

Job Title: CIVIL ENGINEER V - HIGHWAY POLICY ENGINEER - IPR#45692

Agency : Department of Transportation

Closing Date/Time: 01/24/2023

Salary: \$6,445 - \$10,210 Monthly

Job Type: Salaried Full Time

County: Sangamon

Number of Vacancies: 1

Plan/BU: NR916 - Protech Teamsters

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 a Highway Policy Engineer.

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 development and implementation of the engineering policies which govern structural pavement design and pavement rehabilitation. This position also coordinates with the Bureau of Safety Programs and Engineering (BSPE) on the development and implementation of the engineering policies which

govern roadside safety. Implementation of policy is accomplished through revisions of the Bureau of Design and Environment (BDE) Manual and by teaching the Roadside Safety and Pavement Design program development classes.

Policies developed:	10-25 annually
Policies interpreted:	50-75 annually
Meetings/presentations:	50-75 annually
Pavement designs reviewed:	25-50 annually
Training classes provided:	2-6 annually

This position reports to the Engineering Policy Unit Chief. There are no subordinates reporting to this position.

The engineering policies and procedures developed within the Engineering Policy Unit express the official position of the department with regard to roadway planning and design. These policies are used by the district offices and their consulting engineers in the preparation of phase I studies and construction plans for all highway projects on the state highway system. These policies also directly affect the cost effectiveness, safety, and functional life-span of these highway projects. The incumbent acts as secretary for the Pavement Selection Committee. The Pavement Selection Committee is convened to determine a project's pavement type when the life cycle cost analysis does not provide a definitive choice.

Typical problems in this position involve developing clear and concise policies and procedures, resolving policy implementation problems with the districts, and providing policy interpretations. The greatest challenge in this position is keeping policies current with the latest national guidance/available research and disseminating that knowledge throughout the department.

The incumbent is responsible for the development and implementation of the engineering policies which govern structural pavement design and pavement rehabilitation. S/He coordinates with the BSPE on the development and implementation of the engineering policies which govern roadside safety. The incumbent implements policy through revisions to the BDE Manual and by teaching Pavement Design and Roadside Safety program development classes. S/He makes presentations of policy revisions at various meetings throughout the state. The incumbent acts as secretary for the Pavement Selection Committee.

(Job Responsibilities continued)

The incumbent participates in a bi-annual condition rating survey of the interstate system and then coordinates with the Office of Planning and Programming (OPP) in the preparation of a statewide needs report which is used for pavement rehabilitation planning and programming purposes.

The incumbent is given broad latitude in making policy decisions and handling the problems typically encountered. Complex and/or sensitive decisions are referred to the Engineering Policy Unit Chief for final determination. The incumbent is constrained by departmental, state, and federal policies, rules, and regulations.

The incumbent's internal contacts involve the other central bureaus in the OHPI, district offices, and the OPP. Externally, the incumbent interacts frequently with the Federal Highway Administration (FHWA), other state departments of transportation, research consultants, and industry trade groups. Occasional statewide and out-of-state travel with overnight stays is required.

The effectiveness of this position is measured by the ability of the incumbent to develop clear, concise, and correct policies and procedures in a timely manner. Such policies and procedures will also promote the preparation of phase I studies and construction plans for highway projects which are cost and safety effective.

Principal Accountabilities

1. Develops and implements the engineering policies which govern structural pavement design and pavement rehabilitation.
2. Coordinates with the BSPE on the development and implementation of the engineering policies which govern roadside safety.
3. Maintains an effective liaison with district staff and other central bureaus/offices for the purpose of obtaining policy input, providing policy interpretations, and resolving policy implementation problems.
4. Teaches the Pavement Design and Roadside Safety program development classes.
5. Makes presentations on policy revisions at various meetings throughout the state.
6. Acts as secretary for the Pavement Selection Committee.

7. Participates in a bi-annual condition rating survey of the interstate system and coordinates with the OPP in the preparation of the pavement rehabilitation program.
8. Performs all 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 other duties as assigned.

Qualifications

Position Requirements

- Education/Experience
 - Current registration as a Licensed Professional Engineer in the state of Illinois
 - Five years of experience in civil engineering
- Valid driver's license
- Occasional statewide and out-of-state travel with overnight stays

Position Desirables

- Knowledge of modern methods and techniques applicable to the design, construction, and maintenance of highways
- Strong organizational, presentation/training, and self-motivational skills
- Ability to develop and maintain cooperative relationships with departmental staff
- Strong oral and written communication skills

Work Hours: 8:00 am - 4:30 pm Monday-Friday

Work Location: 2300 S Dirksen Pkwy Springfield, IL 62764-0001

Office: Office of Highways Project Implementation/Bureau of Design and Environment

Agency Contact: DOT.CONTACTHR@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