



CATTARAUGUS COUNTY CIVIL SERVICE

HUMAN RESOURCES DEPARTMENT

303 Court Street * Little Valley, NY 14755 * (716) 938-2281 * FAX (716)938-2759

John R. Searles, Personnel Officer

Kristine M. Phinney, Deputy Personnel Officer

SENIOR CIVIL ENGINEER-#65700

Filing Date:

Applications received by mail must be postmarked no later than **05/28/2021**.

Applications submitted electronically must be completed no later than **05/28/2021 11:59 PM**

Exam Date:

Examinations will be held on **07/17/2021 08:30 AM**

Salary:

Varies by municipality. Salary for Cattaraugus County: \$50.66 - \$56.28 per hour.

Vacancy: Eligible List may be used to fill vacancies which may occur within Cattaraugus County and the municipalities under the jurisdiction of Cattaraugus County Civil Service. There currently exists one opening within the Cattaraugus County Department of Public Works, Little Valley, NY.

Fee Required: The State Civil Service Law requires our office to collect a processing fee from each applicant. The amount of the fee is **fifteen dollars (\$15)** per applicant for Each examination applied for, payable at the time of filing of the application form, by check (personal or certified) or money order, payable to the "Cattaraugus County Treasurer". **Cash Will Not Be Accepted.**

Applicants whose personal checks are returned for insufficient funds will not be considered as candidates for this exam or subsequent exams until such time as restitution is made. Applicants must record the Examination Number(s) and Title(s) on their checks. Refunds of fees will not be issued to applicants who are disqualified for not meeting the minimum qualifications for admittance to the examination, who file their application after the final filing date or who do not appear for testing on the scheduled test date. Therefore, Do Not Apply for an examination if you are not sure that you meet the minimum qualifications. Application fees shall be waived for candidates that are unemployed and primarily responsible for the support of a household or are receiving public assistance. Please contact this office for an Application Fee Waiver Request and Certification Form, or download from our website at:

<https://www.cattco.org/sites/default/files/hr/Application-Fee-Waiver.pdf>.

Residency: Preference in appointment may be given to successful candidates who have been, at the time of examination and for at least one month prior thereto, a resident of the jurisdiction in which the vacancy exists.

Minimum Qualifications: Graduation from a regionally accredited or New York State registered college or university with a baccalaureate degree in engineering and four years practical engineering experience, AND possession of a license and current registration issued by the New York State Education Department to practice as a professional engineer.

NOTE: In lieu of the degree and experience requirements, twelve years of practical experience in

work satisfactory to the State board of engineering and land surveying may be accepted, provided that each full year of college study in engineering satisfactory to the education department may at the discretion of the board be accepted in lieu of two years of the required twelve years of experience. Education above the baccalaureate level may also be applied in lieu of the four years of post-baccalaureate engineering experience in the discretion of the board.

Duties: This work involves performing civil engineering studies necessary for the development, upkeep, and improvement of the County's infrastructure. Responsibilities may include the design, development and implementation of projects involving bridge and road construction, waste management and traffic engineering. Supervision is exercised over subordinate engineering department personnel. This position differs from that of Civil Engineer by virtue of its expanded scope and level of responsibility. The work is performed under general direction of the Director of Engineering with wide latitude allowed for the use of independent judgement in carrying out the technical aspects of the work. A Senior Civil Engineer does related work as required.

Subject of Examination: A test designed to evaluate knowledge, skills and /or abilities in the following areas:

Preparing written material - These questions test for the ability to present information clearly and accurately, and to organize paragraphs logically and comprehensibly. For some questions, you will be given information in two or three sentences followed by four restatements of the information. You must then choose the best version. For other questions, you will be given paragraphs with their sentences out of order. You must then choose, from four suggestions, the best order for the sentences.

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.

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.

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.

Construction and maintenance of highways, bridges, drainage systems and other related structures - These questions test for knowledge of the engineering concepts, practices, testing procedures, materials and computations used in the installation, repair and upkeep of roadways, overpasses, abutments, retaining walls, embankments, drainage structures and related appurtenances.

Supervision - These questions test for knowledge of the principles and practices employed in planning, organizing, and controlling the activities of a work unit toward predetermined objectives. The concepts covered, usually in a situational question format, include such topics as assigning and reviewing work; evaluating performance; maintaining work standards; motivating and developing subordinates; implementing procedural change; increasing efficiency; and dealing with problems of absenteeism, morale, and discipline.

Test guide: The New York State Department of Civil Service has not prepared a test guide for this examination. However, candidates may find information in the publication 'General Guide to Written Tests' helpful in preparing for this test. This publication is available on line at: <https://www.cs.ny.gov/testing/testguides.cfm>.

Use of calculators is **recommended** for this examination.

This examination is being prepared and rated by the New York State Department of Civil Service in accordance with Section 23-2 of the Civil Service Law. The provisions of the New York State Civil Service Rules and Regulations dealing with the rating of examinations will apply to this examination.

Applications will be accepted up to **May 28, 2021**, and may be obtained from the Cattaraugus County Civil Service website at: <https://www.cattco.org/human-resources/exam-info#application>.

Cattaraugus County – An Equal Opportunity Employer

Issued: April 28, 2021

PARTICIPATION IN MULTIPLE EXAMINATIONS: If you have applied for both State and Local government examinations, you must take all your examinations at the State examination center. You will be advised by letter when and where to report for your examinations.

If you have applied for another local government examination with **another local civil service agency**, call or write each civil service agency to make arrangements. You must notify all government civil service agencies with whom you have filed an application of the test site at which you wish to take your examination.

SATURDAY SABBATH OBSERVERS - HANDICAPPED PERSONS: If special arrangements for testing are required, please indicate this on your application(s).

CANDIDATES PLEASE NOTE: Your application for this test is part of the examination process. Applications must be completely filled out with all pertinent information stated. The Commission does not refer to other applications on file for additional information. Applications which do not show training and/or experience to meet the minimum qualifications will be disapproved. Vagueness and ambiguity will not be resolved in your favor.

VETERANS: Disabled and non-disabled war veterans who are eligible for additional credits must submit an application for veterans' credits. Candidates who wish to claim veterans' credits on an examination should request an application and information sheet from the Cattaraugus County Civil Service Commission. Veterans' application forms will also be available upon request at the examination center. The completed forms must be received before the eligible list for the examination is established in order to utilize additional credits.

Effective January 1, 2014, War-time Veterans who previously used non-disabled veterans credits for appointment or promotion and are subsequently certified by the Veteran's Administration as a

disabled veteran may again be eligible for additional exam credits. To apply for subsequent disabled veteran credits, complete the Veteran Credit application and check the applicable box, additionally you are required to follow the directions below regarding Disabled Veterans credits.

Effective January 1, 1998, the State Constitution was amended to permit a candidate currently in the armed forces to apply for and be conditionally granted veteran's credit in examinations. Any candidate who applies for such credit must provide proof of military status to receive the conditional credit. *No credit may be granted after the establishment of the list* . It is the responsibility of the candidate to provide appropriate documentary proof indicating that the service was in time of war, as defined in Section 85 of Civil Service Law, and that the candidate received an honorable discharge or was released under honorable conditions in order to be certified at a score including veteran's credits.

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.