

TDOT Summer Internship Program

Spring 2020





We offer internships in the areas of:

- Civil Engineering
- Project Management
- Urban Planning
- Training
- Environment
- Local Programs
- Aeronautics
- Civil Rights

Program Highlights

- Hands-on experience with real-world projects
- Networking opportunities with TDOT leadership
- Community Outreach & Social Gatherings
- 90+ positions across the state of Tennessee. Locations include Chattanooga, Memphis, Knoxville & Nashville
- All interns paid an hourly rate of \$12.50
- Internship runs from May to August each year
- Applications available from January 13 until March 31

To Qualify:

- Rising Junior or Senior in an undergraduate program
- Recent graduate as of Spring 2019
- Authorized to work in the U.S.



About TDOT

The Department of Transportation provides citizens of Tennessee and travelers with one of the best transportation systems in the country. TDOT consistently wins awards for its projects, highway design and innovative approach to transportation. Since 1998, Tennessee was voted as having one of the top five highway systems in the country by a national trade magazine.

To learn more about the TDOT Summer Internship program, visit our career page by the scanning the QR code below:

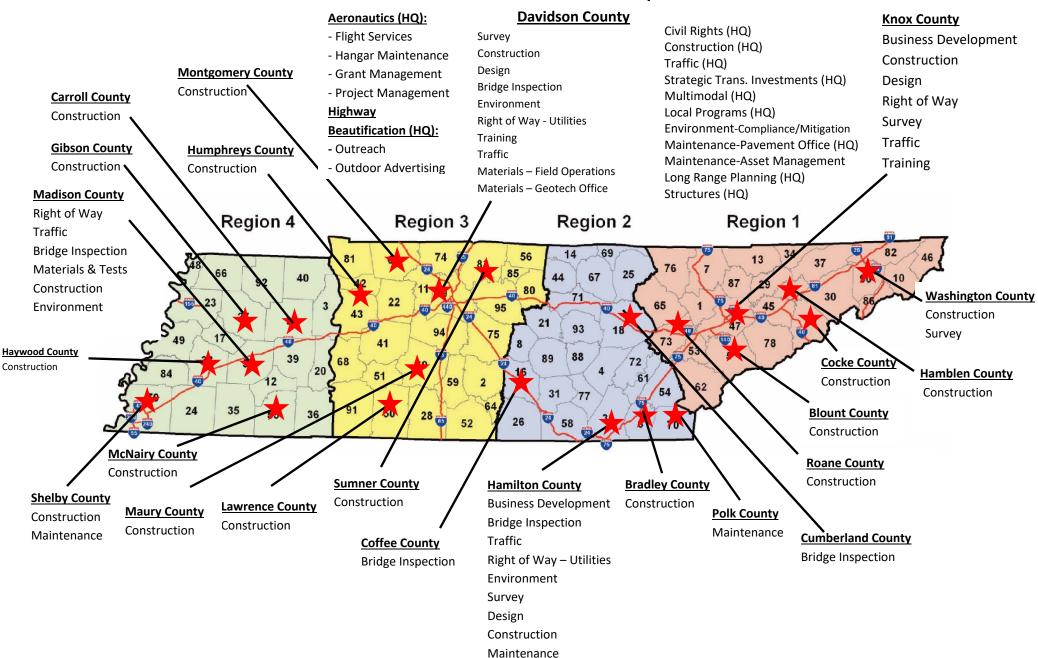


https://www.tn.gov/tdot/humanresources-home/tdotcareers.html

Questions? Email TDOT.Careers@tn.gov



Summer 2020 - Available Internships



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The Department of
Transportation has close to
4,000 employees statewide
with regional facilities in
Knoxville, Chattanooga,
Nashville and Jackson. TDOT's
headquarters is located in
downtown Nashville.

What the Aeronautics Division does:

The Aeronautics Division supports, promotes and delivers services that encourage and enhance a sustainable, efficient and safe air transportation system in Tennessee. The division provides financial and technical assistance to publicly owned airport operators for the planning, development, promotion, construction and operation of public use airports throughout the state. The division is also responsible for annual airport safety and maintenance inspections, maintaining a statewide airport system plan, promoting aviation education throughout the state and providing flight services to all branches of state government.

For more information on this division, please see link below: https://www.tn.gov/tdo t/aeronautics.html



TDOT Intern

Aeronautics Division – Grant Management/Compliance Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Aeronautics Division's Grant Management/Airport Compliance office located in Nashville, TN. This intern will take an active role in Airport inspections, Technical review of Airport Layout Plans and Airport Master Plans using FAA guidance, State Aviation System Plan, Inventory of airport zoning regulations. In addition, this intern will learn about the importance of airports to communities, how planning and environmental documents are incorporated into airport projects, and imaginary airspace surfaces of airports.

Responsibilities

- Complete assigned State Aviation System Plan tasks
- Assist with program documentation review.
- Gather zoning regulations from Airport Sponsors
- Assist TDOT staff in conducting safety and infrastructure inspections of airports.

Minimum Qualifications

- · Aerospace, Urban Planning, Transportation Planning, or Environmental major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Attention to detail and an interest in aviation planning preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

Please attach a two (2) page maximum résumé and a transcript to your application.

<u>Selected candidates will be required to provide two letters of reference (professional, or personal).</u>

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For more information on this division, please see link below:
https://www.tp.gov/tdot/a

https://www.tn.gov/tdot/a eronautics.html



TDOT Pilot Intern

Aeronautics Division – Flight Services Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Aeronautics Division's Flight Services office, located in Nashville, TN. The pilot intern will be fully integrated into flight operations as a secondary pilot in command. The pilot intern will also perform flight planning and the preflight and oral flight execution responsibilities on TDOT Flight Services passenger and aerial photography flights. The pilot intern will work with a TDOT pilots, aircraft maintenance personnel and the flight scheduler to understand flight operations beyond a school setting.

Responsibilities

- Assist assigned TDOT Pilot in Command in flight planning.
- Receive aircraft specific training from the training officer.
- Preflight and operate TDOT aircraft.
- Monitor flights with the flight scheduler.
- Perform various administrative duties as required.
- Stock and clean aircraft.

Minimum Qualifications

- Major in Aerospace Professional Pilot required.
- Junior or Senior Class Status required as of May 2020.
- Single engine and multi engine ratings preferred.
- Legally authorized to work in the U.S.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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For more information on this division, please see link below: https://www.tn.gov/t

dot/aeronautics.html



TDOT Aeronautics Intern

Aeronautics Division - Hangar Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Aeronautics Division's Hangar, located in Nashville, TN. This intern will take an active role in aircraft inspections and repairs. The intern will also participate in component repairs, fabrication and other maintenance requirements. This intern will also be involved in the maintenance and operational aspects related to the daily operations of TDOT aircraft. Overall, the aeronautics hangar intern will gain hands-on experience in proper maintenance procedures, fleet maintenance planning, coordination with flight crew and interaction with vendors and outside agencies.

Responsibilities

- Assist with aircraft inspections and repairs.
- Assist in fleet maintenance planning.
- Prepare aircraft for flight.
- Launch and recover aircraft.
- Position aircraft for passenger loading.
- Participate in component repairs, fabrication and other maintenance requirements.
- Perform other related duties as assigned by the intern supervisor.

Minimum Qualifications

- Major in Aerospace- Maintenance Management
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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For more information on this division, please see link below: https://www.tn.gov/tdo t/aeronautics.html



Civil Engineering Intern

Aeronautics Division – Project Management Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Aeronautics Division's Project Management/Environmental Compliance office located in Nashville, TN. This intern will take an active role in assisting the project manager with final project close-out documentation for the Airfield Pavement and Marking Maintenance contract, average professional services and construction cost analysis, and organization of the Aeronautics Division's document management website. This intern will why learn engineering and construction documentation matters, how to execute an ACIP or ALP plan into actual construction projects, and about capital improvement development and workflow.

Responsibilities

- Assist the Project Manager with selecting airfields in West Tennessee to inspect.
- Conduct document management and organization in the Aeronautics Division's FileNet website.
- Review engineering plans for airport construction projects.
- Assist the Project manager in the review of funding requests.
- Attend Airport construction site visits and Project planning meetings.

Minimum Qualifications

- Civil engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Strong communication skills and an interest in aviation preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What we do:

The Civil Rights Division is responsible for the administration of both state and federal programs of nondiscrimination that includes Title VI, Affirmative **Action and Small Business** Development. Each program monitors all activities for compliance and provides training and onsite technical assistance. Additionally, the division is responsible for developing and implementing TDOT's internal and external affirmative action plans and investigating complaints of alleged discrimination, including sexual harassment. The division also administers the federally mandated **Disadvantaged Business** Enterprise (DBE) Program.

For more information on this division, please see link below:

<u>https://www.tn.gov/tdot/ci</u> vil-rights.htmll



TDOT Intern

Headquarters Civil Rights Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Headquarters Civil Rights Division located in downtown Nashville, TN. The Civil Rights interns will work with TDOT staff on the National Transpiration Institute Program (NSTI) for high school participants. These interns will also assist in the development of self-assessments for the Affirmative Action/Equal Employment Opportunity program. Lastly, the civil rights interns will be involved in reviewing documents and assisting TDOT staff in developing questions for surveys to the small business Disadvantaged Business Enterprise (DBE) participants.

Responsibilities

- Review weekly program outline to establish daily activities.
- Review documents with key personnel to understand the workload.
- Assist with divisional document management.
- Assist with the setup for Civil Rights events at Headquarters and the Region 3 facility.

Minimum Qualifications

- Business Administration, Political Science, Business Entrepreneurship, Psychology, or Sociology major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Proficiency in Microsoft Excel, Word, and PowerPoint preferred.

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What we do:

The Local Programs
Development Office assists
local governments with
administering state and
federal aid projects. Types
of projects administered in
Local Programs include
projects such as roadway
resurfacing, greenways,
signalization of
intersections, and bridge
replacements. These
projects must follow the
Local Government
Guidelines Manual.

For more information on this division, please see link below:

https://www.tn.gov/tdot/program-development-and-administration-home.html



TDOT Intern

Local Programs Office Location: Nashville, TN Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Local Programs Office, located in Downtown Nashville. Local Programs is currently administering approximately 580 locally managed grant projects. This intern will assist with the administering of select grant projects which will be in various stages of project development (from awarding a grant project to construction completion) in order to get a well-rounded experience of TDOT's transportation project delivery process.

Responsibilities

- Learn to perform monitoring and analysis of procedural and regulatory requirements for complex transportation projects including funding opportunities available to cities and counties, interpreting transportation legislation and the effects it has on programs and projects, and the project development and construction processes.
- Learn and apply project management, client relations, and time management skills.
- Draft documents to be issued to local governments.
- Respond to emails and phone calls from project stakeholders, research current programs and projects, shadow Local Programs staff and learn about their roles within the office.
- Visit project sites and participate in meetings with local agency officials, engineering firms, and TDOT staff. Same day travel might be required for some of these meetings.
- Attend meetings with internal and external stakeholders such as elected officials including mayors, county highway supervisors, and Legislators, private engineering firm representatives, rural and urban planners, federal highway officials, and others in the transportation field across the State of Tennessee.

Minimum Qualifications

- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Organization skill and attention to detail preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Traffic Office is responsible for monitoring and reporting on Tennessee's transportation system, overseeing the Traffic Management Center (TMC), preparing traffic signal, roadway lighting, and roadway signage designs, and performing traffic engineering studies (including traffic simulation and analysis).

For more information on this division, please see link below:

https://www.tn.gov/tdo t/traffic-operationsdivision/traffic-



Civil Engineering Intern

Traffic Operations Office - ITS Location: Nashville, TN Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Traffic Operations Office, located in Downtown Nashville, TN. These interns shadow staff working in each section, including the ITS Design, ITS Deployment, Traffic Engineering, and Traffic Management groups. The traffic interns will be exposed to the breadth of what we do in Traffic Operations from planning to project development to construction management to operations. All the phases of TDOT project's will be discussed throughout the program. The traffic interns will also be introduced to the concept of TSMO (Traffic System Management and Operations) which is a holistic approach to planning, design, construction, and operations.

Responsibilities

- Assist in updating ITS project time line, review signal and lighting design, perform traffic modeling, review sign installation work orders and driveway permits.
- Perform interrupted and uninterrupted flow analysis.
- Use Microstation, Geopak and additional signal and lighting design software to create conceptual design/drawings.
- Assist staff with tasks related to the following projects: I-24 Smart Corridor Project, Signal Projects from the Traffic Operations Grant Program, Traffic Operations Performance Measures Report, and Traffic Operations Program Plan/ITS Strategic Plan Development

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with Traffic Engineering concepts and CADD software experience preferred.

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What the Strategic Transportation Investments Division does:

The Strategic Transportation **Investments Division provides** strategic support for projects that address safety, congestion and economic development needs across the state. This includes Expedited Project Delivery (EPD) whose goal is to address the immediate issues on the highway system and propose the proper solution. The Division will also conduct operational analysis of nonhighway transportation projects as they impact the highway system.

For more information on this division, please see link below: https://www.tn.gov/content/tn/tdot/strategic-transportation-investments.html



Civil Engineering Intern

Strategic Transportation Investments Division Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Strategic Transportation Investments Division located in Downtown Nashville. These interns will develop preliminary engineering layouts and cost estimates for projects under development. In, addition these interns will develop all necessary location maps, analyze existing and projected traffic volumes in order to determine if proposed improvements are justified, and prepare any written documents that are necessary for assigned projects. A strong balance of engineering and coordination skills will be acquired throughout the internship with the Strategic Transportations Investments Division.

Responsibilities

- Roadway Safety Audits: Recommends safety improvements varying from simply low-cost signing and striping improvements, intersection realignments, and additional counter measures in order to improve the safety of the facility. This also includes collaborating with regional staff to determine the best recommendation for projects.
- Bridge TIR: Report involves developing proposed structure alignment, grade, and traffic control during construction as well as any impacts to R.O.W. and utilities within the construction area.
- Investigates various improvements while providing justification for any recommended roadway projects.
- Attend all necessary regional team meetings pertaining to assigned projects.

Minimum Qualifications

- Civil Engineering Major
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with Microstation/AutoCAD, Syncro, and ArcMap software's preferred.
- Familiarity with foundational transportation engineering concepts.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Construction Division is responsible for the Operations Contract Administration functions for the Department and manages the specifications, policies, and procedures for construction field offices across the state. In addition, the Construction Division spearheads innovative initiatives such as new construction methods, econstruction, and alternative contracting.

For more information on this division, please see link below:

https://www.tn.gov/tdo t/tdot-constructiondivision.html



Civil Engineering Intern

Construction Division Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the Construction Division located in downtown Nashville. This intern will learn about the "letting" procedure and practices, develop and analyze schedules, and develop and/or improve upon communication, engineering judgment, and deductive reasoning abilities.

Responsibilities

- Maintain Letting Spreadsheet for Division for June through August Lettings.
- Analyze Local Program bid books and bids and provide findings/recommendations for concurrences.
- Analyze and participate in schedule reviews.
- Review accuracy of estimate files and review letting plans for completion.
- Assist in reviewing invoices.

Minimum Qualifications

- Civil Engineering major required
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Strong communication skills, familiarity with Microsoft Office, and an interest in Construction Administration preferred.

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What the Division does:

The Maintenance Division is responsible for the administration of several statewide programs to ensure the state roadway network and highway assets are maintained at a high level using cost effective measures. Specific responsibilities include: establishing standard operating maintenance procedures and policies, winter maintenance operations, development of an annual roadway maintenance budget, emergency management planning, pavement management, interagency and city maintenance agreements, development of roadway maintenance contracts and facility maintenance.

For more information on this division, please see link below:

https://www.tn.gov/tdot/ maintenance.html



Civil Engineering Intern

Headquarters Maintenance – Pavement Office Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern studying Civil Engineering to work in the Headquarters Maintenance Division's Pavement Office located in downtown Nashville, TN. This intern will assist with Quality Assurance by conducting field reviews of proposed paving projects and conduct field reviews of completed projects to ensure compliance with standards. In addition, the pavement intern will review construction history/archived plans and enter data into historical databases. While reviewing construction record the Pavement intern will identify missing/questionable construction records in the database within limits of projected resurfacing projects.

Responsibilities

- Review history construction/design plans.
- Entering data for TDOT pavement management system
- Assist with the project development process as assigned by the Supervisor.
- Review construction files in office.
- Plan and conduct pavement field reviews of ongoing, completed and proposed projects.

Qualifications

- Civil Engineering Major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with Microsoft Office and strong Communication skills preferred.

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What the Division does:

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For more information on this division, please see link below:

https://www.tn.gov/tdot/ maintenance.html



Civil Engineering Intern

Headquarters Maintenance – Asset Management Office Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern studying Civil Engineering to work in the Headquarters Maintenance Division's Asset management Office located in downtown Nashville, TN. This intern will assist TDOT engineers in this office and will 1) Develop an understanding of asset management principles and practices; 2) Develop basic competencies in utilizing GIS databases and GIS maps to produce desired reporting needs; 3) Develop an understanding of developing routine maintenance budgets and monitoring in-house work expenditures; 4) Develop an understanding of the FHWA Emergency Relief Program major steps required for state DOT's to obtain reimbursement after a disaster occurs.

Responsibilities

- Review MMS Daily Work Order (DWR) costing, accomplishments, etc.
- Review MMS average daily production rates, work requests, scheduling, average unit prices, and Activity Standards.
- Review guardrail specifications, ADA ramps, Pipe Culvert Inventory Pilot Data
- Conduct Quality Assurance of Asset Inventory Geodatabase and MMS Database to improve data accuracy.
- Review disaster Detailed Assessment Forms (DAF's) and Final Cost Data related to state network damage inflicted by February 2019 flooding.

Minimum Qualifications

- Civil Engineering Major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with Microsoft Office and strong communication skills preferred.

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What the Structures Division does:

The Structures Division is responsible for designing and developing plans and specifications relating to all highway structures and for the inspection of all bridges in Tennessee. Key responsibilities include design of foundation conditions, tolerances and complex geometry; the design of major or unusual structures; resolution of hydrology and hydraulic problems; coordination of Geological Survey services; processing of federal disaster assistance, hydraulic studies involving legal action; scour studies: inspection of prefabrication plants, welding procedure review; on-site erection supervision; design and development of contract plans specifications; development of automated structural detailing systems; and bridge inspection.

For more information on this division, please see link below: https://www.tn.gov/tdot/structures-.html



Civil Engineering Intern

Structures Division Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Structures Division – Asset Management office, located in Downtown Nashville. The structures interns will be exposed to projects including: 1) the structural evaluation and analysis of existing drainage structures and span bridges to determine the current structural capacity and 2) the structural analysis of bridges along a specific route for overweight truck permits. In addition, these interns will also review field inspection reports for accuracy and completeness.

Responsibilities

Work with professional engineering staff daily to:

- Review Bridge Reports
- · Gain an understanding of the Bridge Evaluation work flow
- Work on a wide variety of different bridge types.
- Review and evaluate Bridge Inspection Reports.
- Develop Load Ratings for Bridges and Permit Load Evaluations.
- Perform field inspection with TDOT engineer as needed.

Minimum Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with foundational structural design concepts preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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and Jackson. TDOT's
headquarters is located in
downtown Nashville

What the Division does:

The Headquarters Division of Materials and Tests monitors the quality and performance of TDOT's highway network by performing field evaluations, conducting production facility reviews, performing laboratory tests, and analyzing a variety of data. The division coordinates pavement and materials research projects and maintains the department's Qualified Products List

For more information on this division, please see link below:

https://www.tn.gov/tdot/materials-and-tests.html



Civil Engineering Intern

Materials & Tests Division Geo-technical Section Location: Nashville, TN Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Geotechnical section of the Headquarters Materials & Tests Division, located in Nashville, TN. The Geotech intern will be involved in geotechnical field operations, laboratory testing and office work. This will include maintenance and construction support, observing geotechnical drilling operations, collecting soil and rock samples, laboratory soil testing, assimilating data, helping prepare reports.

Responsibilities

This intern will assist the Geotechnical engineers and geologists on day to day geotechnical operations.

- Make site visits with our geologist to observe sinkholes, land slides, rock falls and other maintenance and construction issues.
- Learn to work around a geotechnical drill rig and log soil/rock samples as they are collected.
- Learn how basic soil and rock laboratory tests are performed. Other tasks will include learning basic geotechnical software used in the industry along with helping with reporting.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

Please attach a two (2) page maximum résumé and a transcript to your application.

<u>Selected candidates will be required to provide two letters of reference (professional, or personal).</u>

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Civil Engineering Intern

Materials & Tests - Field Operations Location: Nashville, TN Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Field Operations section of the Headquarters Materials & Tests division, located in Nashville, TN. This intern will evaluate new asphalt related products and research by observing, sampling and/or testing products in the field. This intern will also get the opportunity to work in the asphalt and/or concrete laboratories. The work schedule is flexible and may require travel to any of the four Regions.

Responsibilities

- Evaluate new asphalt, concrete, and aggregate related products/research: responsible for observing, sampling and/or testing products in the field and lab.
- Materials Quality Assurance Program: assist in the assurance testing of bituminous, concrete, and aggregate materials used on TDOT projects.
- Pavement Evaluation: assist in evaluating the condition of existing pavements on state highways through coring, falling weight deflectometer, laser profiling, and/or skid testing.

Minimum Qualifications

- Civil Engineering major required
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with Microsoft Excel, laboratory experience, and general knowledge of soils/aggregate/asphalt preferred.

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What the Environmental Division does:

The Environmental Division is responsible for the protection, preservation and enhancement of the environment with the implementation of transportation projects. The Highway Beautification Office encompasses a varied group of programs ranging from regulatory control and oversight of outdoor advertising to preserving, sustaining and enhancing the beauty of the Tennessee landscape.

For more information on this division, please see link below: https://www.tn.gov/tdot/environmental-home.html



TDOT Intern

Environmental Division

Highway Beautification Office – Outdoor Advertising Section

Location: Nashville, TN

Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Headquarters Highway Beautification Office's Outdoor Advertising office, located in Downtown Nashville. The intern will perform daily activities related to the Outdoor Advertising Regulatory Programs Statewide Data and Mapping Management, assist with Regulatory processes related to changes in new/current sign laws, and assist with research related to Nationwide trends in Outdoor Advertising Regulations and Litigation.

Responsibilities

- Perform data research, review, and management for all regulatory programs within Outdoor Advertising and Junkyard Control.
- Assist with Outdoor Advertising Application process.
- Participate in field inspections/ GPS surveying for all Regulatory Programs within Outdoor Advertising.
- Become familiar with information used for integrating multiple types of data for regulation of statewide sign industry, National Outdoor Advertising Policies and current trends, and understand Rules and Regulations and Laws used for Outdoor Advertising and Junkyard Control Programs.

Minimum Qualifications

- Environmental/ Science, Planning, Urban Studies, Geography major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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What the Environmental Division does:

The Environmental Division is responsible for the protection, preservation and enhancement of the environment with the implementation of transportation projects. The division, under the National Environmental Policy Act, assists in transportation project development and decision making process. The **Environmental Compliance** Office provides the oversight, training and technical expertise necessary for environmental compliance for **TDOT** construction activities and TDOT facilities.

For more information on this division, please see link below: https://www.tn.gov/tdot/environmental-home.html



TDOT Intern

Environmental Division
Environmental Compliance / Mitigation Office
Location: Nashville, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Headquarters Environmental Mitigation and Compliance Offices located in Downtown Nashville. This intern will assist TDOT Environmental staff with the monitoring of stream and wetland mitigation sites for regulatory compliance, collect data, write reports, complete field work.

Responsibilities

- Create environmental documents and databases.
- Assist assigned staff with stream and wetland field investigations.
- Create environmental compliance documents and tracking.
- Transfer and upload data and reports into the database.
- Assist with the creation of compliance training packages for regional compliance classes.

Minimum Qualifications

- Environmental Science Environmental Biology, Environmental Science, Wildlife Fisheries Science, Ecology, Marine Biology, Geology, or Natural Resource Management major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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TDOT Intern

Environmental Division

Highway Beautification Office – Outreach Section

Location: Nashville, TN

Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Headquarters Highway Beautification Office's Outreach Section located in Downtown Nashville. This intern will conduct cumulative research on program improvements to TDOT's scenic highway program and prepare a report. This intern will also coordinate 'Pollinator Week' events and prepare the media advisory.

Responsibilities

- Assist TDOT staff in planning and creating "Nobody Trashes Tennessee" events and media.
- Conduct Special Litter Grant monitoring site visits statewide;
- Plan and coordinate Pollinator Awareness Week events in June.
- Create and draft pamphlets and brochures on litter reduction and environmental topics.
- Conduct and present research on scenic roadway topics in Tennessee and surrounding states.
- Assist with general program management and improvement.
- Attend outreach events and grant monitoring site visits.

Minimum Qualifications

- Major in Environmental Studies, Public Administration, Marketing, Communications, and Photography.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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What the Division does:

The Long Range Planning
Division is responsible for the
planning, development and
management of statewide
transportation studies and
planning tools that help guide
the policies and programs of
TDOT and its various divisions.

For more information on this division, please see link below:

https://www.tn.gov/tdot/lon g-range-planninghome.html



TDOT Intern

Long Range Planning Division – Forecasting Office Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Forecasting Office, located in Downtown Nashville. This intern will assist with running a statewide Tennessee travel demand model (TDM) to obtain future traffic forecasts on TDOT's projects daily basis. This will entail learning how to use TransCAD software.

Responsibilities

- Learn the general concept of planning applications using Tennessee Statewide Travel Demand Model (TSM).
- Review travel demand model input data.
- Conduct an independent study using TransCAD software
- Write weekly project progress reports.

Minimum Qualifications

- Civil Engineering, Urban Planning, or Industrial Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Basic knowledge of travel demand modeling and statistics preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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https://www.tn.gov/tdot/lon g-range-planninghome.html



TDOT Intern

Long Range Planning Division – Office of Community Transportation, Special Projects Location: Nashville, TN

Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Business Services Office, located in Downtown Nashville. Within the Long Range Planning Division, this intern will assist Planning office staff with Data Collection and analysis, conducting community engagement meetings, site visits to rural communities statewide.

Responsibilities

- Coordinate with consultants and Metropolitan Planning Organization/Rural Planning Organization
- Provide technical support to planning staff for Transportation Planning Programs
- Communicate with TDOT staff and consultants orally and in writing
- Assist with the Division's organization of digital files
- Proofreading and editing documents, tables, graphs, and charts.
- Prepare reports as requested

Qualifications

- Urban Planning, Engineering, Geography, or Public Administration majors preferred.
- Junior, or Senior Class Status required as of May, 2020
- Legally authorized to work in the U.S.
- Must be able to travel

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Division of Multimodal **Transportation Resources includes** Public Transportation, Rail and Waterways, Bicycle and Pedestrian Programs, Rail Inspection and Safety, and the Section 130 Rail-Highway Grade Crossing Program. The Division administers state and federal grant programs for public transportation. For rail and water transportation, the Division is responsible for inspecting railroads and rail crossings for safety and providing safety upgrades at key highway-rail crossings. The Division's Bicycle and Pedestrian Program provides coordination with TDOT resurfacing projects, awards the Multimodal Access Grants to local communities and serves as a liaison between TDOT and bicycle and pedestrian stakeholders.

For more information on this division, please see link below:

https://www.tn.gov/tdot/ multimodaltransportationresources.html



TDOT Intern

Headquarters Multimodal Division Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the Headquarters Multimodal Division located in downtown Nashville, TN. This intern will learn how to analyze travel demand and crash data, learn about principles of complete streets and multimodal design on roadways and learn how to compile and present information for management review.

Responsibilities

Support the work of Multimodal Planning to increase complete and safe streets with following tasks:

- Analyze crash data, compile data for before and after assessment, review infrastructure locations for possible improvements.
- Present compiled information to Multimodal management as needed.
- Communicate with local stakeholders as needed, research and write memos on best practice analysis.

Minimum Qualifications

- Planning, environment, engineering, public administration, business, or mathematics major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Interest in statistics, data analysis, Geographic Information Systems (GIS), or engineering.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What we do:

The Region 3 Training
Office facilitates TDOT's
Learning and Development
goal of advancing the
technical, professional and
leadership skills of our
employees.

For more information on TDOT Learning & Development, please see link below:

https://www.tn.gov/tdot/tdot-human-resources-learning-development.html



TDOT Intern

Region 1 Training Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Region 1 Training Office located in Knoxville, TN. This intern will assist the Training Manager and Training Specialist with coordinating and preparing material for upcoming Region 1 training events. In addition, this intern will apply basis human resource principles to a real-world environment in the development and delivery of training content to adults.

Responsibilities

- Create and update Excel spreadsheets and PowerPoint presentations.
- Organize training classes.
- Assist with planning, implementing, and/or delivering training deliverables to other employees.
- Develop and/or deliver training in an optimum adult learning environment to internal and external customers.

Qualifications

- Human Resources, Training, or Business major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Interest in instructing individuals and/or groups on technical processes and procedures.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What we do:

The Regional Business
Development unit works
closely with TDOT
Headquarters to ensure
that system development
and business processes
meet the needs of the state
as a whole and best
practices are implemented.

For more information on this division, please see link below:

https://www.tn.gov/tdot/a bout/tdot-organizationalcharts/org-chartregion.html



TDOT Intern

Region 1 Business Development Locations: Knoxville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the Business Development office located in Knoxville, TN. This intern will audit construction project documentation for accuracy and completeness, query and analyze data from various projects looking for trends or improvements to business processes, and learn procedures and usage for data analysis, training objective, and organization.

Responsibilities

- Analyze data, processes, policies, and procedures to document and/or develop recommendations
 for changes in operations which affect the economy, efficiency and quality of departmental and
 divisional operations and services.
- Review reports and/or plans for completeness and accuracy to make recommendation for change or improvement.
- Review project schedules submitted by contractors for appropriateness, reasonableness, and the use of property activity logic using Primavera P6 software.

Minimum Qualifications

- Business Administration, Business Management, Computer Science, Mathematics/Data, Analysis/Statistics, or Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Intermediate knowledge of formulas used in algebra, geometry, calculus, statistics, and graphing.
- Strong communication skills, time management, and problem-solving skills preferred.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Right of Way Division is responsible for the appraisal and acquisition of land needed for state highway construction and relocation of displaced families and businesses. The Right of Way division's Utilities Office is responsible for the coordination of local utility and railroad relocation efforts for highway construction and issuance of utility encroachment permits.

For more information on this division, please see link below:

https://www.tn.gov/tdot/ about/tdot-organizationalcharts/org-chartregion.html



TDOT Intern

Region 1 Right-of-Way – Agent Office Location: Knoxville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Right-of-Way Office located in Knoxville, TN. The intern will be exposed to and be expected to learn concepts related to the right-of-way appraisal, acquisition and relocation processes, as well as a basic understanding of the utility coordination process in accordance with applicable state and federal policies and procedures.

Responsibilities

- Attend right-of-way and utility meetings as well as assist with any preparations needed with
 meeting materials. The intern will accompany ROW Agents on visits to property owners for initial
 offers, follow up negotiation appointments, complete closings, take inventory of properties, and
 information gathering visits (PGI's).
- Assist with internal documentation processes in paper and/or electronic form assuring all
 items required are uploaded into the statewide database and filed properly based on the ROW
 Manual guidelines/policies. Also, scan right-of-way plans, maps to flash drives, and transfer
 data to the shared drive to have in electronic form.
- Accompany staff members in right-of-way and utility meetings with internal and external stakeholders and assisting in the preparation of meeting related materials.
- Perform routine audits of right-of-way and utility related documentation, as well as assisting with property management functions.
- Enter and update documentation in the statewide right-of-way and utilities database. Prepare distribution of correspondence to residents, businesses and utility companies as needed.

Minimum Qualifications

- Business, Real Estate, Finance, or Pre-Law major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Roadway Design Office is responsible providing guidance and oversight for TDOT personnel by establishing roadway design criteria, maintaining and developing roadway design standards and training manuals, ensuring roadway plans meet the state and federal policies as well as the targeted quality assurance and compliance standards.

For more information on this division, please see link below:

https://www.tn.gov/tdot/abo ut/tdot-organizationalcharts/org-chart-region.html



Civil Engineering Intern

Region 1 Design Office Location: Knoxville, TN Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Design Office, located in Knoxville, TN. These interns will be assigned a safety, or bridge project to assist the Design office with designing State Route and Interstate resurfacing, safety, State Industrial Access, and bridge and approach projects. Over the summer the Design intern will complete a set of roadway plans that will be used for technical studies by TDOT's Environmental Office.

Responsibilities

- Learn about TDOT's design standards and how a set of roadway plans are put together.
- Learn to use Microstation and GeoPAK software to assist designers, or complete work for assigned project.
- Learn about design elements such as: vertical and horizontal alignments, cross-sections, drainage elements, erosion control, and traffic control.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Survey Office performs surveys for the Design, Construction, Maintenance, Right of Way and Geotechnical Divisions of TDOT. The Survey office provides all the necessary survey information required to design new roadway projects including topographic features, digital terrain models, utilities and drainage structures, sets and determines coordinates on GNSS control points to be used on all regional projects, and stakes Geotechnical borehole points, existing right of way, and proposed right of way for our Right of Way and Geotechnical Divisions.

For more information on this division, please see link below:

https://www.tn.gov/tdot/abo ut/tdot-organizationalcharts/org-chart-region.html



Civil Engineering Intern

Region 1 Survey Office Locations: Knoxville & Johnson City Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Survey Offices located in Knoxville and Johnson City, TN. These interns will learn the procedures for field data collection in the field with the use of the survey equipment provided by TDOT. In addition, the intern will learn how to process field data information in order to provide it in a digital format. In this role the survey intern will also be exposed to Grid surveying, viewing field information using MicroStation, and learning to use varying types of surveying equipment and processing software.

Responsibilities

- Participate in field surveys by collecting field data gathering from GPS Static Surveys, Utility Location Surveys, Scanning Surveys, LiDAR Surveys, and Drone Surveys.
- Process field data using Utility Location Data Processing, MicroStation (Geopak), Spectra Software, etc.
- Learn how to set up GPS and Total Station Equipment for Static and RTK surveys.
- Assist in the field data collection for the utility (the selected intern will be shown what/where
 to survey the needed utilities) and stake-out surveys to be completed.
- Learn to identify relevant field information needed for Location projects as well as assignments involving Right-of-Way, or Geotechnical staking.

Qualifications

- Civil Engineering major preferred.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with AutoCAD, or MicroStation software preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Traffic Office is responsible for monitoring and reporting on Tennessee's transportation system, overseeing the Traffic Management Center (TMC), preparing traffic signal, roadway lighting, and roadway signage designs, and performing traffic engineering studies (including traffic simulation and analysis).

For more information on this division, please see link below:

https://www.tn.gov/tdot/abo ut/tdot-organizationalcharts/org-chart-region.html



Civil Engineering Intern

Region 1 Traffic Office Location: Knoxville, TN

Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring two student interns for the Traffic Office, located in Knoxville, TN. These interns will apply transportation engineering principles and techniques to improve the quality, operations and safety of Tennessee State roadways. Traffic interns will work on a variety of projects and will conduct crash analysis, develop sign and marking plans, perform signal warrants, GIS maps, and concept plans using MicroStation. While completing assignments these interns will interact with engineering and technical staff and become familiar with Geometric Design, MUTCD, Highway Capacity Manual and other Traffic Engineering related software like synchro and Arc GIS.

Responsibilities

- Attend City/County Project meetings, TSITE Summer meeting, RSAR field site study, and roadway safety reviews.
- Conduct and compile Crash Reports and Analysis for Corridors and Intersections and Safety Projects, speed studies, minimum Passing Lane/Taper Lengths for improved roadway design, sight distance evaluations of intersections and traffic count studies.
- Design upgrades for warning, or regulatory signs along state roads and perform quality assessment, inventory, and placement of state road signs for Safety Analysis.
- Use MicroStation software for conceptual design.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Good Communication skills, desire to work on a team, and critical thinking skill.
- Familiarity with foundational transportation engineering concepts

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

Please attach a two (2) page maximum résumé and a transcript to your application.

<u>Selected candidates will be required to provide two letters of reference (professional, or personal).</u>

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Transportation has close to
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Knoxville, Chattanooga,
Nashville and Jackson. TDOT's
headquarters is located in
downtown Nashville.

What the Division does:

The Construction Offices are responsible for providing a timely delivery of construction projects providing increased mobility and capacity options for multimodal users. Regional Construction offices work hand in hand with communities, state, and local partners to provide strong strategic relationships and coordinated service to our customers.

For more information on this division, please see link below:

https://www.tn.gov/tdo t/find-localinformation.html



Civil Engineering Intern

Region 1 Construction
Location: Johnson City & Morristown, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the Construction office located in Johnson City and Morristown, TN. The Construction interns will inspect various roadway construction activities on contracts and perform Maintenance Quality Review inspection. Assigned projects will cover a wide variety of tasks including grading, drainage, paving, signage and marking, survey, utility relocation, bridge construction, retaining walls, environmental, and safety. The construction interns will participate in administering and monitoring projects as well as assist with decision making and field troubleshooting/problem solving.

Responsibilities

- Conduct onsite field measurements for contract administration.
- Learn to read/interpret construction plans, standard drawing, and TDOT specifications.
- Conduct onsite materials testing to ensure the quality and compliance of materials delivered to a jobsite for incorporation on a TDOT project.
- Collect data, input, and conduct analysis during research and development assignments (both field collection and office collaboration).
- Learn about guardrail installation requirements, purpose, and need.
- Identify ways to inspect construction jobs, calculate material quantities, read plans, and communicate effectively with external customers.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Interest in construction/project management.

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TDOT Intern

Region 1 Construction Location: Knoxville & Newport, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns to work in the Construction offices located in Knoxville and Newport, TN. The Construction interns will inspect various roadway construction activities on contracts and perform Maintenance Quality Review inspection. Assigned projects will cover a wide variety of tasks including grading, drainage, paving, signage and marking, survey, utility relocation, bridge construction, retaining walls, environmental, and safety. The construction interns will participate in administering and monitoring projects as well as assist with decision making and field troubleshooting/problem solving.

Responsibilities

- Conduct onsite field inspections and take measurements.
- Learn to read/interpret construction plans, standard drawing, and TDOT specifications.
- Conduct onsite materials testing to ensure the quality and compliance of materials delivered to a jobsite for incorporation on a TDOT project.
- Collect data, input, and conduct analysis during research and development assignments (both field collection and office collaboration).
- Learn about guardrail installation requirements, purpose, and need.
- Identify ways to inspect construction jobs, calculate material quantities, read plans, and communicate effectively with external customers.

Minimum Qualifications

- Civil Engineering, or Construction Management major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Interest in construction/project management.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

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For more information on this division, please see link below:

https://www.tn.gov/tdo t/find-localinformation.html



Civil Engineering Intern

Region 1 Construction
Location: Maryville & Harriman, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns to work in the Construction offices located in Harriman and Maryville, TN. The Construction interns will inspect various roadway construction activities on contracts and perform Maintenance Quality Review inspection related to projects covering grading, drainage, paving, signage and marking, survey, utility relocation, bridge construction, retaining walls, environmental, and safety. In addition, the construction interns will participate in administering and monitoring projects as well as assist with decision making and field troubleshooting/problem solving.

Responsibilities

- Conduct onsite field measurements for contract administration.
- Learn to read/interpret construction plans, standard drawing, and TDOT specifications.
- Conduct onsite materials testing to ensure the quality and compliance of materials delivered to a jobsite for incorporation on a TDOT project.
- Collect data, input, and conduct analysis during research and development assignments (both field collection and office collaboration).
- Learn about guardrail installation requirements, purpose, and need.
- Identify ways to inspect construction jobs, calculate material quantities, read plans and communicate effectively with external customers.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Technical problem solving and strong communication skills preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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downtown Nashville.

What we do:

The Regional Business
Development unit works
closely with TDOT
Headquarters to ensure
that system development
and business processes
meet the needs of the state
as a whole and best
practices are implemented.

For more information on this division, please see link below:

https://www.tn.gov/tdot/a bout/tdot-organizationalcharts/org-chartregion.html



TDOT Intern

Region 2 Business Development Locations: Chattanooga, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the Business Development office located in Chattanooga, TN. This intern will audit construction project documentation for accuracy and completeness, query and analyze data from various projects looking for trends or improvements to business processes, and learn about procedures and usage for data analysis, training objective, and organization.

Responsibilities

- Analyze data, processes, policies, and procedures to document and/or develop recommendations
 for changes in operations which affect the economy, efficiency and quality of departmental and
 divisional operations and services.
- Review reports and/or plans for completeness and accuracy to make recommendation for change or improvement.
- Review project schedules submitted by contractors for appropriateness, reasonableness, and the use of property activity logic.

Minimum Qualifications

- Business Administration, Business Management, Computer Science, Mathematics/Data, Analysis/Statistics, or Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Strong communication skills, time management, and problem-solving skills preferred.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

Project Development directs the administrative, engineering and technical activities for design, right-ofway acquisition, utility relocation and survey for projects across the state.

For more information on this division, please see link below:

https://www.tn.gov/td ot/find-localinformation.html



Civil Engineering Intern

Region 2 Design Location: Chattanooga, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Design Office located in Chattanooga, TN. The Roadway Design Office is responsible providing guidance and oversight for TDOT personnel by establishing roadway design criteria, maintaining and developing roadway design standards and training manuals, ensuring roadway plans meet the state and federal policies as well as the targeted quality assurance and compliance standards. This intern will assist TDOT roadway designers with Transportation design concepts using the AASHTO Greenbook, TDOT Design Standards, and relevant software.

Responsibilities

- Develop a set of plans for the resurfacing program to include a title sheet, notes section, quantity calculations, and typical sections.
- Attend meetings and site visits for assigned projects.
- Perform tasks related to designing cross drains, setting alignments, and preparing plans sheets for roadway projects.
- Assist assigned Specialist with quantity calculations and roadway design by using Microstation and Geopak software.

Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with foundational transportation engineering concepts, Microstation, and Geopak software preferred.

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What the Division does:

The Traffic Engineering Office provides guidance and direction to improve highway safety and traffic operation along Tennessee's roadways. The office participates with other agencies in the coordination of educational activities, enforcement and regulatory measures, and engineering solutions to promote and emphasize roadway safety and operational efficiency.

For more information on this division, please see link below:

https://www.tn.gov/tdot/ traffic-operationsdivision/trafficengineering-office.html



Civil Engineering Intern

Region 2 Traffic Office Location: Chattanooga, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 2 Traffic Engineering office located in Chattanooga, TN. An important area of operation includes oversight of the uniform use and application of traffic control devices, such as traffic signals and roadway signing and marking. Other areas of emphasis include management of speed limits and parking areas along state roadways outside city limits. Traffic Engineering Office staff also review roadway lighting plans along roadways other than interstate facilities.

These interns will learn more about traffic analysis and how to plan for the changes in traffic, by working with the MUTCD. Methods implemented will include traffic engineering studies, traffic simulation and analysis, field data collection, sign and marking evaluations Driveway Permits for projects, and consideration of solutions to traffic operations and safety concerns. Also, conduct analysis of cost benefit of methods to determine the most economic, ethical, and environmentally efficient solutions.

Responsibilities

- Perform traffic studies such as radar speed studies and traffic counts.
- Assist with the highway entrance permit process by reviewing site plans and inspecting final projects.
- Review signing and marking of new plans to ensure there are no needed changes.
- Create work orders for any new signing and marking plans or to repair existing signing and marking.
- Travel with staff to Roadway Safety Audit Reviews to assess the site.
- Design plans for the Spot Safety Program.
- Travel with technicians to perform our sign inventory and our ball banking program.

Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with Microsoft Excel and foundational transportation engineering concepts.

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What the Division does:

The Survey Office performs surveys for the Design, Construction, Maintenance, Right of Way and Geotechnical Divisions of TDOT. The Survey office provides all the necessary survey information required to design new roadway projects including topographic features, digital terrain models, utilities and drainage structures, sets and determines coordinates on GNSS control points to be used on all regional projects, and stakes Geotechnical borehole points, existing right of way, and proposed right of way for our Right of Way and Geotechnical Divisions.

For more information on this division, please see link below:

https://www.tn.gov/tdot/abo ut/tdot-organizationalcharts/org-chart-region.html



Civil Engineering Intern

Region 2 Survey Office
Location: Chattanooga

Compensation: \$12.50/hour

Overview

The Tennessee Department of Transportation is currently a student intern for the Survey Office located in Chattanooga, TN. The Survey intern will learn the procedures for field data collection in the field with the use of the survey equipment provided by TDOT. In addition, the interns will learn how to process field data information in order to provide it in a digital format. In this role the survey intern will also be exposed to Grid surveying and viewing field information using Microstation.

Responsibilities

- Participate in field surveys by collecting field data gathering from GPS Static Surveys, Utility Location Surveys, Scanning Surveys, LiDAR Surveys, and Drone Surveys.
- Process field data using Utility Location Data Processing, MicroStation (Geopak), Spectra Software, etc.
- Learn how to set up GPS and Total Station Equipment for Static and RTK surveys.
- Assist in the field data collection for the utility (the selected intern will be shown what/where to survey the needed utilities) and stake-out surveys to be completed.
- Learn to identify relevant field information needed for Location projects as well as assignments involving Right-of-Way, or Geotechnical staking.

Qualifications

- Civil Engineering major preferred.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Interest in land surveying.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Right of Way division's Utilities Office is responsible for the coordination of local utility and railroad relocation efforts for highway construction and issuance of utility encroachment permits.

For more information on this division, please see link below:

https://www.tn.gov/tdot/ about/tdot-organizationalcharts/org-chartregion.html



TDOT Intern

Region 2 Right-of-Way – Utilities Office Location: Chattanooga, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Right-of-Way Utilities office located in Chattanooga, TN. The Utilities intern will be exposed to and be expected to learn concepts related to the right-of-way appraisal, acquisition and relocation processes, as well as a basic understanding of the utility coordination process in accordance with applicable state and federal policies and procedures.

Responsibilities

- Attend right-of-way and utility meetings as well as assist with any preparations needed with
 meeting materials. The intern will accompany ROW Agents on visits to property owners for initial
 offers, follow up negotiation appointments, complete closings, take inventory of properties, and
 information gathering visits (PGI's).
- Assist with internal documentation processes in paper and/or electronic form assuring all items
 required are uploaded into the statewide database and filed properly based on the ROW Manual
 guidelines/policies. Also, scan right-of-way plans, maps to flash drives, and transfer data to the
 shared drive to have in electronic form.
- Accompany staff members in right-of-way and utility meetings with internal and external stakeholders and assisting in the preparation of meeting related materials.
- Perform routine audits of right-of-way and utility related documentation, as well as assisting with property management functions.
- Enter and update documentation in the statewide right-of-way and utilities database. Prepare distribution of correspondence to residents, businesses and utility companies as needed.

Qualifications

- Civil engineering, Business, Real Estate, Finance, or Pre-Law major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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downtown Nashville.

What we do:

The Region 2 Project
Development Division
directs the administrative,
engineering and technical
activities for design, rightof-way acquisition, utility
relocation and survey for
projects within the 24
counties of Region 2.

For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



TDOT Intern

Region 2 Environment Location: Chattanooga, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Region 2 Environment office located in Chattanooga, TN. These interns will assist the Environmental Tech Office in many facets, including but not limited to ecology, environmental permitting, facilities compliance, and construction and maintenance environmental reviews.

Responsibilities

- Accompany staff biologists on field visits to locate and identify ecological features; observe endangered and threatened species.
- Assist TDOT staff with environmental duties related to TDOT roadway and bridge projects.
- Coordinate with office staff to review water quality permits, assessments, and applications.
- Assist in the analysis of NEPA documents.

Qualifications

- Civil Engineering, Environmental Engineering, Hydraulic Geology, General Biology, or General Geology major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

The Bridge Repair Section is responsible for the design and plans preparation of bridge repair projects on state maintained bridges. Plans are developed by both in-house staff and consultant firms, which are under contract with the Department.

For more information on this division, please see link below:

https://www.tn.gov/tdot/structures-/bridge-inspection-and-repair.html



Civil Engineering Intern

Region 2 Bridge Inspection
Locations: Chattanooga, Crossville, and Tullahoma, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Bridge Inspection offices located in Chattanooga, Crossville, and Tullahoma, TN. Regional teams conduct bridge inspections on over 19,000 bridges located throughout the state. They are responsible for inspecting and maintaining a complete inventory of all bridges every two-years.

These interns will work with the Chattanooga, Crossville, or Tullahoma Bridge Inspection field crews and perform class 1 inspections per FHWA guidelines. Inspections will include non-destructive testing, channel surveys, element level inspections and developing maintenance recommendations.

Responsibilities

- Assist a Bridge Inspection crew to identify structural defects and assist in the development of reports.
- Record data and take photos of the structures.
- Transfer data into a TDOT database so that the information can be recorded for future reference.
- Learn level 1 structural inspections in order to identify every part of a roadway structure.
- Learn how to monitor structures for damage and how that damage can affect the structural integrity of the bridge.
- Observe hydraulic data and show how shifting stream banks or stream beds can adversely affect a bridge.

Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Knowledge of structural or transportation related concepts.
- Interest in Bridge Design, Construction, or Inspection.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What the Division does:

Regional Operations is responsible for directing the administrative, engineering, and technical activities for multiple offices within middle Tennessee's 24 counties of Region 2, including Construction and Maintenance offices across three districts, Bridge Inspection and Repair, Materials and Tests, Intelligent Transportation Systems, Traffic Engineering, and Incident Response.

For more information on this division, please see link below:

https://www.tn.gov/t dot/find-localinformation.html



TDOT Intern

Region 2 Construction
Location: Cleveland & Chattanooga, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 2 Operations offices located in Cleveland and Chattanooga, TN. These interns will learn about the process of managing a project during the construction phase. This will involve learning about activities both in the field and in the office. This office will be managing bridge replacement projects, widening projects, and rockfall mitigation.

Responsibilities

- Spend time in the field learning about the daily responsibilities of a TDOT construction inspector.
- Assist office personnel and learn how to process project documentation.
- Interpret Plans and Specifications.
- Ensure projects and construction activities meet requirements of plans, specifications, and district management on a daily basis.
- Conduct field inspections, including work-zone safety.

Minimum Qualifications

- Civil Engineering, or construction management major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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For more information on this division, please see link below:

https://www.tn.gov/tdot/find-local-information.html



Civil Engineering Intern

Region 2 Operations
Location: Benton & Chattanooga, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 2 Operations offices located in Benton and Chattanooga, TN. These interns will assist maintenance staff with inspecting for a cross drain pipe replacement program, possible landslide areas, and organization for herbicide scheduling. This internship will entail coordinating with Construction and Maintenance staff so that all the processes related to roadway maintenance and construction can be covered.

Responsibilities

- Work with TDOT staff at cross drain pipe replacement program.
- Assist with organizing herbicide scheduling and mowing cycles.
- Coordinate with supervisors to inspect drainage structures in district and check routes for any issues occurring or about to happen.
- Complete Plans, Specifications, and Estimates (PS&E's)
- Check storm drains and check quality of drainage structures on State Routes.

Minimum Qualifications

- Civil Engineering major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Problem solving, strong communication skills, and organizational skills preferred.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What we do:

The Region 3 Training
Office facilitates TDOT's
Learning and Development
goal of advancing the
technical, professional and
leadership skills of our
employees.

For more information on TDOT Learning & Development, please see link below:

https://www.tn.gov/tdot/tdot-human-resources-learning-development.html



TDOT Intern

Region 3 Training Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Region 3 Training Office located in Nashville, TN. This intern will assist the Training Manager and Training Specialist with coordinating and preparing material for upcoming Region 3 training events.

Responsibilities

- Create and update Excel spreadsheets and PowerPoint presentations.
- Organize training classes.
- Assist with the creation of an online training module to be implemented in TDOT's Learning Network.
 This will involve creation of content and instructional materials, and conducting formative and summative evaluations to identify areas of effectiveness in a tutorial.

Qualifications

- Human Resources, Education, or Business major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Interest in instructing individuals and/or groups on technical processes and procedures.

To be considered for this position, please apply at https://www.surveymonkey.com/r/PJG6ZY5

Please attach a two (2) page maximum résumé and a transcript to your application.

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statewide with regional
facilities in Knoxville,
Chattanooga, Nashville and
Jackson. TDOT's
headquarters is located in
downtown Nashville.

What we do:

The Region 3 Traffic Division conducts traffic engineering studies and manages signals, lighting, and signage for highways within the 26 counties of Region 3.

For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



Civil Engineering Intern

Region 3 Traffic Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 3 Traffic Office located in Nashville, TN. These interns will work both in the office and in the field to assist staff with traffic and highway marking functions. Also, these interns will become familiar with TDOT design standards, MUTCD guidance, Highway Safety Manual, Highway Capacity Manual, AASHTO Greenbook. The intern will then take these guides and solve real world issues within Traffic Engineering.

Responsibilities

- Collect data for speed and intersection studies.
- Learn about sign placement using the MUTCD.
- Design spot safety projects using AASHTO Greenbook and/or TDOT standards. Take field measurements.
- Spot safety application project: this includes report writing, mapping in ArcMap, calculating crash rates, designing in MicroStation, performing traffic counts, and performing signal warrant analysis.
- Analyze data collected during field traffic studies to calculating crash rates.
- Work with Highway Marking staff to develop and installing signs and pavement markings.

Qualifications

- Civil Engineering major required
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with ArcGIS, MicroStation, and Microsoft Office preferred.
- Familiarity with foundational transportation engineering concepts.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What we do:

Project Development directs the administrative, engineering and technical activities for design, right-of-way acquisition, utility relocation and survey for projects across the state.

For more information on this division, please see link below:

https://www.tn.gov/tdot/a bout/tdot-organizationalcharts/org-chart-region-



Civil Engineering Intern

Region 3 Design Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 3 Design office located in Nashville, TN. The Roadway Design Office is responsible providing guidance and oversight for TDOT personnel by establishing roadway design criteria, maintaining and developing roadway design standards and training manuals, ensuring roadway plans meet the state and federal policies as well as the targeted quality assurance and compliance standards. This intern will assist TDOT roadway designers with Transportation design concepts using the AASHTO Greenbook, TDOT Design Standards, and relevant software.

Responsibilities

The Design interns will develop roadway plans so that projects can be let to construction. This will include:

- Develop a set of plans for the resurfacing program to include a title sheet, notes section, quantity calculations, and typical sections.
- Attend meetings and site visits for assigned projects.
- Perform tasks related to designing cross drains, setting alignments, and preparing plans sheets for roadway projects.
- Assist assigned Specialist with quantity calculations and roadway design by using Microstation and Geopak software.
- Assist with development of plans for State Industrial Access roads and larger roadway projects.

Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Proficiency in Microsoft Excel, Word, and PowerPoint preferred.

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What we do:

The Survey Office performs surveys for the Design, Construction, Maintenance, Right of Way and Geotechnical Divisions of TDOT. The Survey office provides all the necessary survey information required to design new roadway projects including topographic features, digital terrain models, utilities and drainage structures, sets and determines coordinates on GNSS control points to be used on all regional projects, and stakes Geotechnical borehole points, existing right of way, and proposed right of way for our Right of Way and Geotechnical Divisions.

For more information on this division, please see link below:

https://www.tn.gov/content/tn/tdot/find-local-



Civil Engineering Intern

Region 3 Survey Office Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 3 Project Development Division (Survey Section) located in Nashville, TN. These interns will work both in the office and in the field to assist staff with surveying tasks pertaining to TDOT projects. These interns will learn how to conduct surveys for roadway design plans related to bridge and approach projects, surveys for the development of plans for State Industrial Access roads and larger roadway projects, survey staking for right of way acquisition or geotechnical boring locations, and survey environmental features to be shown on plans. In addition, the Survey interns will be exposed to drone (UAV) photogrammetry.

Responsibilities

- Work with a field crew performing location surveying using total station and real-time kinematic GPS equipment, setting project control, and staking proposed ROW and Geotechnical boring locations.
- Download and process survey data.
- Create survey files.
- Learn basic Microstation/Geopak software skills.

Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with transportation design concepts and CADD software preferred.

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What the Division does:

The Right of Way division's Utilities Office is responsible for the coordination of local utility and railroad relocation efforts for highway construction and issuance of utility encroachment permits.

For more information on this division, please see link below:

https://www.tn.gov/tdot/ about/tdot-organizationalcharts/org-chartregion.html



TDOT Intern

Region 3 Right-of-Way – Utilities Office Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Right-of-Way Utilities office located in Nashville, TN. The Utilities intern will be exposed to and be expected to learn concepts related to the right-of-way appraisal, acquisition and relocation processes, as well as a basic understanding of the utility coordination process in accordance with applicable state and federal policies and procedures.

Responsibilities

- Attend right-of-way and utility meetings as well as assist with any preparations needed with
 meeting materials. The intern will accompany ROW Agents on visits to property owners for initial
 offers, follow up negotiation appointments, complete closings, take inventory of properties, and
 information gathering visits (PGI's).
- Assist with internal documentation processes in paper and/or electronic form assuring all items
 required are uploaded into the statewide database and filed properly based on the ROW Manual
 guidelines/policies. Also, scan right-of-way plans, maps to flash drives, and transfer data to the
 shared drive to have in electronic form.
- Accompany staff members in right-of-way and utility meetings with internal and external stakeholders and assisting in the preparation of meeting related materials.
- Perform routine audits of right-of-way and utility related documentation, as well as assisting with property management functions.
- Enter and update documentation in the statewide right-of-way and utilities database. Prepare distribution of correspondence to residents, businesses and utility companies as needed.

Qualifications

- Civil engineering, Business, Real Estate, Finance, or Pre-Law major required.
- Junior, or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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What we do:

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relocation and survey for
projects within the 26
counties of Region 3.

For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



TDOT Intern

Region 3 Environment Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 3 Environment Office located in Nashville, TN. These interns will work both in the office and in the field to assist staff with environmental aspects of TDOT roadway and bridge projects. These interns will learn to identify ecological features in the field, observe/identify threatened and/or endangered species, conduct database reviews, use Geographic Information Systems, NEPA processes, species coordination with external agencies, water quality permit reviews, assessments and applications, and plans reading/review.

Responsibilities

- Accompany staff biologists on field visits to locate and identify ecological features; observe endangered and threatened species.
- Assist TDOT staff with environmental duties related to TDOT roadway and bridge projects.
- Coordinate with office staff to review water quality permits, assessments, and applications.
- Assist in the analysis of NEPA documents.

Qualifications

- Environmental Science, Earth Science, Wildlife/Fishery Science, Biology, Ecology, or Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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What we do:

The Region 3 Bridge
Inspection Division
identifies and records
structural or functional
deficiencies, vehicular
collision damage, concrete
or steel deterioration,
scour problems, etc. on
Region 3's share of the
19,822 bridges in the state.

For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



Civil Engineering Intern

Region 3 Bridge Inspection Location: Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 3 Bridge Inspection office located in Nashville, TN. These interns will complete detailed initial, regular, and fracture-critical inspections of common bridge types and their structural components. This will also include identifying the structural significance of fracture critical members and fatigue prone details. In additional, the Bridge Inspection interns will develop the knowledge to identify the load path through various structure types, and how bridge members react to shear forces and bending moment.

Responsibilities

The Bridge Inspection interns will:

- Accompany bridge inspection teams to detect defective bridge components, identify load paths through various structure types, and assess the adequacy of waterway openings.
- Assist bridge inspection personnel completing their assigned task(s) including documenting structural deficiencies with photographs and sketches, recording vertical and horizontal clearance measurements, and recording channel profiles.
- Enter inspection data into databases and software programs and digitize inspection forms into electronic reports.

Qualifications

- Civil Engineering major preferred
- Junior or Senior Class Status required as of May, 2020
- Legally authorized to work in the U.S.
- Effective oral and written communication, decision making, and time management skills preferred.

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downtown Nashville.

What we do:

The Construction offices work with communities and local partners to achieve timely delivery of construction projects providing improved transportation options for multimodal users.

For more information on this division, please see link below:

https://www.tn.gov/content/tn/tdot/find-local-information.html



TDOT Intern

Region 3 Construction Locations: Gallatin & Nashville, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns to work in the regional Construction offices located in Gallatin and Nashville, TN. These interns will assist with construction inspection, environmental inspection, traffic control inspection, construction site safety, and material sampling on roadway and bridge projects throughout the surrounding geographic area.

Responsibilities

- Conduct site inspections on a variety of highway construction projects (widening, new construction, resurfacing, signals, safety improvements, etc.).
- Record Construction Project activities in SiteManager.
- Assist in the preparation of documents necessary for payments to contractors.
- Attend materials testing classes, if available, to obtain certifications for materials sampling and testing.
- Assist in performing environmental and traffic inspections on active jobsites.
- Measure and record quantities for construction projects.
- Learn to read/interpret construction plans, standard drawing, and TDOT specifications.

Minimum Qualifications

- Civil Engineering, or Construction Management major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with foundational transportation engineering concepts.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What we do:

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For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



Civil Engineering Intern

Region 3 Construction Locations: Lawrenceburg, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the regional Construction office located in Lawrenceburg, TN. Throughout the program the Construction intern will gain a general understanding of TDOT specifications, project inspection, and construction practices. These interns will assist project inspectors with construction project inspections, environmental inspections, and Maintenance Quality Assurance activities on roadway and bridge projects throughout the surrounding geographic area.

Responsibilities

- Conduct site inspections on local, active construction projects.
- Assist in the preparation of documents necessary for payments to contractors.
- Attend materials testing classes, if available, to obtain certifications.
- Assist in performing environmental and traffic inspections on active jobsites.
- Assist in Maintenance Quality Assurance inspections.
- Assist in the gathering of project data and performing calculations using survey equipment, multiple computer programs, and other means.

Minimum Qualifications

- Civil Engineering major required
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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What we do:

The Construction offices work with communities and local partners to achieve timely delivery of construction projects providing improved transportation options for multimodal users.

For more information on this division, please see link below:

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Civil Engineering Intern

Region 3 Construction
Locations: Clarksville, Columbia, and McEwen, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns to work in regional Construction offices located in Clarksville, McEwen, and Columbia, TN. Throughout the program the Construction interns will gain a general understanding of TDOT specifications, project inspection, and construction practices. These interns will assist project inspectors with construction project inspections, environmental inspections, and Maintenance Quality Assurance activities on roadway and bridge projects throughout the surrounding geographic area.

Responsibilities

- Conduct site inspections on local, active construction projects.
- Assist in the preparation of documents necessary for payments to contractors.
- Attend materials testing classes, if available, to obtain certifications.
- Assist in performing environmental and traffic inspections on active jobsites.
- Assist in Maintenance Quality Assurance inspections.
- Assist in the gathering of project data and performing calculations using survey equipment, multiple computer programs, and other means.

Minimum Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Strong communication skills and willingness to work with others preferred.

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What we do:

The Region 4 Project
Development Division
directs the administrative,
engineering and technical
activities for design, rightof-way acquisition, utility
relocation and survey for
projects within the 21
counties of Region 4.

For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



TDOT Intern

Region 4 Right-of-Way Location: Jackson, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 4 Project Development Division (Right-Of-Way Section) located in Jackson, TN. These interns will assist with projects such as acquisition, clearance, and utility adjustments of right-of-way. Other functions include contract administration, cost estimates, right-of-way plan reviews, hazardous materials mitigation, relocation assistance, property management, and excess land disposal.

Responsibilities

- Assist Right-of-Way staff with the following: Cost estimates, Title searches, Appraisals and appraisal reviews, Relocations and property management, and Condemnations.
- Attend preliminary group inspections and right-of-way field reviews.
- Work with Excess Land staff on processing requests to purchase excess land owned by the State.
- Work with Right-Of-Way agents on acquisitions and relocations on major highway projects.
- Assist Right-of-Way staff processing voucher requests, maintaining project files, and filing condemnations.

Minimum Qualifications

- Business, Real Estate, Finance, or Pre-Law majors required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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What we do:

The Region 4 Traffic Division conducts traffic engineering studies and manages signals, lighting, and signage for highways within the 21 counties of West Tennessee.

For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



Civil Engineering Intern

Region 4 Traffic Location: Jackson, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Region 4 Traffic Division located in Jackson, TN. This intern will assist TDOT Traffic engineering staff in with traffic studies along with issuing highway entrance permits. Also, this intern will apply transportation engineering principles and techniques to improve the quality, operations and safety of Tennessee State roadways. Methods implemented will include traffic engineering studies, traffic simulation and analysis, field data collection, sign and marking evaluations and consideration of solutions to traffic operations and safety concerns.

Responsibilities

- Collect data during speed and intersection studies.
- Analyze data collected during field traffic studies.
- Review highway marking signs.
- Prepare work orders for signing / highway marking installations.
- Review and prepare permit applications.

Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with MicroStation, or Synchro software preferred.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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TDOT Intern

Region 4 Environment Location: Jackson, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern for the Region 4 Environment office located in Jackson, TN. This intern will assist with identification and gathering of data on species and natural resources, for the purpose of designating environmental boundaries associated with road construction activities. This intern will also help regional location ensure compliance with federal environmental regulations.

Responsibilities

- Identify environmental and ecological features and gather data.
- Compile field data and enter it into databases and reports in order to comply with regulations.
- Provide guidance and field support to individuals and/or agencies.
- Work with Operations/Field & Facility personnel to advise and assist regional locations to ensure compliance with applicable RCRA and Clean Water Act mandates.

Qualifications

- Agriculture, Biology, Geoscience, or Natural Resource Management major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

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What we do:

The Region 4 Materials and Tests Division monitors the quality and performance of West TN's highway network by performing field evaluations, conducting production facility reviews, performing laboratory tests, and analyzing a variety of data.

For more information on this division, please see link below:

https://www.tn.gov/conten t/tn/tdot/find-localinformation.html



Civil Engineering Intern

Region 4 Materials & Tests Location: Jackson, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 4 Materials and Tests division located in Jackson, TN. These interns will assist technicians with responsibilities at the prestress yard and responsibilities in the soils and asphalt laboratories. This will include but is not limited to field tests of concrete, inspection of products before/during/post pours, distribution of test results and data entry into the Material's database. In addition, the Materials interns will work with lab technicians on gradations, proctors and classifications of aggregates and soils, and analyzing asphalt mix designs for compliance with Standard Specifications.

Responsibilities

- Inspect materials of various components to be used in construction projects.
- Test the composition of aggregate, soils, and asphalt in the lab.
- Participate in site visits to complete pavement analysis or independent assurance testing.
- Conduct inspections prior to a concrete pour or the review of piling prior to shipment.
- Run a gradation of aggregate or completing a proctor on soils.
- Conduct testing for Theoretical Gravities, specimens, and use Ignition Ovens to determine asphalt contents.

Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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For more information on this division, please see link below:

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Civil Engineering Intern

Region 4 Bridge Inspection Location: Jackson, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns for the Region 4 Bridge Inspection office located in Jackson, TN. These interns will complete detailed initial, regular, and fracture-critical inspections of common bridge types and their structural components. This will also include identifying the structural significance of fracture critical members and fatigue prone details. In additional, the Bridge Inspection interns will develop the knowledge to identify the load path through various structure types, and how bridge members react to shear forces and bending moment.

Responsibilities

The Bridge Inspection interns will:

- Accompany bridge inspection teams to detect defective bridge components, identify load paths
 through various structure types, assess the adequacy of waterway openings, learn about
 erosion/scour concerns, and learn the different bridge members/material.
- Assist bridge inspection personnel completing their assigned task(s) including documenting structural deficiencies with photographs and sketches, recording vertical and horizontal clearance measurements, and recording channel profiles.
- Enter inspection data into databases and software programs and digitize inspection forms into electronic reports.

Qualifications

- Civil Engineering major preferred.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Effective oral and written communication, decision making, and time management skills preferred.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

Please attach a two (2) page maximum résumé and a transcript to your application.

<u>Selected candidates will be required to provide two letters of reference (professional, or personal).</u>

Pursuant to the State of Tennessee's Workplace Discrimination and Harassment policy, the State is firmly committed to the principle of fair and equal employment opportunities for its citizens and strives to protect the rights and opportunities of all people to seek, obtain, and hold employment without being subjected to illegal discrimination and harassment in the workplace. It is the State's policy to provide an environment free of discrimination and harassment of an individual because of that person's race, color, national origin,

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Jackson. TDOT's
headquarters is located in
downtown Nashville.

What we do:

The Construction offices work with communities and local partners to achieve timely delivery of construction projects providing improved transportation options for multimodal users.

For more information on this division, please see link below:

https://www.tn.gov/content/tn/tdot/find-local-information.html



Civil Engineering Intern

Region 4 Construction
Location: McKenzie & Trenton, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the Region 4 Construction offices located in McKenzie and Trenton, TN. These interns will assist with construction, environmental inspection, and Maintenance Quality Assurance activities on roadway and bridge projects throughout the surrounding geographic area. This will include troubleshooting technical issues, performing technical calculations, assisting with inspections, testing materials, measuring quantities, and plans reading.

Responsibilities

- Conduct site inspections on local, active construction projects.
- Assist in the preparation of documents necessary for payments to contractors.
- Attend materials testing classes, if available, to obtain certifications.
- Assist in performing environmental and traffic inspections on active jobsites.
- Assist in Maintenance Quality Assurance inspections.

Minimum Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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TDOT Intern

Region 4 Construction
Locations: Jackson, Bethel Springs, Brownsville, TN
Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring student interns to work in the regional Construction offices located in Jackson, Bethel Springs, and Brownsville, TN. These interns will get an overview of the different projects that our construction offices are responsible for such as major grading projects, bridge construction, resurfacing, safety improvement projects, and maintenance contracts. Over the course of the program the intern will become familiar with Materials and Tests Standard Operating Procedures, TDOT Specifications, Plans Reading, Circular Letters, Contracts, and Special Provisions.

Responsibilities

- Assist field staff to learn the day to day operations of a District Construction office.
- Conduct site inspections on local, active construction projects.
- Assist in the preparation of documents necessary for payments to contractors.
- Attend materials testing classes, if available, to obtain certifications.
- Assist in performing environmental and traffic inspections on active jobsites.
- Assist in Maintenance Quality Assurance inspections.

Minimum Qualifications

- Civil Engineering, or Construction Management major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with foundational transportation engineering concepts.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

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Civil Engineering Intern

Region 4 Construction Location: Memphis, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the regional Construction office located in Memphis, TN. Over the course of the program, this intern will get an overview of the different projects that our construction offices are responsible for such as major grading projects, bridge construction, resurfacing, safety improvement projects, and maintenance contracts.

Responsibilities

- Assist field staff to learn the day to day operations of a District Construction office.
- Complete Daily Work Reports (DWRs) to document all activity performed on a project and enter into SiteManager database.
- Learn to read and interpret construction projects plans and TDOT specifications.
- Conduct site inspections on local, active construction projects.
- Assist in the preparation of documents necessary for payments to contractors.
- Attend materials testing classes, if available, to obtain certifications.
- Assist in performing environmental and traffic inspections on active jobsites.
- Assist in Maintenance Quality Assurance inspections.

Minimum Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with foundational transportation engineering concepts.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

Please attach a two (2) page maximum résumé and a transcript to your application.

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What we do:

The Maintenance Office is responsible for snow and ice removal (winter), highway mowing (summer), debris removal, pavement management, development of roadway maintenance contracts, and facility maintenance.

For more information on this division, please see link below:

https://www.tn.gov/content/tn/tdot/find-local-information.html



Civil Engineering Intern

Region 4 Maintenance Location: Arlington, TN Compensation: 12.50/hour

Overview

The Tennessee Department of Transportation is currently hiring a student intern to work in the regional Maintenance office located in Arlington, TN. This intern will become familiar with operations scheduling, construction inspection, road evaluation, permitting processes, traffic control and safety objectives.

Responsibilities

- Performing Maintenance Quality Assurance inspections (MQA's)
- Contract analysis in computer software programs
- Roadway and bridge inspections
- Asphalt and concrete analysis
- Review Right-of-Way Permits and inspect contractor activities
- Review Daily Work reports sent by Technician Seniors

Minimum Qualifications

- Civil Engineering major required.
- Junior or Senior Class Status required as of May 2020.
- Legally authorized to work in the U.S.
- Familiarity with Microsoft Office and foundational transportation engineering concepts.

To be considered for these positions, please apply at https://www.surveymonkey.com/r/PJG6ZY5

Please attach a two (2) page maximum résumé and a transcript to your application.

<u>Selected candidates will be required to provide two letters of reference (professional, or personal).</u>