

Job Title: BITUMINOUS MIXTURES SPECIALIST - (ENGINEERING TECH III)

Agency: Department of Transportation

Position Title: Engineering Technician III

Closing Date/Time: 04/14/2025

Salary: Anticipated Starting Salary: \$4,159 Monthly; Full Range: \$4,159-\$7,187 Monthly

Job Type: Salaried

Category: Full Time

County: Lee

Number of Vacancies: 2

Plan/BU: NR916 Pro Tech 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.

Posting Identification Number REQ#45999 - IPR#47881

Why Work for Illinois?

Working with the State of Illinois is a testament to the values of compassion, equity, and dedication that define our state. Whether you're helping to improve schools, protect our natural resources, or support families in need, you're part of something bigger—something that touches the lives of every person who calls Illinois home.

No matter what state career you're looking for, we offer jobs that fit your life and your schedule—flexible jobs that provide the gold standard of benefits. Our employees can take advantage of various avenues to advance their careers and realize their dreams. Our top-tier benefits and great retirement packages can help you build a rewarding career and lasting future with the State of Illinois.

Position Overview

This position is accountable for quality assurance testing and reporting of hot mix asphalt (HMA) that is incorporated into district construction projects; along with testing of HMA mix or related equipment for district and central office research or parity.

Essential Functions

- Knowledgeable of HMA mix design philosophies, capable of proportioning and analyzing special mixes, and proficient in quality management program requirements.
- Knowledgeable of the operation of approved HMA plants.
- Performs density, extraction and gradation tests on HMA produced in the district and monitors contractor's quality control activities.
- Verifies that all materials used in HMA are from an approved source and comply with State specifications and special provisions.
- Verifies that all HMA mixtures produced comply with specification requirements.
- Performs annual scale check verification, liquid asphalt pump, and drum mixer calibrations with Producers and with assistance from the supervisor.
- Sets priorities to ensure that all required inspections and samples are taken and tested in the required timeline.
- Prepares or reviews all required documents and reports in a timely manner.
- Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
- Performs all other duties as assigned.

Minimum Qualifications

- Two years of college in civil engineering technology, pre-engineering or a job related technical/science curriculum plus thirty months of engineering experience OR six years of engineering/construction/materials experience or related experience.

Preferred Qualifications

- Working knowledge of materials testing and laboratory testing equipment.
- Strong oral and written communication skills.
- Ability to maintain harmonious relationships with a variety of people.

Conditions of Employment

- The conditions of employment listed here are incorporated and related to any of the job duties as listed in the job description.
- Valid driver's license.
- Required to have the minimum QC/QA Classes: Mixture Aggregate Technician (3-day Aggregate) and HMA Level I Technician.
- Ability to obtain certification within one year of appointment in: HMA Level II Technician and either Aggregate Technician (5 day) or Mixture Aggregate Technician Upgrade (Aggregate 2-day upgrade).
- Extensive travel within the district and occasional statewide travel.
- Outdoor work in locations including but not limited to: HMA or Aggregate production facilities, active construction sites and roads open to traffic.
- Must be able to lift 60 lbs.
- Available for overtime work.
- Successful completion of a background screening.
- Successful completion of a pre-employment physical and pre-employment drug and alcohol screening.
- Certain provisions of the revolving door restrictions contained in 5 ILCS 430/5-45 apply to this position. As a result, the employee should be aware that if offered non-State employment during state employment or within one year immediately after ending State employment, the employee shall, prior to accepting any such non-State employment offer, notify the Office of the Executive Inspector General for the Agencies of the Illinois Governor (OEIG) or may be subject to a fine.
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About the Agency

The Illinois Department of Transportation is seeking to hire a Bituminous Mixtures Specialist.

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 in several program areas (flexible time, hybrid scheduling).
- Health, Life, Vision, and Dental Insurance
- Pension Plan
- (12) 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
- Employee Assistance Program and/or mental health resources

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.

Work Hours: 7:00 A.M - 3:30 P.M. Monday-Friday

Work Location: 819 Depot Ave, Dixon, Illinois, 61021

Work Office: Office of Highways Project Implementation/Region 2/District 2/Bureau of Project Implementation

Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV

Posting Group: Transportation; Science, Technology, Engineering & Mathematics

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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](https://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](https://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](https://illinois.jobs2web.com) – click "Application Procedures" in the footer of every page of the website.

Seasonal and temporary workers should use a personal e-mail address when applying for jobs

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