

Job Title: ENGINEERING TECH I - LABORATORY TECHNICIAN I - IPR#44950

Agency: Department of Transportation

Closing Date/Time: 04/15/2021

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

Job Type: Salaried Full Time

County: Sangamon

Number of Vacancies: 3

Plan/BU: NR916

DO NOT APPLY ONLINE

****DO NOT CLICK THE APPLY BUTTON****

HOW TO APPLY:

Technical Applications PM1080 (rev 3/8/21) must be received by the Bureau of Personnel Management, Room 113, 2300 South Dirksen Parkway, Springfield, IL 62764 (Fax# 217/557-3134) or emailed to DOT.CO.BPM.EmploymentApplications@Illinois.gov by the closing date listed above. The previous application form revised 10/16/20 will be accepted until May 8, 2021. The previous application form revised 10/16/20 will be accepted until May 8, 2021. Please visit <https://idot.illinois.gov/about-idot/employment-opportunities/employment/index> to download the Technical Application PM1080.

Please indicate IPR#44950 on the Technical Application PM1080.

Applicants may submit college transcripts for completed coursework.

*This position is subject to a pre-employment physical examination and drug and alcohol testing.

Agency Mission Statement

The Illinois Department of Transportation is seeking to hire Laboratory Technicians.

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.

Employees enjoy excellent benefits, including health, vision and dental insurance; a retirement plan and deferred compensation options; state holidays and other time off; tuition reimbursement; flexible schedules; and pre-tax benefit programs. The department also offers extensive training and career advancement opportunities.

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.

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 American 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 AM to 4:30 PM

Work Location: Springfield - 126 E Ash St

Office: Office of Highways Project Implementation/Region 4/District 6/Project Implementation

Agency Contact: DOT.CO.BPM.EmploymentApplications@Illinois.gov

Job Function: Transportation

Collective Bargaining Agreement language applies to this requisition

We are currently transitioning our application process away from paper process to an electronic application process. This position has not been transitioned please follow the directions below when applying to this position.

Please visit the IDOT website at <http://www.idot.illinois.gov/about-idot/employment-opportunities/employment/index> to obtain the required bid forms and application forms.