

Assistant Professor of Transportation Engineering-1142
University of Maine

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Posted Feb. 18, 2025, set to expire Jun. 22, 2025

Job Title Assistant Professor of Transportation Engineering-1142
Department Civil and Environmental Engineering
Institution University of Maine
Orono, Maine

Date Posted Feb. 18, 2025

Application Deadline Mar. 18, 2025
Position Start Date Sep. 1, 2025

Job Categories Assistant Professor

Academic Field(s) Transportation Engineering
Civil Engineering

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Job Description

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The Department of Civil and Environmental Engineering (CIE) at the University of Maine (UMaine) invites applications for a tenure track Assistant Professor position in transportation engineering. The desired areas of expertise may include but are not limited to transportation design, transportation safety, traffic engineering, highway design, safe systems approach, multimodal rural transportation systems, smart transportation systems, network modeling, public transportation, transportation-related artificial intelligence, data science, cybersecurity, and transportation technologies that enhance infrastructure resilience. The CIE program is especially interested in applicants with expertise in transportation infrastructure design and an interest in incorporating design and safety in the curriculum, and with research interests that include the design of highways, urban streets, intersections, roundabouts, and active transportation facilities.

Candidates will engage in instruction of fundamental and applied transportation engineering courses at both the undergraduate and graduate levels and enhance the Department's existing curriculum; establish and maintain a nationally competitive, externally funded research program; author high-quality peer-reviewed publications; train M.S. and Ph.D. students; and actively engage in service to the profession, university, and state. This position is 50% teaching and 50% research. The successful candidate will be expected to obtain licensure as a professional engineer (PE) before promotion to associate professor.

Information about the CIE Department can be found at www.civil.umaine.edu. The successful candidate will join a dynamic engineering program dedicated to high-quality teaching, scholarship, and service – where faculty support work-life integration. The [EMPOWER program](#) supports faculty at multiple stages of career development in their quest to achieve significant professional growth and advancement, including in research and scholarly activity. UMaine annually supports faculty to participate in the NCFDD [Faculty Success Program](#).

The Department of Civil and Environmental Engineering is part of the statewide Maine College of Engineering and Computing (MCEC), which brings together the natural synergies of all engineering disciplines with computing and provides the technical workforce and innovations that are critical to moving our economy forward. MCEC includes the College of Engineering and School of Computing and Information Science at UMaine, the Department of Engineering at the University of Southern Maine (USM), along with other collaborators including the Department of Computer Science at USM and computing programs at the University of Maine at Augusta (UMA) and other campuses within the University of Maine System.

UMaine is the state's primary graduate degree-granting institution. The University is Maine's designated Land Grant and Sea Grant institution, with an R1 Carnegie Classification. Several UMaine

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colleges, interdisciplinary research centers, and institutes afford excellent opportunities for collaborative research. These include the Margaret Chase Smith Policy Center, Center on Aging, Virtual Environment and Multimodal Interaction (VEMI) Laboratory, Advanced Structures and Composites Center (ASCC), Climate Change Institute, Senator George J. Mitchell Center for Sustainability Solutions, and the Advanced Computing Group and Advanced Research Computing, Security, and Information Management (ARCSIM), which offers significant computational resources to support high-performance computing, advanced data storage and management, and visualization.

About the University:

The University of Maine is a community of more than 11,900 undergraduate and graduate students, and 2,500 employees located on the Orono campus, the regional campus in Machias, and throughout the state. UMaine is a land, sea and space grant university, and maintains a leadership role as the University of Maine System's flagship institution. UMaine is the state's public research university and a Carnegie R1 top-tier research institution, dedicated to providing excellent teaching, research and service for Maine, the nation and the world. More information about UMaine is at umaine.edu.

The University of Maine offers a [wide range of benefits](#) for employees including, but not limited to, tuition benefits (employee and dependent), comprehensive insurance coverage including medical, dental, vision, life insurance, and short and long term disability as well as retirement plan options. As a former NSF ADVANCE institution, the University of Maine is committed to diversity in our workforce and to dual-career couples.

UMaine is located in beautiful Central Maine. Many employees report that a primary reason for choosing to come to UMaine is quality of life. Numerous cultural activities, excellent public schools, safe neighborhoods, high quality medical care, little traffic, and a reasonable cost of living make the greater Bangor area a wonderful place to live. Learn more about what the Bangor region has to offer [here](#).

Qualifications:

Required:

- By the hire date, applicants must hold B.S. and Ph.D. degrees in Civil Engineering or a closely related discipline specializing in transportation engineering.
- Experience with transportation engineering research and a record of publications in high-quality peer-reviewed journals.

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Preferred:

- Demonstrated evidence of, or potential for, excellence in teaching and mentoring transportation engineering students.
- Potential to collaborate with at least one research center or institute.

Other Information:

To be considered for this position you will need to “Apply” and upload the documentation listed below:

- 1.) a cover letter which describes your experience, interests, and suitability for the position
- 2.) a resume/curriculum vitae including ORCID number
- 3.) a research statement (maximum length per statement: two pages)
- 4.) a teaching statement and summary of teaching evaluations, if applicable (maximum length per statement: two pages)
- 5.) a diversity and inclusion statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion

Candidates selected to proceed to the final stages of the search process will be requested to provide a list of names and contact information for references.

Incomplete application materials cannot be considered. Materials received after the initial review date will be reviewed at the discretion of the University.

For full consideration, all materials must be submitted by 4:30 p.m. EST on March 18, 2025.

For questions about the search, please contact search committee chair Professor Roberto Lopez-Anido at rla@maine.edu or 207-581-2119.

The successful applicant is subject to appropriate background screening.

In complying with the letter and spirit of applicable laws and pursuing its own goals of diversity, the University of Maine System does not discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status, gender, gender identity or expression, ethnicity, national origin, citizenship status, familial status, ancestry, age, disability physical or mental, genetic information, or veterans or military status in employment, education, and all other programs and activities. The University provides reasonable accommodations to qualified individuals with disabilities upon request. The following person has been designated to handle inquiries regarding non-discrimination policies:

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Director of Equal Opportunity, 5713 Chadbourne Hall, Room 412, University of Maine, Orono, ME 04469-5713, 207.581.1226, TTY 711 (Maine Relay System).

Clery Act

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, or Clery Act, mandates that all Title IV institutions, such as the University, prepare, publish and distribute an Annual Security Report, (ASR) and provide notice of the availability of the ASR to all prospective employees. This report consists of two basic parts: disclosure of the University's crime statistics for the past three calendar years; and disclosures regarding the University's current campus security policies. You may [view the University's Annual Security Report](#). If you wish to have a paper copy of the ASR or you need to have a copy of the ASR in an accessible format, the University will provide such a copy upon request. Please contact: UMaine Police Department, 81 Rangeley Rd., The University of Maine, Orono, ME 04469-5794, or call 207.581.4053.

EEO/AA Policy

The University of Maine is an EEO/AA employer and does not discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status, gender expression, national origin, citizenship status, age, disability, genetic information, or veteran's status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding non-discrimination policies: Amie Parker, Director of Equal Opportunity, 101 North Stevens Hall, University of Maine, Orono, ME 04469-5754, 207.581.1226, TTY 711 (Maine Relay System)

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Roberto Lopez-Anido
Civil and Environmental Engineering
University of Maine
5711 Boardman Hall
Orono, ME 04469

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