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# CATTARAUGUS COUNTY CIVIL SERVICE

## HUMAN RESOURCES DEPARTMENT

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303 Court Street \* Little Valley, NY 14755 \* (716) 938-2281 \* FAX (716) 938-2759

John R. Searles, Personnel Officer

Kristine M. Phinney, Deputy Personnel Officer

### PRINCIPAL ENGINEERING TECHNICIAN

NOW HIRING

PRINCIPAL ENGINEERING TECHNICIAN

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS

LOCATED IN LITTLE VALLEY, NEW YORK

Based in the historic county seat of Little Valley, New York, the Department of Public Works includes Engineering, Highway, Fleet, and Refuse divisions. A relaxed Monday-through-Friday commute through the scenic landscape of Cattaraugus County supports the positive work life balance espoused by DPW, where all positions feature a competitive benefits package.

#### JOB DESCRIPTION

The Principal Engineering Technician position is characterized by the performance of technical tasks in support of assigned engineering programs and projects. General instruction is provided but this position typically works with relative independence in selecting methods to resolve problems, collect and evaluate information, make recommendations, and carry out construction projects from scoping to preliminary design through completion. A broader range of engineering techniques, procedures, technical materials, judgement, and exercise of more independence is required. This position may be assigned to act as "Engineer-in-Charge" of a project, directing the technical work of Road Section Supervisors and their crews. A Principal Engineering Technician does related work as required.

#### TYPICAL WORK ACTIVITIES

- Consults with engineers and chief technicians to determine preliminary scope of projects
- May conduct field surveys acting as crew chief, instructing crews where to locate jobs and to collect data
- Meets with civil engineering staff to discuss assigned projects
- Waterway analysis, including mapping, calculating drainage areas, determining hydraulic flows, and sizing
- Designs road alignments and vertical grades with the aid of computerized civil engineering software
- Consults with engineering staff to complete structural design
- Completes cross-section designs and material quantity estimates or delegates tasks to subordinates
- Coordinates project schedule with utility companies regarding power, telephone, gas, and water lines
- Designs guide rail and prepares bills of materials
- Develops traffic detour plans and right-of-way layout to enable map production for right-of-way acquisitions
- Negotiates with landowners in order to obtain easement executions and rights of way
- Obtains permits from state/federal agencies applying knowledge of regulatory requirements
- Coordinates construction needs and scheduling with appropriate Department personnel
- Acts as "Engineer-in-Charge" overseeing construction layout, excavation, inspection and equipment needs
- Modifies drawings to depict project as built following completion of construction and inspection reports

#### MINIMUM QUALIFICATIONS

A. Possession of an Associate's Degree in Engineering Technology or closely related field and 5 years' experience involving surveying, drafting, or the work of an engineering technician, 2 years of which must be supervisory in nature; OR

B. Successful completion of 18 semester credit hours in engineering or engineering technology; chemical, civil, mechanical, sanitary engineering technology; environmental technology; drafting; mathematics or science, and 7 years' experience surveying, drafting, or the work of an engineering technician, 2 years of which must be supervisory in nature; OR

C. Graduation from high school or possession of a high school equivalency diploma and 8 years' experience surveying, drafting, or the work of an engineering technician, 2 years of which must be supervisory in nature.

#### SALARY RANGE & BENEFITS

- \$66,000-\$74,000 annual salary
- Health insurance (including dental & vision)
- 4 paid personal days
- 10 paid vacation days
- Opportunities for overtime
- No-cost telemedicine benefit
- 13 paid sick days
- 11 paid holidays
- New York State retirement

#### TO APPLY

Email resume to Deputy Commissioner Michael J. Prinino at MJPRININO@cattco.org or submit online application.

TRANSFER CANDIDATES FROM NYS MUNICIPALITIES ENCOURAGED TO APPLY

CATTARAUGUS COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER