

# Job Title: ENGINEERING TECH IV - RESIDENT TECHNICIAN - IPR#46489

**Agency :** Department of Transportation

**Closing Date/Time:** 06/05/2023

**Salary:** \$4,790 - \$8,775 Monthly

**Job Type:** Salaried Full Time

**County:** Sangamon

**Number of Vacancies:** 6

**Plan/BU:** NR916 - Protech Teamsters

**\*This position is covered by the Revolving Door Prohibition policy.**

**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](http://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 Resident 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.

The department offers extensive training and career advancement opportunities. 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**

The position is accountable for the supervision of all field activities involved in the construction of one or more projects within the district. The position is also responsible for supervising the layout, inspection, and documentation of all projects assigned and for ensuring compliance with the contract plans, specifications, and special provisions. This position may be assigned as crew member for large complex projects.

Staff: Up to 8 Engineers and Technicians  
Contracts value: \$200,000 to \$50 million

This position reports to a Supervising Field Engineer. Reporting to this position are up to eight (8) Engineers and Technicians.

This position is accountable for the supervision of all functions involved in the construction of highway construction projects. Projects may involve numerous contractors and subcontractors who must be monitored for schedules, quality of work and performance. The incumbent's responsibility is to verify that the contractor complies with all provisions of the contract plans, specifications, and special provisions along with the documentation of construction activities and the submission of pay estimates.

A typical problem for the incumbent entails supervising and directing all activities of the construction project to ensure that the safety of the motoring public is not adversely affected and that the project meets the expected departmental quality control standards. Within this framework, the incumbent is to provide technical and supervisory service to ensure that the project is carried out in accordance with sound engineering practices. The greatest challenge for this position revolves around the ability of the incumbent to anticipate construction problems, implement corrective measures and thereby avoiding project cost overruns and/or delays in the construction project.

The incumbent provides guidance in the form of surveying and inspection; assists contractors by suggesting technical solutions; ensures contract compliance by inspections and project monitoring; trains construction engineers and technicians in departmental policies and sound engineering practices; and maintains effective communications with the contractor, job superintendent, staff, local property owners, and public officials. The incumbent also anticipates and/or resolves complaints and project design problems, monitors and maintains project records, coordinates work by utility companies, and monitors job safety and traffic control. The incumbent is also responsible for directing and overseeing the layout and staking, assigning personnel and equipment, performing public relations, implementing plan changes, and handling unexpected construction problems.

### **(Job Responsibilities continued)**

The incumbent accomplishes the accountabilities through the following staff: up to eight engineers and technicians who perform layout work, inspection, material testing, and documentation of construction activities.

The incumbent has wide latitude in supervising the project. However, design changes, personnel problems and major construction issues are referred to the Supervising Field Engineer for assistance. The position is governed by the Standard Specifications for Road and Bridge Construction, Construction Manual, Construction Memorandums, specific contract documents and all other applicable departmental policies.

Frequent internal contacts include all district bureaus, the central Bureaus of Construction and Bridges and Structures. Significant outside contacts include contractors, property owners, utility companies, local governmental officials and the news media. Travel occurs throughout assigned construction sites daily. This position may require overtime, nightwork and overnight travel.

The performance of the incumbent is measured by the ability to supervise construction projects and to motivate the contractor in such a manner as to maintain costs and schedules while minimizing adverse effects to the traveling public and local property owners.

### **Principal Accountabilities**

1. Ensures construction projects are built according to contract plans, specifications, special provisions, and department policies.
2. Ensures adequate supervision and inspection are provided on assigned construction projects.
3. Resolves complaints from private citizens and local governmental agencies regarding project inconveniences.
4. Ensures proper traffic controls are utilized by contractors to assure maximum safety for the traveling public.
5. Ensures accurate inspection and documentation are completed to facilitate timely acceptance of the assigned construction projects.
6. Ensures that staff performs duties in accordance with the departmental safety rules, practices and programs. 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 PLUS five years of engineering experience; OR
  - Seven years of engineering experience
- Two years of experience using the Construction & Materials Management System (CMMS) maintaining construction records.
- Valid driver's license
- Statewide travel which may include overnight stays
- Overtime/Nightwork

#### **Position Desirables**

- Strong knowledge of the principles and practices of civil engineering as related to construction
- Ability to supervise, train, and motivate other engineers and technicians
- Strong oral and/or written communication skills

**Work Hours:** 7:00 am - 3:30 pm Monday-Friday

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

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

**Agency Contact:** DOT.CONTACTHR@ILLINOIS.GOV

**Job Family:** Transportation; Leadership & Management; Public Safety; Science, Technology, Engineering & Mathematics

### **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](http://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](http://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](http://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](mailto:donotreply@SIL-P1.ns2cloud.com)
- [systems@SIL-P1.ns2cloud.com](mailto:systems@SIL-P1.ns2cloud.com)