Job Posting Notice

Traffic Engineering & Planning

Job Description
Traffic Engineering & Planning within DOT’s Transportation Planning & Management Division, seeks an experienced motivated candidate to work within a multi-disciplinary team dedicated to improving transportation in the city through various transportation studies and projects. The candidate will be responsible for conducting and reviewing traffic/transportation studies and projects.

The candidate must be familiar with traffic and transportation engineering principles and policies and will be required to conduct traffic analysis using appropriate engineering software such as HCS, Synchro and VISSIM. The candidate will make recommendations from the analyses and develop conceptual projects to address traffic/transportation issues, prepare preliminary designs in GIS and Auto-Cad, prepare written reports and graphic materials for presentations, participate in technical and advisory committee meetings, provide technical assistance to agency staff and interact with other agency representatives on department studies and projects and work both independently and as part of a team. This involves conducting field surveys including traffic volume counts, street geometry, parking, land-use, trip generation, etc. The candidate should have a clear understanding of the relationship between land use and transportation as well as the four-step transportation planning process. Familiarity with the MPO / NYMTC RTP, UPWP processes would be an advantage. The candidate will be expected to work collaboratively and inclusively, seeking to cultivate continued professional development, while effectively communicating with all stakeholders. This is an opportunity to work with a team dedicated to improving safety, accessibility and mobility throughout New York City.

Traffic Engineering & Planning Unit is responsible for conducting, reviewing and approving traffic engineering analysis and methodologies including transportation planning assumptions for Environmental Impacts Statements, Traffic & Transportation Studies and Projects. These relate to every aspect of traffic operations and planning from curb-cuts to area-wide studies.

Minimum Qualification Requirements
1. A master's degree in transportation planning, transportation engineering, mathematics, urban planning, architecture, landscape architecture, urban studies, or related physical and social science fields; or
2. A baccalaureate degree in engineering from an accredited college and one year of full-time satisfactory experience performing technical work on roadway transportation and traffic studies and area-wide traffic programs; or
3. A baccalaureate degree from an accredited college and two years of full-time satisfactory experience as described in “2” above; or
4. An associate degree or completion of 60 semester credits from an accredited college and four years of full-time satisfactory experience as described in “2” above; or
5. A four-year high school diploma or its educational equivalent and six years of full-time satisfactory experience as described in “2” above.

Special Note
In addition to meeting the minimum Qualification Requirements above:
To be assigned to Assignment Level II, the candidate must have an additional year of experience as described in the “Qualification Requirements” listed under “2” above. To be assigned to Assignment Level III, the candidate must have an additional two years of experience as described in the “Qualification Requirements” listed under “2” above.

Preferred Skills
Proficiency in HCS, Synchro/SimTraffic; AutoCAD, AutoTurn, Microstation; ArcGIS; knowledge of traffic simulation models (i.e., VISSIM, ALMSUN, etc.); Microsoft Word, Power Point, and Excel; publishing and graphics software strongly preferred; as well as knowledge of the MPO (NYMTC) RTP process, transportation planning and traffic engineering principled traffic environmental impact studies; Highway Capacity Manual (HCM), MUTCD, AASHTO, and the CEQR Technical Manual. Excellent writing and oral presentation skills preferred. Valid NYS Driver’s License required.

Additional Information
The City of New York is an inclusive equal opportunity employer committed to recruiting and retaining a diverse workforce and providing a work environment that is free from discrimination and harassment based upon any legally protected status or protected characteristic, including but not limited to an individual’s sex, race, color, ethnicity, national origin, age, religion, disability, sexual orientation, veteran status, gender identity, or pregnancy. This position is open to qualified persons with a disability who are eligible for the 55-a program. Please indicate in your resume or cover letter that you would like to be considered for the position under the 55-a program. As a current or prospective employee of the City of New York, you may be eligible for federal loan forgiveness programs and state repayment assistance programs. Please review the notice to see if you may be eligible for programs and how to apply on line at nyc.gov/studentloans or at nyc.gov/dcas.

Note: Less than 2 yrs. City Service - New Hire Rate: $74,650; 2 or more yrs. City service - Minimum Incumbent Rate: $85,847

Residency Requirements
New York City residency is generally required within 90 days of appointment. However, City Employees in certain titles who have worked for the City for 2 continuous years may also be eligible to reside in Nassau, Suffolk, Putnam, Westchester, Rockland, or Orange County. To determine if the residency requirement applies to you, please discuss with the agency representative at the time of interview.

Current employees, please log into Employee Self Service at https://hrb.nycapps.nycnet follow the Careers Link. Job ID #: 509220

To Apply
All resumes are to be submitted electronically using one of the following methods:
Current employees, go to www.nyc.gov/careers and search for Job ID # 509220

No phone calls, faxes or personal inquiries permitted.

For more information about DOT, visit us at: www.nyc.gov/dot.

Posting Date: 12/21/2021
Post Until: 05/20/2022