

STAFF ENGINEER

Code No: 4-14-134

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is professional civil engineering work involving the design and implementation of new public works projects within a town's highway, water and drainage systems. Work is performed under direct supervision from the Town Engineer. Supervision of others is not a responsibility of this class. Does related work as required.

TYPICAL WORK ACTIVITIES (All need not be performed in a given position. Other related activities may be performed although not listed):

Designs and implements public works projects in the town such as sidewalk and drainage installation;

Works with outside consultants when necessary to design and implement projects;

Interacts with community residents, town employees and professionals in the field during the design and right of way acquisition phases of the projects;

Prepares plans, specifications and cost estimates for civil engineering projects;

Coordinates engineering contract work to ensure technical and legal accuracy;

Prepares engineer's reports and neighborhood information correspondence.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good knowledge of civil engineering principles and theory, specifically as they relate to the design, construction and repair of highways and bridges; working knowledge of the sources of engineering information; ability to express and evaluate engineering concepts and decisions in drawings, designs and written specifications; ability to collect engineering data, organize materials and prepare narrative and technical reports on engineering activities; ability to establish and maintain effective professional relationships with consultants, department staff and representatives from other departments and agencies; good judgment; resourcefulness in analyzing and resolving engineering problems; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of a high school equivalency diploma, plus EITHER:

- (A) Five (5) years paid full-time or its part-time equivalent professional experience in civil engineering involving public works projects; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in Civil Technology , plus three (3) 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 Civil Engineering plus one (1) year of experience as described in (A) above.

NOTE: Work experience as an engineering aide or technician, or similar support position may substitute for a maximum of three (3) years of experience in option (A).

SPECIAL REQUIREMENTS: Depending on the position duties, candidates for employment with the Monroe County Government will be required to pass a pre-employment drug test.

SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

ADOPTED: February 27, 1986

Reviewed: 10/28/86