Job Title: ENGINEERING TECH I - INSPECTOR - IPR#46033

Agency : Department of Transportation
Closing Date/Time: 11/17/2022
Salary: $2,695 - $4,735 Monthly
Job Type: Salaried Full Time
County: Lee
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 assisting in the layout, inspection, and the documentation of records.

Number of Projects: 1-3
Value of Contract: $100,000 and up

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

This position operates in an environment of ensuring that the contractor provides a quality improvement in a timely manner. This position assists in the layout, inspection, measurement, and the documentation of contract pay items.

Typical problems of this position include becoming knowledgeable of standards and specifications of the contract pay items involved with each particular contract and the documentation procedures and requirements. The greatest challenge is to provide accurate and timely inspection of work being performed to ensure contract compliance and a quality improvement.

The incumbent personally performs tasks of a technical nature. He/She assists with the necessary survey operations in the capacity designed by the supervisor. He/She inspects the construction procedures involved with pavement patching, bituminous widening and/or resurfacing, concrete and metal pipe installation, aggregate base course and shoulder placement, and other related items. The incumbent will also check and reduce field notes; plot cross sections; and make field measurements, computations, and reports, as necessary. He/She assists with the layout, inspection, and documentation of contract pay items. If qualified and so designated to do so, he/she will also perform and document on-site material testing such as percent air entrainment, percent moisture, bituminous mix temperature, concrete slump, concrete strength, etc.

The incumbent must refer all but the routine problems to the Resident Engineer or his/her designated assistant. He/She operates under a strict set of rules and precedents and has little latitude to exceed them. The incumbent is also guided by state and federal rules and regulations, and the plans and specifications of the particular project.

The incumbent's primary contact is the Resident Engineer in providing supportive services.

The incumbent is evaluated on the dependable and timely performance of the above duties.

Principal Accountabilities

1. Provides inspections and keeps accurate records of inspection, field measurements, and documentation of contract pay items.
2. Keeps the Resident Engineer informed on status and/or problems on contractor's work.
3. Assists with construction layout and staking through accurate measurement and placement to assist in ensuring improvements are performed in accordance with the contract plans.
4. Responsible for maintaining a safe work environment.
5. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conductive to the fair and equitable treatment of all employees.
6. 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 license.

Position Desirables

- Working knowledge of math to include trigonometry.
- Working knowledge of the preparation of design plans and the ability to perform necessary technical computations in planning preparation.
- Working knowledge of materials testing and laboratory testing equipment.

Work Hours: 8:00 AM - 4:30 PM Monday-Friday
Work Location: 819 Depot Ave Dixon, IL 61021-3546
Office: Office of Highways Project Implementation/Region 2/District 2/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