

PROJECT ENGINEER - WATER DISTRIBUTION

Code No. 3-14-275
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is an engineering position involving participation in the design and construction of water supply facilities. The employee reports directly to, and works under general supervision of, a senior-level engineering staff member, with wide leeway allowed for independent judgment and the application of professional engineering standards. The position regularly requires field work at construction job sites. Supervision may be exercised over subordinate staff or the employee may direct the work of technical and other support staff for specific assigned projects. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed.)

Designs and prepares specifications for water system construction projects such as booster stations, storage facilities and water mains;

Prepares studies and reports;

Acts as liaison between the Monroe County Water Authority (MCWA) and organizations such as Federal, State, County, and Town agencies, contractors, and other utilities on assigned projects;

Participates in inspection activities for MCWA construction projects, resolving problems with contractors and others related to MCWA projects;

Prepares necessary correspondence concerning construction projects;

Reviews contractors' estimates and consulting engineers' billings;

Obtains easements and acquires property for projects and files transactions with the County Clerk's office.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS:

Thorough knowledge of Civil Engineering practices as related to water system facilities; good knowledge of modern construction methods, construction inspection techniques, drafting, and engineering analysis; good oral and written communication skills; ability to design engineering projects, including the preparation of plans and specifications; supervisory ability; tact in dealing with governmental agencies, contractors, consumers, and property owners; willingness to work outdoors; good judgment; integrity; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma, plus EITHER:

- (A) Graduation with a Bachelor's degree in Civil, Sanitary, Construction Engineering/Technology, or a closely related field, plus two (2) years paid full-time or its part-time equivalent experience in civil, sanitary, or construction engineering/technology; OR,

- (B) Graduation with an Associate's degree in Civil, Sanitary, Construction Engineering/Technology, or a closely related field, plus four (4) years paid full-time or its part-time equivalent experience in civil, sanitary, or construction engineering/technology; OR,
- (C) Six (6) years paid full-time or its part-time equivalent experience in civil, sanitary, or construction engineering/technology; OR,
- (D) An equivalent combination of education and experience as defined by the limits of (A), (B), and (C) above.

NOTE: Your degree must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree was awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

SPECIAL REQUIREMENT: If you are appointed, you will be required to possess a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the job.

Monroe County Civil Service Commission

ADOPTED: August 20, 1992

REVISED: March 5, 2026