Job Title: ENGINEERING TECH I - JUNIOR CONSTRUCTION INSPECTION TECHNICIAN - IPR#46041

Agency : Department of Transportation
Closing Date/Time: 11/17/2022
Salary: $2,695 - $4,735 Monthly
Job Type: Salaried Full Time
County: Sangamon
Number of Vacancies: 5
Plan/BU: NR916 - Protech Teamsters

This position is a union position; therefore, provisions of the relevant collective bargaining agreement/labor contract apply to the filling of this position.

All applicants who want to be considered for this position MUST apply electronically through the illinois.jobs2web.com website. State of Illinois employees should click the link near the top left to apply through the SuccessFactors employee career portal.
Applications submitted via email or any paper manner (mail, fax, hand delivery) will not be considered.

Agency Mission Statement

The Illinois Department of Transportation is seeking to hire an Engineering Technician I.

The IDOT team works diligently to provide safe, cost-effective transportation for Illinois in ways that enhance quality of life, promote economic prosperity and protect our environment. We are problem solvers and leaders, constantly searching for innovations and improvements in support of our commitment to providing the best multimodal transportation system for Illinois.

Our team fosters a culture of inclusivity. We value diversity and hold ourselves to the highest ethical standards as we work together for a common purpose. Team members frequently collaborate with colleagues and others outside the department to best meet customer needs.

The department offers extensive training and career advancement opportunities.

- As an Engineering Tech I, you have the possibility of promoting to an Engineering Tech II within 18-24 months.
- A possibility of promoting to an Engineering Tech III within 30-36 months.

Engineering Technician I's with the Illinois Department of Transportation work with engineers from diverse backgrounds, experiences, and careers. They are exposed to both external and internal engineering professionals. This program is a unique opportunity to expand your knowledge and career while networking within a vast engineering network. IDOT offers an ideal program to start and expand an engineering career.

Employees also receive a robust benefit package including:

- Monday-Friday work schedule
- Flexible work schedules are available in many program areas.
- Health, Life, Vision, and Dental Insurance
- Pension Plan
- (10) Weeks paid Maternity/Paternity Leave
- Deferred Compensation Program and other pre-tax benefit programs (Medical/Daycare)
- Employees earn (12) paid Sick Days annually.
- New Employees earn (10) paid Vacation Days their first year of service and can earn up to (25) paid Vacation Days annually.
- Employees earn (3) paid Personal Days annually.
- (13-14) paid holidays annually (based on start date)
- Tuition Reimbursement

We invite qualified applicants to apply to become part of our team. We are confident that you will take pride in serving Illinois and its residents and visitors.

Job Responsibilities

This position is accountable for the inspection and documentation of highway improvements. This position may be assigned to a rotation program and/or may be assigned to various sections or bureaus in the district during the winter months.

Number of Projects: 1 to 3, 1-10 miles in length

This position reports to the Resident Engineer. No subordinates report to this position.

This position is involved in the inspection and documentation of all types of construction projects. These projects include new construction as well as widening and resurfacing projects. The incumbent is involved in all phases of the projects from construction surveying to material inspection and documentation.

The position may be enrolled in a rotation program and may be assigned to various sections or bureaus in the district. These responsibilities may involve performing various assigned duties within the district sections of Programming, Studies and Plans, Project Support, Land Acquisition, Construction, Materials, Local Roads, Maintenance, Bridges, and Traffic.

Typical problems faced by the incumbent are primarily technical in nature but occasionally may require the incumbent to serve as party chief. Technical skills are required for the in-field interpretation of road and highway plans as they relate to the actual in-field situations. These skills are used to compute quantities of materials used and to perform construction surveys and inspections. The greatest challenge of this position is to ensure an accurate on-site inspection and documentation while at the same time maintaining a harmonious relationship with contractor personnel.

The incumbent personally inspects earthwork, hot-mix asphalt resurfacing, Portland cement concrete paving, and bridge construction. This position also works on a survey crew, plots cross sections, performs computations, and performs documentation on assigned projects.

The incumbent operates within the guidelines of the Plans, Special Provisions and Standard Specifications for Road and Bridge Construction. S/He resolves minor construction problems. Other problems are referred to the Resident Engineer or Resident Technician. This position is constrained by departmental regulations.

The incumbent has contact with contractor personnel and occasionally with the public. S/He may be required to travel a considerable distance to the job site and/or stay away overnight.

The effectiveness of this position can be measured by the thoroughness of the inspections performed and the neatness of required documentation.

Principal Accountabilities

1. Ensures an accurate and thorough inspection and documentation of assigned construction projects.
2. Performs construction surveys and inspections.
3. Performs general design or planning work during winter months.
4. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
5. Performs other duties as assigned.

Qualifications

Position Requirements

- Education/Experience:
  - Completion of two years of college in civil engineering technology, pre-engineering or a job related technical/science curriculum OR
  - Two years of engineering experience
- Valid driver's licenses
- Districtwide travel with occasional overnight stays
- Overtime
- Ability to work outdoors in a variety of conditions including active construction sites

Position Desirables

- Ability to communicate effectively and follow oral and written instructions
- Basic skill in the use of engineering field and office instruments
- Working knowledge of math to include trigonometry
- Working knowledge of the preparation and reading of design plans and ability to utilize computer aided design and drafting (CADD) software (MicroStation or AutoCADD)
- Working knowledge of Microsoft Excel and Word
- Knowledge of roadway construction and materials/laboratory testing equipment

Work Hours: 7:00 AM - 3:30 PM Monday-Friday
Work Location: 126 E Ash St Springfield, IL 62704-4766
Office: Office of Highways Project Implementation/Region 4/District 6/Project Implementation
Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV
Job Family: Transportation

APPLICATION INSTRUCTIONS

Use the "Apply" button at the top right or bottom right of this posting to begin the application process.
If you are not already signed in, you will be prompted to do so.
State employees should sign in to the career portal for State of Illinois employees – a link is available at the top left of the Illinois.jobs2web.com homepage in the blue ribbon.
Non-State employees should log in on the using the "View Profile" link in the top right of the Illinois.jobs2web.com homepage in the blue ribbon. If you have never before signed in, you will be prompted to create an account.
If you have questions about how to apply, please see the following resources:
State employees: Log in to the career portal for State employees and review the Internal Candidate Application Job Aid
Non-State employees: on Illinois.jobs2web.com – click "Application Procedures" in the footer of every page of the website.

The main form of communication will be through email. Please check your "junk mail", "spam", or "other" folder for communication(s) regarding any submitted application(s). You may receive emails from the following addresses:

- donotreply@SIL-P1.ns2cloud.com
- systems@SIL-P1.ns2cloud.com