

Job Title: ENGINEERING TECH I - CONSTRUCTION TECHNICIAN - IPR#45316

Agency: Department of Transportation
Closing Date/Time: 11/08/2021
Salary: \$2,695 - \$4,735 Monthly
Job Type: Salaried Full Time
County: Effingham
Number of Vacancies: 3
Plan/BU: NR916

Interested applicants must apply for this position on the Work for Illinois website, www.work.illinois.gov. Please direct any questions to the Agency Contact listed below.

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 SuccessFactors. 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 Construction 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 providing engineering assistance to the Resident Engineer in the inspection, layout and documentation of highway construction improvement projects. This position is included in the rotational program for Engineers and Engineering Technicians.

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

This position provides inspection and assists in the layout of construction projects under the direction of the Resident Engineer. The position operates within an environment of ensuring that the contractor provides a quality improvement in accordance with plans, specifications and special provisions in a timely manner.

The position may be enrolled in a rotation program and may be assigned to various sections or bureaus in the district. These responsibilities may involve performing various assigned duties within their section or the sections of Programming, Studies and Plans, Project Support, Land Acquisition, Construction, Materials, Local Roads, Maintenance, Bridges, and Traffic.

Typical problems will be in following the specification to ensure accurate inspection and working with other crew members in construction staking.

The incumbent will personally act as a rod-man or chain-man for necessary survey work, inspects

earthwork, drainage, concrete paving, bituminous resurfacing and other related items. The incumbent will also check and reduce field notes, plots cross section, make field measurements, computations and reports necessary.

The incumbent is constrained by the plans, specifications, and special provisions of the project and by the policies and procedures of the Bureau of Construction. 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 inspections performed and the accuracy and neatness of reports.

Principal Accountabilities

1. Keeps accurate and legible record of inspection, field measurements and documentation of contract.
2. Keeps the Resident Engineer informed on status and/or problems of contractor's work.
3. Provides accurate measurements on surveys for construction layout.
4. Performs duties in compliance with departmental safety rules.
5. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.

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

- Ability to communicate effectively and follow oral and written instructions
- Basic skill in the use of engineering field and office instruments
- Working knowledge of math to include trigonometry
- Working knowledge of reading design plans and specifications

Work Hours: 7:00 AM - 3:30 PM Monday-Friday

Work Location: 400 W Wabash Ave Effingham, IL 62401-2670

Office: Office of Highways Project Implementation/Region 4/District 7/Project Implementation

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

Job Function: 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 work.Illinois.gov homepage in the blue ribbon.

Non-State employees should log in on the using the "View Profile" link in the top right of the work.Illinois.gov 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[KS(1)] and review the Internal Candidate Application Job Aid HERE[KS(2)]

Non-State employees: on work.Illinois.gov – click “Application Procedures” in the footer of every page of the website.