

Job Title: ENGINEERING TECH I - CONSTRUCTION INSPECTOR I - IPR#46463

Agency : Department of Transportation

Closing Date/Time: 04/17/2023

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

Job Type: Salaried Full Time

County: Jackson

Number of Vacancies: 3

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 is accountable for assisting Resident Engineers and Resident Technicians in the inspection, layout and documentation of highway construction projects.

Construction Project Dollar Value:	\$100,000 up
Number of Projects:	1 - 5

This position reports to a Resident Engineer, but based on staffing levels and operational needs may report to a Resident Technician and/or a Senior Resident Engineer. There are no subordinate positions.

This position operates within an environment of ensuring that the contractor provides a quality improvement in a timely fashion according to the plans and specifications. This position assists in the field staking of a project as well as inspection and documentation of the contractor's work.

Typical problems involve enforcement of specifications upon the contractor and working with other crew members in construction staking. The greatest challenge is in providing timely and accurate layouts and inspections so as to not delay the project or require corrective work.

The incumbent will act as a rod-person, instrument person, record keeper, or stake-driver, and will inspect earthwork, drainage, concrete paving, hot mix asphalt (HMA) paving and other related items. Office work may include checking and reducing field survey notes, plotting cross sections, checking plans, and preparing computations. The incumbent may be required to operate electronic survey instruments and input data into computerized spreadsheets and databases.

The incumbent operates under a strict set of policies and rules and has little latitude to deviate from them. The incumbent is guided by federal, state and local laws as well as the plans and specifications of a particular project. All but routine problems must be referred to the Resident Engineer or Resident Technician.

The incumbent has contact with other members of the crew, contractor's personnel and occasionally with the public. This position requires extensive districtwide travel and some statewide, which may include overnight stays, overtime, shift work as required per contractor, and the ability to work in confined spaces, climb steep terrain, wade in water, and deal with poisonous plants, animals, insects, rodents and snakes; and to perform outdoor work in a variety of conditions including, but not limited to, inclement weather (hot, cold, wet, windy, muddy), and active construction sites and roadways open to traffic.

The effectiveness of this position can be measured by the accuracy and timeliness of layouts and inspections of the project.

Principal Accountabilities

1. Keeps accurate and legible records of inspections, field measurements and documentation of contract items.
2. Keeps the Resident Engineer or Resident Technician informed on status and/or problems on contractor's work.
3. Provides accurate and efficient measurements and construction layout as a member of the staking crew.
4. Inspects various items of construction for conformity with the contract.
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
- Extensive districtwide travel and some statewide, which may include overnight stays
- Overtime
- Shift work as required per contractor
- Ability to work in confined spaces, climb steep terrain, wade in water, and deal with poisonous plants, animals, insects, rodents and snakes; and to perform outdoor work in a variety of conditions including, but not limited to, inclement weather (hot, cold, wet, windy, muddy), and active construction sites and roadways open to traffic

Position Desirables

- Ability to communicate effectively and follow oral and written instructions

Work Hours: 7:00 AM - 3:30 PM Monday-Friday (30-minute lunch)

Work Location: 2801 W Murphysboro Rd Carbondale, IL 62901-1059

Office: Office of Highways Project Implementation/Region 5/District 9/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