

Job Title: ENGINEERING TECH I - JUNIOR CONSTRUCTION INSPECTION TECHNICIAN - IPR#44932

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: 5

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#44932 on the Technical Application PM1080.

Applicants may submit college transcripts for completed coursework.

Agency Mission Statement

The Illinois Department of Transportation is seeking to hire Junior Construction Inspection 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 inspection and documentation of highway improvements. This position may be assigned to a rotation program and/or may be assigned to various sections or bureaus in the District during the winter months.

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

This position is involved in the inspection and documentation of all types of construction projects.

These projects include new construction as well as widening and resurfacing projects. The incumbent is involved in all phases of the projects from construction surveying to material inspection and documentation.

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 the

district sections of Programming, Studies and Plans, Project Support, Land Acquisition, Construction, Materials, Local Roads, Maintenance, Bridges, and Traffic.

Typical problems faced by the incumbent are primarily technical in nature but occasionally may require the incumbent to serve as party chief. Technical skills are required for the in-field interpretation of road and highway plans as they relate to the actual in-field situations. These skills are used to compute quantities of materials used and to perform construction surveys and inspections. The greatest challenge of this position is to ensure an accurate on-site inspection and documentation while at the same time maintaining a harmonious relationship with contractor personnel.

The incumbent personally inspects earthwork, hot-mix asphalt resurfacing, Portland cement concrete paving, and bridge construction. This position also works on a survey crew, plots cross sections, performs computations, and performs documentation on assigned projects.

The incumbent operates within the guidelines of the Plans, Special Provisions and Standard Specifications for Road and Bridge Construction. S/He resolves minor construction problems. Other problems are referred to the Resident Engineer or Resident Technician. This position is constrained by departmental regulations.

The incumbent has contact with contractor personnel and occasionally with the public. S/He may be required to travel a considerable distance to the job site and/or stay away overnight.

The effectiveness of this position can be measured by the thoroughness of the inspections performed and the neatness of required documentation.

Principal Accountabilities

1. Ensures an accurate and thorough inspection and documentation of assigned construction projects.
2. Performs construction surveys and inspections.
3. Performs general design or planning work during winter months.
4. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
5. 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
- District-wide travel with occasional overnight stays
- Overtime
- Ability to work outdoors in a variety of conditions including active construction sites

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 Microsoft Excel and Word
- Knowledge of roadway construction and reading design plans and specifications

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

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.