

SENIOR PROJECT ENGINEER – WATER DISTRIBUTION

Code No. 3-20-114
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is a senior-level engineering position responsible for participating and coordinating of plans and specifications for engineering projects. Work involves preparing, coordinating and monitoring water system construction projects. The employee reports directly to, and works under the general supervision of the Construction Engineer or other higher-level staff member. General supervision is exercised over subordinate professional and technical staff. 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.)

Manages the planning, execution and completion of engineering projects within a specified time frame;

Designs and prepares permit applications, plans and specifications for projects involving pump stations, water supply, water distribution, water storage systems and other related projects;

Develops, reviews and manages professional services contracts;

Reviews engineering plans and specifications for conformance with established standards;

Prepares and maintains engineering summaries and reports;

Investigates complaints and responds to inquiries concerning water distribution facilities.

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

Thorough knowledge of Civil Engineering principles and practices as applied to the design and construction of water system facilities; thorough knowledge of modern construction methods, construction inspection techniques, drafting, and engineering analysis; supervisory ability; ability to communicate effectively both orally and in writing; ability to design engineering projects, including the preparation of plans and specifications; ability to establish and maintain effective working relationships; willingness to work outdoors; good judgment; 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 four (4) 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 six (6) years paid full-time or its part-time equivalent experience in civil, sanitary, or construction engineering/technology; OR,
- (C) Eight (8) 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 position.

Monroe County Civil Service Commission

ADOPTED: March 3, 2022

REVISED: March 5, 2026