

## **SENIOR CIVIL ENGINEER**

**DISTINGUISHING FEATURES OF THE CLASS:** This position exists in the engineering division of the Oneida County Department of Public Works. An incumbent in this position is responsible for performing engineering work of complex and difficult caliber, involving the exercise of independent engineering judgement, based on extensive knowledge in both theory and practice of engineering principles. This class requires considerable responsibility and action independent of direction by higher authority. The work involves the general and specific supervision of technical and non-technical employees. Major problems and policy decisions are discussed with a Deputy Commissioner. Does related work as required.

**TYPICAL WORK ACTIVITIES:** (Illustrative Only)

Assigns and supervises field and office work of subordinates;  
Reviews planned alterations and construction for structural safety and design;  
Prepares plans and specifications for materials, supplies and equipment;  
Oversees the preparation of estimates, schedules and time tables for projects;  
Conducts long-range studies to determine future highway, bridge traffic or airport requirements;  
Conducts investigations and studies of accidents, soil surveys and economic studies for proposed improvements;  
Supervises the maintenance of permanent engineering office records;  
Prepares reports on department activities;  
Prepares and gives technical lectures to employees to improve their skills.

**FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:** Thorough knowledge of civil engineering principles and practices; thorough knowledge of current practices and techniques that apply to the maintenance and construction of projects germane to the County; skill in coordinating and applying engineering research and in preparing reports of such studies; ability to plan and supervise the work of others; ability to organize and direct work details of the design and construction of engineering projects; ability to obtain the cooperation and support of the public.

**MINIMUM QUALIFICATIONS:** Either:

- (A) Possession of a Master's Degree in civil or environmental engineering from a regionally accredited or New York State registered graduate school of engineering **AND** one (1) year of experience involving civil or environmental engineering; **OR**
- (B) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in civil or environmental engineering **AND** two (2) years of experience, as described in (A) above; **OR**
- (C) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in engineering **AND** four (4) years of experience, as described in (A) above; **OR**
- (D) An equivalent combination of training and experience, as defined by the limits of (A) through (C) above.

**Promotion:** Two years of permanent competitive class status as Assistant Civil Engineer.