

DIRECTOR OF ENGINEERING

Tompkins County

Department: Town of Ithaca

Classification: Competitive

Labor Grade: S

Approved: 1995

Revised: 1/1/05; TB 4/095; 11/05; 12/19

By: LG, Deputy Commissioner of Human Resources

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 with a minimum of five (5) years' experience, with at least two (2) years in a supervisory or management position, **OR**

(B) Graduation from a regionally accredited or New York State registered college or university with an associate degree in civil engineering with a minimum of twelve (12) years' experience, with at least four (4) years in a supervisory or management position; **OR**

(C) An equivalent combination of training and experience as defined by the limits of (A) and (B) above.

Tompkins County is Committed to Equity and Inclusion. We encourage those with similar values to apply.

SPECIAL REQUIREMENTS:

1. Possession of a New York State Professional Engineer's License at the time of appointment and maintained throughout appointment.
2. Take and subscribe the constitutional oath of office and file such in either the Town or County Clerk's office, before assuming duties.
3. Possess and maintain a valid NYS Driver's license and clear driving record throughout appointment.
4. Responsiveness to Town constituents and Town Board during emergencies and highly pressurized circumstances. Salaried position available for emergency situations.

DISTINGUISHING FEATURES OF THE CLASS:

This is a major administrative position responsible for directing the operation of the Town Engineering Department. The Director of Engineering is also responsible for managing the Town's water and sewer services, in coordination with the Director of Public Works. The employee may be appointed by the Town Board as the required designee "Town Engineer", which is responsible for providing professional engineering advice to the Town Board and other Town officials. Work is performed in accordance with the policies of the Town Board and requires considerable exercise of independent judgment especially as it relates to technical engineering issues for the planning, design and implementation of public works projects. General supervision is exercised over all activities of the department. Attendance at Town Board meetings is required, and attendance at Planning Board and Zoning Board of Appeals meetings is often required. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES:

- Directs operations of the Town Engineering Department;
- Assigns, reviews and evaluates the work of principal subordinate staff;
- Supervises the preparation of plans, studies, & presentations for public works projects, including applications for funding;
- Directs development of the capital improvement program and projects for water and sewer systems and storm water management for approval;
- Participates in development of Capital Improvement program for general project approval;
- Collaborates with the Town Highway Superintendent on technical issues regarding public works, including appointment of technical staff;
- Acts as liaison between organized community groups, the Town and engineering and administrative personnel in other municipalities on public work projects of mutual interest;

- Coordinates joint projects with other governments or agencies;
- Provides technical oversight of the Town water & sewer system;
- Acts as technical advisor to the Town Board, Planning Board, Zoning Board of Appeals and staff from other departments on engineering related issues;
- Monitors compliance with Federal, State, and Town Laws, regulations, codes and policies;
- Directs preparation of documents, technical studies & reports on infrastructure elements such as water and sewer service, drainage, traffic, etc. for presentation to boards & committees;
- Prepares and monitors department and project budgets;
- Responsible for management of department records, documents, and equipment;
- Determines personnel requirements and is responsible for the appointment and discharge of staff in compliance with state law and local civil service rules and in conjunction with the Town Board;

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

- Comprehensive knowledge of the principles, practices, and terminology of civil engineering;
- Thorough knowledge of the techniques and resources of engineering research;
- Thorough knowledge of the principles and practices involved in the operation and maintenance of water and sewer systems;
- Thorough knowledge of the principles and practices of storm water management and erosion and sediment control;
- Good knowledge of the modern methods and principles of construction and maintenance of public works;
- Ability to plan, organize, and coordinate complex and diverse phases of a public works program;
- Ability to perform engineering research and prepare reports;
- Ability to develop, read and interpret engineering drawings and specifications;
- Ability to communicate effectively, both orally and in writing;
- Ability to prepare operating budgets;
- Ability to plan and direct the implementation of large-scale public works projects;
- Ability to perform complex mathematical and engineering calculations;
- Ability to use personal computers for engineering and management applications;
- Ability to establish and maintain effective working relationships with other public officials, contractors, engineers, architects, lawyers and the general public;
- Ability to be firm, tactful, courteous and use good judgment;
- Ability to maintain confidentiality;
- Possession of high professional standards, good judgment, integrity and honesty;
- Physical condition commensurate with the demands of the position.

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