

Job Title: ENGINEERING TECH I - LABORATORY TECHNICIAN I - IPR#46487

Agency : Department of Transportation

Closing Date/Time: 04/17/2023

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

Job Type: Salaried Full Time

County: Sangamon

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.

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 the quality testing of materials used in the Concrete, Soils, and Metals Section within the department's construction and maintenance program.

Equipment values: \$1,500,000

Material contract value: \$750 million to \$1.5 billion annually (all materials used in construction)

This position reports to the Concrete Laboratory Supervisor. There are no subordinates reporting to this position.

This position operates in an environment responsible for learning methods to maintain a planned production schedule of quality testing according to prescribed standards and how to accurately and safely perform tests, record tests, and maintain equipment in sound workable condition. This position assists other laboratories as the need arises. The incumbent may work on a rotational basis between laboratories.

The greatest challenge for the incumbent is to accurately, safely, and efficiently perform all testing according to prescribed standards and to further her/his knowledge in the field of materials testing.

The source of work performed by the incumbent is from a routine workflow system within the Concrete, Soils, and Metals Section. The work is received with laboratory numbers and test procedures assigned. It is the incumbent's duty to process the samples according to designated procedures and to record the results. Technical training is necessary to make mathematical calculations to obtain test results. In the event that samples are not in compliance with specifications it is the incumbent's duty to notify the Concrete Laboratory Supervisor. The end results of the incumbent's work are in the form of test results.

This position is constrained by applicable departmental, state, and federal guidelines and practices. This position works under the direct supervision of the Concrete Laboratory Supervisor.

The incumbent has frequent contact with Bureau of Materials personnel from other laboratories concerning results of tests and the preparation of samples for testing. S/He has occasional contact with America, Association of State Highway and Transportation Officials (AASHTO) personnel while demonstrating testing methods and techniques. Statewide travel with occasional overnight stays is required of this position.

The effectiveness of this position is measured by the ability of the incumbent to provide reliable test results in a timely and safe manner and maintain laboratory equipment in a workable condition.

Principal Accountabilities

1. Increases his/her ability to perform tests according to designated specifications to assure that a quality product is economically purchased.
2. Accurately, safely, and efficiently performs all testing according to prescribed standards.
3. Records the test results in an accurate and neat manner to ensure an efficient recall of test data
4. Aids in maintaining preparation and testing equipment in sound workable condition assuring that the flow of testing is not unduly interrupted.
5. Aids in maintaining a cordial relationship among all personnel to assure a safe and workable environment.
6. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
7. 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
- Statewide travel with occasional overnight stays
- Physically able to routinely lift 50 pounds and occasionally lift 100 pounds

Position Desirables

- Working knowledge of math, to include trigonometry
- Working knowledge of materials testing and laboratory testing equipment
- Ability to communicate effectively and follow oral and written instructions

Work Hours: 8:00 A.M. - 4:30 P.M. Monday-Friday

Work Location: 126 E Ash St Springfield, IL 62704-4766

Office: Office of Highways Project Implementation/Bureau of Materials

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