

CITY 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 municipal engineering projects on a small scale. The City Engineer also reviews the work of contractual engineers who design major projects and acts as technical advisor to other city departments and agencies. Only general supervision is received from the chief executive officer or the Superintendent of Public Works.

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 purchase;
7. Conducts long range studies to determine future streets, sewer and water system needs;
8. Acts as technical advisor to a municipal Planning Agency, Zoning Commission, Highway Department or Department of Public Works;
9. Prepares miscellaneous technical reports;
10. Does related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS AND ABILITIES:

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 lay out 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 registered college or university with a Bachelor's degree in Civil Engineering and six years of progressively responsible work experience in the field of civil engineering;
- OR: (B) Graduation from high school and fourteen years of progressively responsible work experience in the field of civil engineering;
- OR: (C) Any equivalent combination of training and experience listed in (A) and (B) above.

NOTE: Graduate study in Civil Engineering or similarly related field may be substituted for the required experience on a year for year basis.

CITY ENGINEER (Cont'd)

SPECIAL REQUIREMENT FOR ACCEPTANCE OF APPLICATIONS:

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.

EG0205

ADOPTED: 05/15/75

REVISED: 09/15/95