

Job Title: ENGINEERING TECH I - JUNIOR CONSTRUCTION INSPECTOR - IPR#46469

Agency : Department of Transportation

Closing Date/Time: 04/17/2023

Salary: \$2,695 - \$4,735 Monthly

Job Type: Salaried Full Time

County: Madison

Number of Vacancies: 10

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 Engineering Technicians (ET 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 a Engineering Technician I, you have the possibility of promoting to an Engineering Technician II within 18-24 months.
- A possibility of promoting to an Engineering Technician III within 30-36 months.
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Engineer Technician I's with the Illinois Department of Transportation are trained in a variety of specializations during their career. They 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 provides engineering assistance to the Resident Engineer in the layout, inspection and documentation of highway construction projects.

Subordinates:	0
Number of Construction Projects:	various
Value of Projects:	various

This position reports to the Resident Engineer, but may report to other supervisory positions on a rotational basis.

This position assists in the layout of construction projects, performs routine inspection of construction operations and materials, and provides associated documentation required. The position operates within an environment of ensuring that the contractor provides a quality improvement in accordance with plan specifications and special provision in a timely manner.

A typical problem includes resolving discrepancies with contractor personnel on routine problems involving the inspection of construction layout and materials. The major challenge of this position entails ensuring the accuracy of all layouts and documentation on each assigned construction project.

The incumbent performs inspections to ensure the specifications are being adhered to. These include inspection and documentation of earthwork, drainage concrete and bituminous paving, structures, and other items of similar scope. The incumbent will also check and produce field notes, plot cross sections, make field measurements and computations, and perform other related duties assigned by the Resident Engineer.

The incumbent is constrained by the plans, specifications and special provisions of the project and by the policies and procedures of the department. Instances that are not in accordance with these rules are referred to the Resident Engineer.

The incumbent has contact with other members of the crew, contractor's personnel, and occasionally with the public. Travel is required.

The effectiveness of this position can be measured by the accuracy and timeliness of the layout provided, the quantity and quality of the inspections performed, and the accuracy and neatness of the documentation submitted.

Principal Accountabilities

1. Provides accurate and efficient measurements and construction staking as a member of the survey crew.
2. Keeps accurate and legible records of inspection field measurements and documentation of contracts.
3. Keeps the Resident Engineer informed on status of and problems with contractor's work.
4. Maintains records as directed by the Resident Engineer.
5. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive 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
- Travel

Position Desirables

- Working knowledge of math to include trigonometry
- Knowledge of roadway construction and reading design plans and specifications
- Working knowledge of route survey and construction layout
- Working knowledge of materials testing and laboratory testing equipment
- Ability to communicate effectively and follow oral and written instruction

Work Hours: 8:00 AM to 4:30 PM Monday-Friday

Work Location: 1102 Eastport Plaza Dr Collinsville, IL 62234-6102

Office: Office of Highways Project Implementation/Region 5/District 8/Project Implementation

Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV

Job Family: Transportation; Sciences and Natural Resources

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