

Job Title: CIVIL ENGINEER IV - SENIOR RESIDENT ENGINEER - IPR#45593

Agency : Department of Transportation

Closing Date/Time: 09/26/2022

Salary: \$5,920 - \$9,230 Monthly

Job Type: Salaried Full Time

County: Effingham

Number of Vacancies: 2

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 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 Senior Resident Engineers.

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

This position is accountable for the supervision of all field activities involved in the construction of one highly complex project or multiple related projects in a highway district.

Subordinate Personnel: 1-3 Engineers, 4-10 Technicians
Contract Value: \$2 to \$25 Million

This position reports to a Supervising Field Engineer. No subordinates report to this position, however the incumbent supervises engineers, technicians and seasonal staff on a project basis.

This position is accountable for the supervision of all engineering and inspection functions involved in the construction of highway construction projects. These entail highly complex structures involving new technology or engineering design; major projects in urban areas; or a series of interconnected or interrelated sections involving mainline pavements, structures, and interchanges. The position must supervise projects that involve new construction techniques that require a high degree of engineering knowledge and practical experience in construction procedures. Projects involve numerous contractors and subcontractors who must be monitored for schedules, quality of work, and performance. The position's responsibilities include verifying that the contractor complies with all provisions of the contract plans, special provisions, and specifications.

A typical problem for the incumbent entails supervising and directing all activities of a complex construction project while ensuring that the safety of the motoring public is not adversely affected and that the project meets the expected quality control standards. The greatest challenge for this position entails the ability of the incumbent to anticipate construction problems, implement corrective measures, and thereby avoid project cost overruns and/or delays in the construction project.

The incumbent provides engineering guidance in the form of surveying and inspection; develops and approves new construction techniques, assists contractors by suggesting technical solutions; assures contract compliance by inspection and project monitoring; trains entry level engineers in departmental policies and sound engineering practices; and maintains effective communication with the contractor, job superintendent, subordinate personnel, local property owners and public officials. The incumbent also anticipates and resolves complaints and project design problems, monitors and maintains project records, coordinates work by utility companies, monitors job safety and traffic control, and coordinates multi-job projects to assure scheduling and to resolve differences between the various contractors. The incumbent is also responsible for directing and overseeing the layout and staking, handling drainage complaints, assigning personnel and equipment, performing public relations, taking care of plan changes, and handling unexpected construction problems.

(Job Responsibilities continued)

The incumbent accomplishes accountabilities through the following staff: one to three Engineers and four to ten Technicians and their subordinates who perform layout, work inspection and testing, computations, and report preparation.

The incumbent has wide latitude in supervising the project; however, design changes, personnel problems, and major construction problems are referred to the Supervising Field Engineer for assistance. The incumbent is governed by the Standard Specifications for Road & Bridge Construction, Construction Field Manuals, Construction Memorandums, specific contract documents and district and Illinois Department of Transportation policies.

Frequent contacts within the department include all district bureaus, the central Bureau of Construction and the central Bureau of 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.

The performance of the incumbent is measured by the ability to supervise highly complex 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. Provides adequate engineering supervision to contractors involved in highly complex construction projects.
2. Provides engineering solutions to design problems and unique conditions involving new construction techniques.
3. Maintains adequate project records and coordinates multi-job projects so that they adhere to schedules.
4. Resolves complaints from private citizens, and local government agencies regarding project inconveniences.
5. Assures usage of proper safety and traffic control by contractors.

6. Provides and maintains a safe work environment for subordinate personnel.
7. Trains, motivates, and evaluates subordinate personnel.
8. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
9. Performs all other duties as assigned.

Qualifications

Position Requirements

- Current registration as a Licensed Professional Engineer in the state of Illinois
- Four years of experience in civil engineering
- Valid driver's license
- Districtwide travel

Position Desirables

- Thorough knowledge of the principles and practices of civil engineering
- Thorough knowledge of modern methods and techniques as applied to the design, construction, and maintenance of public works
- Skill in the construction of highways, streets and structures and have complete engineering knowledge of plans and specifications for construction projects
- Ability to supervise the work of other engineers and technicians
- Ability to perform difficult technical research and make comprehensive recommendations on engineering problems
- Good oral and written communication skills

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 Family: 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 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 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 – 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
- systems@SIL-P1.ns2cloud.com