

ENGINEER III

DISTINGUISHING FEATURES OF THE CLASS: This is professional work of considerable difficulty including responsibility for the preparation, design, development, construction, maintenance, operation, or inspection of public works engineering projects as well as related duties that may be assigned. Work is performed in accordance with established policies permitting wide latitude for independent action and requiring a high degree of professional judgment. The work is performed under the general direction of a higher-level administrator and may involve supervision of engineering, technical and/or clerical employees. Does related work as required.

TYPICAL WORK ACTIVITIES:

Supervises and participates in the preparation, review and revision of plans, specifications, and designs of proposed engineering projects;
Directs preliminary studies, investigations, estimates, and the preparation of drawings of proposed engineering projects;
Performs technical research and prepares reports of findings;
Prepares bidding sheets for the purchase of materials and equipment;
Reviews specifications of private contractors;
Directs inspections of private contract construction.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the principles, practices and terminology of engineering and construction methods and materials; thorough knowledge of modern methods and techniques as applied to the design, construction and maintenance of structures and facilities; thorough knowledge of engineering research and economics; ability to plan, lay out and supervise engineering activities; ability to communicate effectively both orally and in writing; ability to prepare complex technical reports, correspondence and resolve problems.

MINIMUM QUALIFICATIONS: A Professional Engineer's license (PE) issued by the State of New York, and two (2) years of post-licensure engineering experience.

PROMOTION: One (1) year of permanent status as an Engineer II*

*Must possess or obtain a Professional Engineer's license (PE) by the time of appointment.

SPECIAL REQUIREMENT: Must maintain the Professional Engineer's license (PE) issued by the State of New York throughout the course of employment in this title.