

## VILLAGE ENGINEER

### DISTINGUISHING FEATURES OF THE CLASS:

This is professional engineering work calling for the frequent exercise of independent judgment in designing and supervising the construction of water mains, sewers, streets and other village engineering projects on a small scale. The Village Engineer also reviews the work of contractual engineers who design major projects and acts as technical advisor to other departments and agencies. General supervision is received from the Mayor and the Village Board of Trustees.

### TYPICAL WORK ACTIVITIES:

1. Designs and supervises the construction of water mains, storm and sanitary sewers, drainage projects, pumping stations, sections of sewage disposal plants, streets and highways;
2. Inspects the progress of engineering projects including the laying and resurfacing of streets and highways;
3. Consults with and reviews the work of contractual engineers;
4. Prepares and reviews plans, specifications, contracts and cost estimates for construction projects;
5. Supervises the activities of surveying parties;
6. Participates in negotiations for right-of-way purchases;
7. Conducts long range studies to determine future street, sewer and water system needs;
8. Acts as technical advisor to Village Planning Board, Building and Zoning officials and Highway Department;
9. Prepares miscellaneous technical reports;
10. Does related work as required.

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

Thorough knowledge of the principles and practices of civil engineering, especially as relating to the design, construction and maintenance of sewers, water mains and streets; good knowledge of surveying techniques; ability to construct, read and interpret engineering drawings and specifications; ability to make difficult technical computations and to compile engineering data; ability to make cost estimates; ability to layout clearly and concisely the working details of engineering projects; ability to supervise engineering projects; initiative and resourcefulness in the solution of engineering problems; physical condition commensurate with the demands of the position.

### MINIMUM QUALIFICATIONS:

- EITHER: (A) Graduation from a regionally accredited or New York State recognized college or university with a Bachelor's Degree in Civil Engineering and four years of progressively responsible work experience in the field of civil engineering;
- OR: (B) Graduation from high school and twelve years of progressively responsible work experience in the field of civil engineering;
- OR: (C) Any equivalent combination of the training and experience listed in (A) and (B) above.

### SPECIAL REQUIREMENT:

An applicant must be eligible for a professional engineer's license issued by the State of New York. Possession of the license is required at the time of appointment.

EG0210

ADOPTED: 10/20/81