

SENIOR CIVIL ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: This is highly difficult professional civil engineering work involving the engineering judgment on projects of major scope. A Senior Civil Engineer is directly responsible for overseeing large scale engineering projects or directing a variety of engineering activities, and is responsible for technical aspects of these activities, consulting with supervisors only in matters of general administrative policy. Supervision is exercised over subordinate engineering personnel, the Street & Sewer Division, and the Supply & Equipment Maintenance Division, of the Department of Public Works. Does related work as required.

TYPICAL WORK ACTIVITIES:

Originates, plans, designs and supervises the construction and maintenance of streets, bridges, storm drainage systems, sanitary sewers, etc.

Supervises and participates in the preparation of plans and specifications for public utility construction;

May oversee and direct the issuance of work in the right-of-way permits;

Assigns and supervises the field work of subordinates;

Supervises the activities of survey parties such as field surveys, establishing line and grade, bench marks, or construction stake out;

Oversees the preparation of estimates, plans and profiles;

Preparation of reports and analysis of department activities;

Responsible for directing and supervising the activities of the Street & Sewer Division, and Supply & Equipment Maintenance Division, of the Department of Public Works;

Directly responsible for establishing and supervising a yearly street maintenance program;

Directly responsible for supervising snow and ice removal and control;

Directly responsible for establishing a cleaning and maintenance program for storm sewers;

Investigate citizen complaints concerning public works activities;

Assist the Director of Public Works in personnel matters, safety programs, training, programs and formation of policies relative to public works activities;

Meets with Department of Public Works union officers about working conditions, personnel matter's etc.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Comprehensive knowledge of principles and practices of civil engineering; comprehensive knowledge of modern methods and techniques as applied to construction and maintenance of public infrastructure; thorough knowledge of the practices, techniques, tools, equipment, materials, terminology and safety precautions of public works activities; demonstrated ability to design major engineering projects and to prepare engineering plans and specifications; demonstrated ability to conduct engineering research and solve complex engineering problems; ability to plan and lay out work of others; sound command of basic office and general engineering based computer software; ability to maintain records and prepare reports; integrity; good engineering judgment; physical condition commensurate with the job.

MINIMUM QUALIFICATIONS:

Promotional:

City of Jamestown - Candidates must be permanently employed in the competitive class for two (2) years as an Assistant Civil Engineer immediately preceding the date of the written test.

Open Competitive: Graduation from high school or possession of a high school equivalency diploma and Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in degree in civil engineering or civil technology from a regionally accredited or New York State registered college and four (4) years civil engineering experience.

ADDITIONAL REQUIREMENT: Possession of a Professional Engineering (PE) license issued by the State of New York at the time of application, appointment and during service in this classification.

Salary Range: \$87,124 - \$105,785

Amended CSC 11/25/86

Revised May 2009

Revised May 2023 Minimum Qualifications

Revised 1/23/2025 (CJAM Promotional Qualifications)