



**Wayne State University**  
**Department of Civil and Environmental Engineering**  
**Post-Doctoral Fellow Position in Transportation Engineering**

The Department of Civil and Environmental Engineering (CEE) at Wayne State University (WSU) invites applications for a post-doctoral scholar in Transportation Engineering. This position is intended to strengthen the actively growing Transportation Research Group staffed by senior and junior faculty, research associates, and graduate students. The Wayne State University Transportation Research Group (WSU-TRG) is located in the state of the art Urban Infrastructure Laboratory on WSU's main campus in midtown Detroit. The WSU-TRG research projects undertaken over the past 5 years have included topics such as: work zone traffic control and safety, development of statewide safety performance functions and crash modification factors, safety performance evaluations of statewide counter measures such as centerline and shoulder rumble strips, development of regional pedestrian and bicycle safety programs, development of PUPIL pedestrian safety programs, and development of work zone mobility performance measures. TRG sponsors have included MDOT, FHWA, NHTSA, NCHRP, USDOT, consulting engineers, and other local agencies. The prospective candidate should be highly motivated to perform research and publish in the transportation field with a focus on traffic operations. The candidate should also have experience with and active interest in intelligent transportation systems (ITS), traffic signal technology, connected and autonomous vehicles, or other contemporary technologies in the transportation field. Applicants will have either demonstrated, or shown a clear potential for, creative and independent research that would lead to strong extramurally-funded research and national/international recognition. The candidate should have: Good problem solving skills, good interpersonal, communication and presentational skills, and the ability to interact effectively with staff at all levels. The position is a 12 month appointment starting in August 2017, and salary will be based on candidate qualifications. Applications will be screened as they are received, and the position will remain open until it is filled.

Essential Duties and Responsibilities will include:

1. Perform research related to Probe Vehicle Data, Traffic Signal Systems, and Connected Vehicles
2. Maintain laboratory equipment to meet unique needs of the research activity.
3. Assist with preparation of grant proposals, presentations, and publications.
4. Actively seek new collaborative projects within the department and externally
5. Supervise undergraduate and graduate students.
6. Perform other related duties as assigned.

WSU is one of the 115 doctoral institutions in the US holding the Highest Research Activity (R1) Carnegie classification. The Department offers BS, MS and Ph.D. degree programs and has experienced increasing annual research expenditures from competitive federal, state, local and private sources that have averaged over \$2.0 Million over the past 5 years with 10 faculty. More information about the department can be found at <http://engineering.wayne.edu/cee/>.

Applicants must submit a single PDF document through the University's online hiring system at <https://jobs.wayne.edu> (click "Search Postings" and enter Posting Number : **042866** ). Submission must include (1) cover letter, (2) a curriculum vitae, (3) a list of two professional references, and (4) two representative publications, if there are any publications.

Review of applications will begin immediately and will continue until the position is filled

For further information, please contact Steve Remias ([sremias@wayne.edu](mailto:sremias@wayne.edu) or 313-577-3854).