



*Bunny Koehler*

**Engineering Technician III (1 position)  
Geotechnical Technician**

<b>IPR Number:</b>	<b>44441</b>	<b>Union Position:</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Position Number:</b>	<b>PW013-23-54-203-11-02</b>	<b>Shift:</b>	<b>8:00 am – 4:30 pm</b>
<b>Opening Date:</b>			<b>Monday – Friday</b>
<b>Closing Date:</b>		<b>Salary:</b>	<b>\$3,920 – \$6,775*</b>

**Office/Central Bureau/District/Work Address:**

Office of Highways Project Implementation / Bureau of Project Implementation / Region 3 / District 4 / 401 Main Street, Peoria, IL

**Position Purpose:**

This position is responsible for performing laboratory testing of soil samples, reporting results, and preparing drawings for use in soil reports.

**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 thirty months of engineering experience OR
  - Six years of engineering experience.
- Valid driver's license
- District-wide travel
- Physical Requirements
  - Ability to regularly lift 50 pounds and traverse uneven terrain

**Position Desirables:**

- Working knowledge of mathematics.
- Skill in the use of laboratory testing equipment and engineering field and office instruments
- Good oral and/or written communication skills.

**How to Apply/Remarks:**

Technical Applications PM1080 (rev 8/23/19) 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](mailto:DOT.CO.BPM.EmploymentApplications@Illinois.gov) by 4:30 pm on the closing date listed above. Applications will not be accepted after this date and time.

**Agency Contact:** Bureau of Personnel Management, 217/782-5594

To be considered for a permanent position within IDOT, you must either be a US citizen or a non-citizen with permanent work authorization.

Only education/coursework and experience listed within the application will be considered for determining eligibility for this position.

Please be advised that if a high volume of applications is received, the applications may be screened to establish a smaller pool of applicants for interview. The screening will be based on the information contained in the application.

Applicants will be notified in writing to schedule interviews.

\*Individual salary offers are computed based on an applicant's current position and experience level in comparison to the posted title as well as internal equity of staff in the organizational unit.

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
POSITION DESCRIPTION**

<b>DATE:</b>	June 1, 2020	<b>WORKING TITLE:</b>	Geotechnical Technician
<b>POSITION CLASSIFICATION:</b>	Engineering Technician III	<b>OFFICE/BUREAU:</b>	OHPI/Bureau of Project Implementation-Materials Section
<b>POSITION NUMBER:</b>	PW013-23-54-203-11-02	<b>REGION/DISTRICT:</b>	Region 3/ District 4

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***Position Purpose***

This position is responsible for performing laboratory testing of soil samples, reporting results, and preparing drawings for use in soil reports.

***Dimensions***

Subordinate Personnel:	0 to 2 Lab Technicians (Temp.)
Annual Value of Contract:	\$20 to \$45 million
Number of Soil Reports:	7-10 Annually

***Nature and Scope***

This position reports to the Geotechnical Field Supervisor. Reporting to this position are 1 to 2 laboratory technicians during summer and fall construction seasons.

The incumbent is responsible for performing moisture content tests, specific gravity determination, particle size analysis, Atterberg limits and plasticity index, soil classification, moisture-density relationship (Proctor tests), soil strength tests, and lime modification studies on soil samples submitted for testing by soil boring unit or from active construction projects. They must calculate test results using computer programs and prepare reports and graphs for direct input into the project soil report prepared by the Geotechnical Engineer.

The incumbent has considerable latitude in accomplishing responsibilities. Priorities for projects are established by supervisors, however, scheduling of individual testing is responsibility of the incumbent. The incumbent is governed by American Society for the Testing of Materials (ASTM), American Association of State Highway and Transportation Officials (AASHTO), and department testing policies and procedures.

The incumbent accomplishes accountabilities through the following staff:

0 - 2 Temporary Laboratory Technicians who perform soils testing under supervision of incumbent on a situational basis.

The incumbent has internal contacts with the Geotechnical Engineer, the sections of Construction, and Local Roads, and the Central Bureau of Materials. External contacts are with contractors and local agency engineers. This position requires districtwide travel.

The performance of the incumbent can be measured by the accuracy of tests performed and the quality of information included in the soil reports.

**Principal Accountabilities**

1. Performs all tests required for soil classification and lime stabilization.
2. Performs computations, prepare reports, charts, and graphs used in project soil report.
3. Trains and directs subordinate personnel.
4. Develop and maintain complete and accurate test records.
5. Performs other duties as assigned.
6. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.

**Subordinates of this position** (if applicable, list subordinate information in the chart below)

Position Classification	Position Number	Working Title	Authorized Identical
N/A			

**Supervisor of this position**

Immediate Supervisor Position Classification: Engineering Technician IV

Working Title: Geotechnical Field Supervisor

Position Number: PW014-23-54-203-11-01

**Position Requirements**

- Education/Experience
  - Completion of 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 experience.
- Valid driver's license
- District-wide travel
- Physical Requirements
  - Ability to regularly lift 50 pounds and traverse uneven terrain

**Position Desirables**

- Working knowledge of mathematics.
- Skill in the use of laboratory testing equipment and engineering field and office instruments
- Good oral and/or written communication skills.

**Agency Approvals**

  
Bureau Chief of Personnel Management

  
Secretary, Department of Transportation