

## **Senior Engineer (Traffic Signal Systems/ITS)**

**March 2017 Posting**

The New Jersey Sports and Exposition Authority (NJSEA) is a state regulatory agency responsible for zoning and planning, as well as the oversight and management of a transportation planning district, within the 32-square mile Hackensack Meadowlands District in northern New Jersey.

Primary duties of the Senior Engineer (Traffic Signal Systems/ITS) include:

- Overseeing the operation and maintenance of all elements of the District's Meadowlands Adaptive Signal System for Traffic Reduction (MASSTR), inclusive of Internet Protocol (IP) based area-wide communication system, Image Detection System (IDS) and Adaptive Traffic Signal Control (ATSC) system, and managing contractors and vendors
- Providing technical support related to Intelligent Transportation System (ITS) projects.
- Managing and supporting special projects and initiatives of the NJSEA under the Meadowlands Transportation District Transportation Plan (MDTP)
- Performing field inspections and other duties in support of installation and deployment of MASSTR and other ITS projects

BS Degree in Civil Engineering, Electrical Engineering or a related field is required, along with 6+ years of experience in traffic signal design and ITS. Knowledge and understanding of traffic engineering principles, HCM, MUTCD, AASHTO and ITE manuals desired. Proficiency in AutoCAD/MicroStation and experience with traffic analysis and simulation (e.g., HCS, Synchro) are a plus, along with GIS applications related to transportation and safety analyses. Certifications in network routing and switching, fiber optic and/or wireless are also a plus. This position requires the ability to climb, traverse rough terrain, lift moderate weight and withstand exposure to inclement weather.

Applicants must be self-motivated and possess strong verbal, written, organizational and analytical skills. Local candidates are strongly preferred.

The NJSEA offers a competitive salary and a comprehensive benefits package. Send resume along with salary requirements to NJSEA, One DeKorte Park Plaza, P.O. Box 640, Lyndhurst, NJ 07071, Attn: Human Resources; fax to 201-460-1722; or send via e-mail to [resumes@njmeadowlands.gov](mailto:resumes@njmeadowlands.gov).