the construction of civil engineering projects; uses and supervises the use of instruments in making observations and in gathering and recording engineering data; conducts surveys to establish or re-establish property lines, to map developed area, and to run location lines for roads, etc.; supervises the activities of field parties engaged in road surveys, collection of data for computation of quantities and payment to contractors; supervises and inspects construction and maintenance work on highways and bridges; inspects construction materials to see that they conform to specifications; prepares progress reports, maintains records of work done and changes in plans and specifications; performs structural design computations and checks plans of other engineers for errors; oversees the work of laborers and pre-professional engineers and assists with their training; performs computer operations for CAD, CADD and design engineering programs.

A medical examination may be required before appointment.

VETERANS: PROOF OF SERVICE MUST BE SUBMITTED BEFORE LIST IS ESTABLISHED
TO RECEIVE ADDITIONAL POINTS. (*See application for more information.*)

**NOTICES TO APPEAR FOR THE EXAMINATION ARE MAILED APPROXIMATELY ONE WEEK PRIOR TO THE EXAMINATION DATE
NO CELL PHONES ARE PERMITTED AT THE EXAM SITE.**

EXAMINATION DATE
DECEMBER 5, 2009

*SEE
REVERSE
SIDE*

APPLICATIONS MUST BE
POSTMARKED BY
NOVEMBER 4, 2009

SUBJECT OF EXAMINATION: The written test is designed to test for knowledge, skills, and/or abilities in such areas as:

1. **PRINCIPLES AND KNOWLEDGE RELATED TO COMPUTER-ASSISTED DESIGN AND DRAFTING (CADD) TECHNOLOGY:** These questions test for knowledge of the basic concepts, terminology and proper procedures to use when creating technical drawings utilizing computerized design and drafting software.
2. **PRINCIPLES AND PRACTICES OF CIVIL ENGINEERING:** These questions test for knowledge of engineering concepts and their practical applications to the construction, operation and maintenance of public works projects, including roadways, bridges, buildings, water and sewage systems and similar types of infrastructure.
3. **ENGINEERING PLANS, SPECIFICATIONS AND ESTIMATES:** These questions test for knowledge of and the ability to read and interpret construction drawings and technical specifications, and for the ability to calculate cost and quantity estimates from technical presentations and/or engineering and construction drawings. Knowledge of estimating techniques and the proper method of construction for specified projects will be required.
4. **METHODS AND MATERIALS OF CONSTRUCTION:** These questions test for knowledge of the proper procedures and materials used in the construction, maintenance and repair of various types of public works projects, including such typical construction work as excavations, roadways, embankments, and building and related structural improvements.
5. **SURVEYING PRINCIPLES AND PRACTICES, INCLUDING MAP INTERPRETATION:** These questions test for knowledge of the concepts, computations and proper procedures involved in performing surveys for construction projects and land areas, including the use of theodolites, total stations, automatic levels and other contemporary field survey equipment; and for the ability to read, analyze and perform technical computations based on site plans and topographic and survey maps.

NOTICE TO CANDIDATES: It is **recommended** that candidates use a quiet, hand held, solar or battery powered calculator. 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.

NOTICE TO CANDIDATES WHO ARE ALSO TAKING ANOTHER CIVIL SERVICE EXAM(S) ON THIS DATE (See Below)
(IF YOU ARE TAKING 2 OR MORE ERIE COUNTY EXAMS ON THIS DATE IT IS NOT NECESSARY TO CALL)

INFORMATION FOR CANDIDATES

APPLICATION FORMS: You may obtain these forms in person at the Erie County Personnel Department, Rath County Office Building, 95 Franklin St., Buffalo. Forms are also available in the libraries and at Town, Village and School District administrative offices.

Mail your application form when completed to the Erie County Department of Personnel, 95 Franklin St., Buffalo, NY 14202.

Candidates who submit incomplete applications and documentation may be disqualified. The Erie County Department of Personnel reserves the right to reject for lateness or to accept applications filed after the advertised filing period.

MILITARY STATUS: Active duty military personnel may file an application for this exam. A special military make-up examination will be conducted for any member of the armed forces of the United States who has duly filed a timely application but who was deprived of the opportunity to compete in the scheduled exam due to active military duty. Special conditions apply to these requests and may be reviewed at the Erie County Department of Personnel.

VETERANS: Disabled and non-disabled veterans as defined in Section 85, New York State Civil Service Law, will have 10 and 5 points, respectively added to their earned scores if successful in the examination. You must claim these credits when you file application but you have an option to waive them any time prior to appointment. If you have already used these credits for a permanent position in NYS, you may not claim them again.

In conformance with section 85-a of the Civil Service Law, **CHILDREN OF FIREFIGHTERS AND POLICE OFFICERS KILLED IN THE LINE OF DUTY** 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 a firefighter or police officer killed in the line of duty 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.

APPLYING FOR EXAMINATIONS IN MULTIPLE JURISDICTIONS ON SAME DATE. If you have applied for any other Civil Service exams for employment with New York State or any other local government jurisdiction, you must make arrangement to take all the exams at one test site.

If you have applied for both State and Local government exams, you must make arrangements to take all your exams at the State exam center by calling 1-877-NYS-JOBS (1-877-697-5627) no later than two weeks before the test date.

If you have applied for other local government exams, call or write each Civil Service Agency to make arrangements. You must make your request for these arrangements no later than three weeks before the date of the exams. You must notify all local government civil service agencies with whom you have filed an application of the location at which you wish to take your exam(s). For this exam call (716)858-7509 or write Erie Co. Personnel Dept., 95 Franklin St, Buffalo, NY 14202.

ADMISSION TO EXAMINATION: Notice to appear for the test will be conditional as review of application for minimum requirements may not be made until after the written test. Call or write this Department if you have not received your notice 3 days before the date of the test. You may not be admitted to the examination room without official notice.

SPECIAL ARRANGEMENTS: Applicants whose religious beliefs prevent their taking examinations before sundown on Saturday and physically handicapped candidates who require special examination facilities should so inform the Erie County Department of Personnel, by a separately mailed letter at the earliest possible date before the test.

RATINGS REQUIRED: Tests are rated on a scale of 100 with a passing mark at 70. Unless the announcement states otherwise, you must pass the written test and the oral test, if any. Test instructions may further divide the tests into parts and set minimum standards for each part.

TRAINING AND EXPERIENCE: If a subject of the examination, training and experience may not be rated if all passing candidates are expected to be immediately reachable for appointment. If rated, training and experience will be based on the statements in your application subject to verification. If this examination includes a qualifying written test, candidates admitted to the test will have conditional approval only. Final decision regarding the qualifications of candidates rests with the New York State Department of Civil Service.

VERIFICATION OF QUALIFICATIONS: Candidates may be investigated or called for an interview to verify information contained on the application.

Verifiable part-time and/or volunteer experience may be prorated toward meeting full-time experience requirements.

MEDICAL EXAMINATION: You may be required to take a medical examination to determine if you are medically and physically capable of performing the duties of the position.

In accordance with State Law, Governor's Executive Order 6, and Section 504 of the Federal Rehabilitation Act of 1973, as amended the County of Erie does not discriminate against handicapped persons in access to employment, during employment, or in any of its programs and activities.

ELIGIBLE LIST: The eligible list resulting from an examination may also be used for appointment to the same title or to any other title deemed to be similar and appropriate. Eligible lists are active for a minimum of one year and a maximum of four years from the date 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. Applicants may be required to pay a fee for the investigation.

NOTE: Fingerprints are sometimes required at the time of appointment. When they are required, the fee involved must be paid by the appointee.

****IMPORTANT APPLICATION FEE – READ CAREFULLY****

A \$20.00 filing fee is required for this exam. The required fee must accompany your application. Send or bring check or money order made payable to Erie County Personnel Department and write the examination number(s) on your check or money order. Do not send or bring cash, as the County cannot be responsible for cash payment. As no refund will be made, you are urged to compare your qualifications carefully with the requirements for admission and file only for those examinations for which you are clearly qualified.

APPLICATION FEE WAIVER: A waiver of application fee will be allowed if you are unemployed and primarily responsible for the support of a household. In addition, a waiver of application fee will be allowed if you are determined eligible for Medicaid, or receiving Supplemental Security Income payments, or Public Assistance (Temporary Assistance for Needy Families/Family Assistance or Safety Net Assistance) or are certified Job Training Partnership Act/Workforce Investment Act eligible through a State or local social service agency.

All claims for application fee waiver are subject to verification. If you can verify eligibility for application fee waiver, complete a "Request for Application Fee Waiver and Certification: form and submit it with your application by the close of business on the Application Deadline as listed on the Examination Announcement. The form is available at the Erie County Personnel Department, 95 Franklin Street, Buffalo, NY (Room 604) or can be downloaded from the County's website at www.erie.gov. Click on "County Departments and Agencies", then "Erie County Civil Service".

This examination is prepared and rated by the New York State Department of Civil Service, and held in compliance with the New York State Civil Service Law and the rules and regulations of the New York State Department of Civil Service.