

# Job Title: ENGINEERING TECH I - CONSTRUCTION TECHNICIAN - IPR#44923

Agency: Department of Transportation

Closing Date/Time: 04/15/2021

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

Job Type: Salaried Full Time

County: Effingham

Number of Vacancies: 2

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#44923 on the Technical Application PM1080.**

**Applicants may submit college transcripts for completed coursework.**

## **Agency Mission Statement**

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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**

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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.

The effectiveness of this position can be measured by the inspections performed and the accuracy and neatness of reports.

### **Principal Accountabilities:**

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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.
6. Performs other duties as assigned.

### **Qualifications**

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#### ***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

#### ***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 to 3:30 PM Monday - Friday

Work Location: Effingham - 400 W Wabash Ave

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