

City Engineer

City of Hoboken



General Summary

The City of Hoboken is seeking a licensed Professional Engineer (P.E.) to serve as the City's full-time in-house engineer. Hoboken is a dynamic one-square mile city of approximately 54,000 people located on the west bank of the Hudson River directly across from Manhattan and New York City. Hoboken has experienced significant population growth and development since the turn of the century, and the City is now preparing to invest heavily in infrastructure in the coming years.

This position will be responsible for supervising all engineering functions and activities within the City of Hoboken. This includes construction of the City's redesign of Washington Street (Hoboken's "Main Street"), monitoring of the City's flood resistance initiative "Resist, Delay, Store, Discharge", the design and construction of up to three new City parks encompassing a combined 11 acres, the City's Pavement Management Program, replacement of water mains, maintenance of Hoboken's municipal parking facilities, and more. This position will require expertise in transportation engineering, and the appointee will be responsible for conducting and/or managing transportation studies, maintenance and monitoring of the City's traffic signals, leading the design of complete streets projects, conducting parking studies, and ensuring that regulatory signage conforms to MUTCD standards. This position will collaborate with the City's Chief Resiliency and Chief Sustainability Officers on efforts to construct green infrastructure projects, a microgrid, and other related projects. This position will supervise a Construction Manager, including construction administration and inspection services. This position will also serve as the City's "Responsible Charge" for administration of federally funded infrastructure projects.

Major Duties and Responsibilities

1. Monitor and supervise all engineering functions and construction activities of the City
2. Conduct engineering studies, including speed and volume studies, warrant analyses, highway capacity analyses, travel time and delay studies, and parking studies
3. Coordinate efforts to collect and analyze crash data, traffic counts, and pedestrian and bicycle counts and develop countermeasures for the City's Vision Zero initiative
4. Manage the City's Pavement Management Program
5. Prepare and/or review engineering plans and specifications for the City's roadway construction projects
6. Supervise construction administration and inspection services for capital projects
7. Design and implement the City's Bicycle Network
8. Prepare/review maintenance and protection of traffic plans
9. Participate in public meetings and hearings
10. Maintain and monitor the City's traffic signals
11. Prepare engineering reports and technical memoranda
12. Review site plan applications and provides comments and recommendations to the Administration, department heads, and the City's land use boards
13. Assist with drafting updates to the Hoboken Municipal Code
14. As directed by department directors and officials, inspect systems, sites, or structures and render an opinion as to their condition
15. Evaluate bids and make recommendations

16. Oversee the performance of other engineers and contractors while work is being performed
17. Participate in annual and forecasted capital improvement budgets

Minimum Qualifications

- Education: graduation from an accredited four-year college or university with a Bachelor's degree in Civil Engineering or related field.
- Experience: seven (7) years of experience in civil engineering work with expertise in transportation and municipal engineering. A Master's Degree in Civil Engineering or a related field may substitute for one year of experience.
- License: a license as a Professional Engineering (P.E.), issued by the New Jersey State Board of Professional Engineers

Additional Desired Qualifications

- Certification as a Certified Municipal Engineer (CME) by the New Jersey Society of Municipal Engineers
- Certification as a Certified Public Works Manager (CPWM) by the Rutgers Center for Government Services
- Certification as a Certified Floodplain Manager (CFM) by the Association of State Floodplain Managers
- License as a Professional Planner, issued by the New Jersey State Board of Professional Planners

Knowledge, Skills, and Abilities:

- Comprehensive knowledge of engineering principles, practices, methods, and techniques required for planning, designing, directing, and operating complex and diversified municipal projects
- Extensive knowledge of best practices in progressive urban street design
- Demonstrated experience with design engineering or project management of complete streets projects
- Strong proficiency with State and Federal engineering roadway design and signage standards
- Proficiency in ArcGIS, Google Earth, and other mapping software
- Strong proficiency in Microsoft Office, including Excel, Word, and PowerPoint
- Knowledge of New Jersey Department of Transportation reimbursement procedures
- Ability to perform drafting operations in preparation of plans
- Strong proficiency with engineering and planning software, such as AutoCAD, HCS, ArcGIS, Synchro, SimTraffic, Microstation, etc.
- Ability to read, prepare, analyze, develop, and interpret construction plans and specifications
- Ability to establish and maintain effective working relationships with general contractors
- Ability to prepare clear, technically sound, accurate, and informative engineering and other reports containing findings, conclusions, and recommendations
- Ability to read, write, speak, understand, and communicate in English sufficiently to perform the duties of this position. American Sign Language or Braille may also be considered as acceptable forms of communication.
- Persons with mental or physical disabilities are eligible as long as they can perform essential functions of the job with or without reasonable accommodation. If the accommodation cannot be made because it would cause the employer undue hardship, such persons may not be eligible.

Miscellaneous

- Appointee shall be required to possess a driver's license valid in New Jersey

Salary: Negotiable depending on qualifications.

****Please send resume and cover letter to Michael Kraus at mkraus@hobokennj.gov****