

ATLANTIC COUNTY GOVERNMENT

JOB ANNOUNCEMENT

PLEASE POST

TITLE: Supervising Engineer Highway and Bridges

SALARY: \$44,545 - \$52,904

Hours: 40 35

DEPARTMENT: Public Works

Union: Mgmt

LOCATION: Hammonton, NJ

NJCSC Test Required: Yes No

Grant Funded: Yes No

DEFINITION:

Under direction, supervises the field and office engineering work involved in the structural designs and estimates of the costs of highway and bridges and in the complex engineering phases of surveys, studies, investigation, construction or inspection of highways, bridges and other roads, streets and appurtenances; does related work as required.

NOTE: The examples of work for this title are for illustrative purposes only. A particular title may not perform all duties listed in this job specification. Conversely, all duties performed on the job may not be listed.

REQUIREMENTS:

EDUCATION:

Graduation from an accredited college or university with a Bachelor's degree in Civil Engineering.

NOTE: Possession of a professional engineer's license issued by the New Jersey Board of Professional Engineers and Land Surveyors may be substituted for the above educational requirement.

EXPERIENCE:

Three (3) years of engineering experience in bridge and highway design work, one (1) year of which shall have been in a supervisory capacity.

NOTE: Possession of a master's degree in civil engineering may be substituted for one (1) year of the nonsupervisory experience described above.

LICENSE:

Note: Appointees may be required to possess a valid Professional Engineering (PE) license issued by the NJ State Board of Professional Engineers and Land Surveyors, particularly for positions assuming "responsible charge" over staff as defined by N.J.A.C. 13:40-1.3 Appointees will be required to possess a driver's license

valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform essential duties of the position.

EXAMPLES OF WORK:

Plans, organizes and assigns the work of the organizational unit and evaluates employee performance and conduct, enabling the effective recommendation of the hiring, firing, promoting and disciplining of subordinates.

Reviews project studies, final layout and contract drawings for bridges, highways and related structures.

Makes structural design calculations for bridges, highways and related structures.

Checks structures for the correctness of detail.

Prepares estimates of the cost and quantities of contract items required for proposed bridge, highway and other structural construction.

Reviews and checks designs in order to determine the stability, strength and economy of proposed structures.

Checks mathematical calculation for alignments, vertical and horizontal curves and other incidental calculations pertinent to bridge and highway construction.

Reviews shop plans and working drawings submitted by contractors for compliance with contract plans.

Supervises and makes field inspections of the more complex existing structures.

Directs and prepares engineering cost and other reports.

May have responsibility for the determination of future projects and budget projections to be submitted for management approval.

Assigns, checks and supervises the work of lower level engineers and gives them suitable assignments and instructions.

Will be required to learn to utilize various types of electronic and/or manual recording and information systems used by the agency, office, or related units.

KNOWLEDGE AND ABILITIES:

Knowledge of modern bridge and highway and structural engineering and design work.

Knowledge of shop practices and construction procedures.

Knowledge of the engineering problems involved in supervising the field and office operation of a staff engaged in modern bridge and highway and structural engineering and design work.

Knowledge of supervisory methods and techniques.

Ability to organize assigned large scale technical engineering and supervisory work and develop effective work methods.

Ability to provide suitable assignments to employees.

Ability to make calculation for alignment, vertical and horizontal curves and other calculations relating to the construction of bridges, highways and other structural modes.

Ability to review plans submitted by engineers, consultants and/or other agencies.

Ability to prepare cost and quantity estimates of bridge and other structural construction projects.

Ability to prepare engineering and other technical reports on bridge, highways and other structural construction matters containing findings, analyses, conclusions and recommendations.

Ability to maintain essential records and files.

Ability to read, write, speak understand or communicate in English sufficiently to perform the duties of the position. Communication may include such forms as American Sign Language or braille.

Persons with mental or physical disabilities are eligible as long as they can perform the 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.

**Interested, qualified applicants should apply online at www.aclink.org
Alternatively, applications may be mailed to the
Atlantic County Division of Human Resources
1333 Atlantic Avenue, Atlantic City, NJ 08401
- We are an Equal Opportunity Employer -**