



**Engineering Internship Program Application**  
Website: [www.ksdot.gov](http://www.ksdot.gov)

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, and Zip:** \_\_\_\_\_

**Phone No:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Anticipated Date of Graduation:** \_\_\_\_\_

**Positions Available for 2024**

Please indicate your 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> choice for all positions.

**Positions Located in Topeka Headquarters & Statewide Districts (Number of Positions Available)**

\_\_\_\_\_ **Traffic Engineering (1)**

Engineering students in Traffic Engineering will obtain experience in all four Sections of the Bureau (Traffic, Traffic Control, Signing). They will conduct traffic studies under the direction/supervision or assisting an Engineer. They will also analyze crash data and draw collision diagrams when necessary. The students receive experience in permanent signing projects as well as reviewing/designing temporary traffic control plans. The students will attend a wide variety of meetings and field reviews that may require overnight lodging.

\_\_\_\_\_ **Road Design - Lawrence (2) Topeka (1)**

The interns will work in the design squads to help prepare road projects for highway construction. The work may include some or all the following: operation of a CADD workstation, assisting in developing engineering drawings and notes, checking horizontal and vertical alignments and other geometric elements, preparing spreadsheets, checking/calculating quantities of bid items for construction letting, and general project document management.

\_\_\_\_\_ **Bridge Design– Topeka (1) and Lawrence (1)**

Bridge Design: The interns will work in a team environment under the supervision of a licensed engineer to help prepare bridge projects for highway construction. The work may include some or all the following: calculating and checking material quantities, detailing bridge plans, checking bridge plans for accuracy (dimensions, etc.), modeling structures in bridge analysis and design software and writing simple software tools using Microsoft applications.

\_\_\_\_\_ **Bridge Inspection-Topeka (1)**

The intern will work in a team environment under the supervision of a licensed engineer to help inspect bridges for deterioration and other damage. The duties may include researching past bridge repair records, field documentation, assisting in preparing of the inspection reports including structural ratings and data management. Overnight travel should be expected, travel expenses will be reimbursed

**Geotechnical Section Topeka (1)**

The intern will mentor under the supervision of Engineering Associates and the Chief Geotechnical Engineer learning drilling and sampling techniques, in-situ soil tests, laboratory testing procedures, rudimentary analysis of field and laboratory data, and eventually performing simple projects under the supervision of an engineer. Up to 30 percent overnight travel may be required with travel and per diem paid.

**Construction & Materials -Regional Material Lab-Shawnee/Kansas City (1)**

Engineering or Material interns will assist in sampling, testing, and evaluating materials that will be used in KDOT construction projects. This position will involve travel to Prestressed Beam Fabrication plants, Precast Concrete Plants, Rebar Fabrication & Coating plants, Steel Bridge Fabrication plants and KDOT construction sites.

**Construction & Materials -Regional Material Lab-Wichita (1)**

Engineering or Material interns will assist in sampling, testing, and evaluating materials that will be used in KDOT construction projects. This position will involve travel to Prestressed Beam Fabrication plants, Precast Concrete Plants, Rebar Fabrication & Coating plants, Steel Bridge Fabrication plants and KDOT construction sites.

**Materials & Research Center - Topeka (1)**

Transportation MRC interns will assist in performing laboratory testing for the Physical Test Group. This testing includes testing on aggregates, concrete, cement, and potentially other materials used at KDOT. The testing is performed inside in laboratory conditions and will be working with Engineering Technicians and Engineers within KDOT. The materials testing data is utilized for the prequalification, verification, official qualities, and other approvals of materials that will be utilized in the Kansas State Highway System. Interns may also move around the lab and experience working in other groups with Chemistry and Data Management depending on workload and time.

**Transportation Safety (2) Topeka or Lawrence**

The Bureau of Transportation Safety offers planning and engineering interns to work on a wide range of studies and systems-planning efforts aimed at reducing death and serious injury on public roads in Kansas. The interns will have an opportunity to be exposed to data analysis, GIS analysis, behavioral safety concepts, systems planning and engineering, implementation planning, and legislation/policy. KDOT staff will develop an internship curriculum tailored to the student’s career goals in planning and general interests (to the extent possible). The intern may be placed in either the Topeka or Lawrence office.

**Field Construction      # Of Positions      Job Description**

**District One**

_____ Olathe	2	Working on a bridge repair/replacement project or an asphalt paving project in Johnson County. Position will be assisting with processing and performing tests, taking tickets, monitoring contract item quantities, and other inspection work
_____ Bonner Springs	1	Working on a bridge repair project, bridge replacement project, an asphalt paving project, or pavement replacement project in Wyandotte, Leavenworth, or Jefferson counties. The position will assist an engineer/technician with a variety of project inspection of contractor’s work, construction operations, and materials for compliance with project plans, specifications, special provisions, and other contract documents.
_____ Wamego	2	Working on a highway realignment project of K-99 south of Wamego and a bridge replacement project on US-77 south of Randolph. Position will be assisting with the inspection of contractor’s work in accordance with contract documents and specifications, as well as performing tests, monitoring contract item quantities and other inspection work.

_____ Topeka	1	Assist with inspection of several bridge repair projects in the Topeka area. Position will be assisting with processing and performing tests, taking tickets, monitoring contract item quantities & spread rates and other inspection work on these projects.
_____ Emporia	1	Assist with inspection of several bridge repair projects and roadway seal projects in the Emporia area. Position will be assisting with processing and performing tests, taking tickets, monitoring contract item quantities & spread rates and other inspection work on these projects.
_____ Horton	1	Assist an engineer/technician with the inspection and testing of materials and construction operations for compliance with plans and specifications on US-75 highway passing lane projects in Brown and Jackson County. The project scope includes grading, surfacing, seeding, signing and pavement marking. Construction work will include asphalt milling, overlay and new paving, road embankment grading and compaction, and removing/replacing existing concrete structures.
<b>District Two</b>		
_____ Salina	1	Assist in inspection of I-70 bridge removal and new replacement, milling and asphalt paving, and traffic control. Position will be assisting with processing and performing tests, receiving material delivery tickets, monitoring contract item quantities, monitoring application spread rates, and other inspection duties on construction projects.
_____ Concordia	1	Assist in inspection of K-14 and K-9 milling and asphalt paving projects including traffic control, edge wedge and pavement marking as well as a hot in place recycle project on US-81 including chip seal and traffic control. Position will be assisting with processing and performing tests, receiving material delivery tickets, monitoring contract item quantities, monitoring application spread rates, and other inspection duties on construction projects.
_____ Junction City	2	Assist with inspection of I-70 concrete pavement reconstruction, bridge repair, storm water pipe replacement, erosion control, and traffic control. Position will be assisting with processing and performing tests, receiving material delivery tickets, monitoring contract item quantities, monitoring application spread rates, and other inspection duties on construction projects.
_____ Marion	1	Assist in inspection of I-135 bridge removal and new replacement, bridge repair, asphalt paving and overlay, and traffic control. Position will be assisting with processing and performing tests, receiving material delivery tickets, monitoring contract item quantities, monitoring application spread rates, and other inspection duties on construction projects.
<b>District Three</b>		
_____ Hays	1	Assist an engineer/technician with the inspection of materials and construction operations to ensure compliance with plans and specifications. This will require some understanding of the plans and specifications.
_____ Phillipsburg	1	
_____ Oakley	1	
_____ Atwood	1	

**District Four**

_____ Pittsburg	1	Job duties will be general construction inspection and materials testing on road and bridge projects. Other duties such as performing calculations, design, drafting, reporting, etc., may be assigned depending upon the person's experience and capabilities
_____ Garnett	1	
_____ Iola	1	
_____ Independence	1	

**District Five**

_____ Wichita	2	Will assist with the inspection of bridge repairs, new bridge construction, concrete paving, asphalt overlay, major interchange reconstruction North I-135/K-96 junction, surveying, and or development of contract repairs. Nightwork maybe required on some projects
_____ Winfield	1	
_____ Great Bend	1	Asphalt Overlay construction projects, bridge repair and replacement projects, plus other duties such as performing calculations, design, drafting, reporting, etc., may be assigned depending upon the person's experience and capabilities.
_____ Pratt	1	Asphalt Overlay construction projects and Major highway expansion project that will involve bridge, earthwork, structure, asphalt, traffic control, stormwater inspection, as well as other construction inspection related items such as surveying and material testing.
		Will assist on an Asphalt Overlay and Passing Lane Extension project. Work would include hot mix asphalt inspection, earthwork, and base stabilization inspection, as well as pipe and RCB inspection. There will be Bridge Repair projects, as well as a Bridge Replacement project to be inspected. There will also be two projects involving Portland Cement Concrete Pavement construction. Included on these are earthwork, base, PCCP and bridge repair inspection.

**District Six**

_____ Garden City	1	Job duties will be general construction inspection and materials testing on road and bridge projects. Other duties such as performing calculations, design, drafting, reporting, etc., may be assigned depending upon the person's experience and capabilities
_____ Syracuse	1	
_____ Liberal	1	
_____ Dodge City	1	

Do you have relatives working at KDOT?

If so, whom \_\_\_\_\_  
location \_\_\_\_\_

All applicants must be at least 18 years of age by their first date of employment.

Are you at least 18 years old or will be 18 years old by your first date of employment?  Yes  No

I affirm that the facts set forth above in my application for the Engineering Internship Program are true, correct, and complete to the best of my knowledge. I understand that I may be required to submit information not requested on this application form, that the employing agency may verify any information provided by me in the application and selection process, and that incomplete information or omission of my signature is just cause for rejection of my application.

In the event I am selected, I also understand that any omission of information or erroneous information provided in any part of the application and selection process would be cause for discharge.

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

**Please make certain that you return the following:**

- 1. Application**
- 2. Certification of Enrollment in an Engineering Program**
- 3. Resume**
- 4. Transcript (can be an unofficial copy)**

**Scan and return to the following email address:**

**Dayton Bossard – Recruitment Lead**  
[kdot.hq.jobapps@ks.gov](mailto:kdot.hq.jobapps@ks.gov)

If you have questions, please contact Dayton Bossard - 785-296-0293



## Certification of Enrollment in an ABET Accredited Engineering Program

This notice will serve as certification that \_\_\_\_\_ is currently enrolled in the  
(Name of Student)

Engineering Program at \_\_\_\_\_  
(Name of School)

In the Fall 2023 semester, this student will be entering their:

Sophomore Year       Junior Year       Senior Year

\_\_\_\_\_  
(Student Signature) (Date)

\_\_\_\_\_  
(Engineering Dept. Chairman's Signature) (Date)

***This form must be completed and returned with the Kansas Department of Transportation Employment Application.***