



BYRON W. BROWN
Mayor of Buffalo

FRANCISCO GUZMÁN
Acting Commissioner

DEPARTMENT OF PUBLIC WORKS, PARKS & STREETS

CIVIL SERVICE JOB OPENING

September 29, 2022

Title of Position: Principal Engineer
Number of Vacancies: Two (2) Provisional
Salary Range: \$80,106-\$99,525

This is highly complex and professional engineering work involving responsibility for administering and supervising the engineering program. The position involves responsibility for the design, preparation of plans and specifications, and the layout, construction and maintenance of bridges, viaducts, pavements, sidewalks, street lighting, harbors, buildings, and water system. All professional engineering work is performed without any supervision with recommendations for administrative determination subject only to the approval of the department head.

DUTIES:

Supervises the design, construction, maintenance and repair of bridges, viaducts, pavements, sidewalks, street lighting, harbors, buildings, and water system;
Reviews consultants' designs, and prepares plans, specifications and contract drawings for extensions and improvements to the water system and for repairs and construction of Division of Water buildings;
Conducts and supervises highly complex technical studies in a search for improvements existing systems;
Supervises the gathering of operating data and other relevant information for inclusion in periodical reports and summaries;
Makes recommendations for and assists in the development of long-range projects and programs;
Keeps well-informed on engineering trends and new developments in engineering science and techniques;
Supervises and plans the work of the department;
Performs a variety of personnel and office management activities;
Personally performs engineering activities of a wide variety and scope requiring a high degree of administration and professional engineering judgement;
Performs related duties as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Comprehensive knowledge of the principles and practices of civil engineering as it relates to the design, construction, operation, and maintenance of public works projects;
Thorough knowledge of structural engineering as it relates to the design and construction of pump stations, structures, pavements, water lines, and various other additions and improvements to city owned systems;
Ability to design and construct additions and improvements to public work projects;
Ability to prepare and analyze engineering records and reports;
Ability to express and evaluate engineering concepts and decisions in drawings, design, written specifications;
Demonstrated ability to understand and carry out administrative directions;
Must possess a high degree of accuracy, good professional judgement, initiative, resourcefulness, tact, courtesy, good address, and integrity.
Physical condition commensurate with the demands of the position.



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PRINCIPAL ENGINEER #4060 (cont'd.) **MINIMUM QUALIFICATIONS**

Promotional

Applicants must have continuous and permanent status as an **Associate Engineer** in any city department for at least **one year**.

Special Requirement: Applicants must possess a **Professional Engineer's License** issued by the State of New York, which must be presented at time of filing applications, and maintained during employment.

Open Competitive

Applicants must possess a **Professional Engineer's License** issued by the State of New York, which must be presented at time of filing applications, and maintained during employment.

In addition, applicants must have **four years** of full-time approved* engineering experience.

*Approved Areas of Engineering Experience:

Design, construction, investigation, inspection, analysis, development, maintenance, or operation of engineering programs or projects in areas of:

- A) Civil Engineering
- B) Sewers, Water Mains, Streets
- C) Related Structures/Areas

City Residency Required

In the absence of clear and convincing evidence to the contrary, an applicant shall be deemed a non-resident if they cannot show ninety (90) days of continuous and uninterrupted residence in the City of Buffalo prior to filing application.

Applicants must submit their resume detailing relevant experience and qualifications for this position by **Friday, October 14, 2022** to:

Kellianne Griffith
kgriffith@buffalony.gov
65 Niagara Square, Room 511
Buffalo, NY 14202

A handwritten signature in blue ink, appearing to read "Francisco Guzmán".

Francisco Guzmán
Acting Commissioner