

**Rod E. Turochy**  
**James M. Hunnicutt Associate Professor**  
**223 Harbert Engineering Center**  
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### **Education**

- Ph.D., Civil Engineering, University of Virginia, 2001
- M.S., Civil Engineering, Virginia Polytechnic Institute and State University, 1997
- B.S., Civil Engineering, Virginia Polytechnic Institute and State University, 1991

### **Academic Experience**

- Auburn University, *James M. Hunnicutt Associate Professor*, 2015–present
- Auburn University, *Associate Professor*, 2007–2015
- Auburn University, *Assistant Professor*, 2001–2007
- Virginia Transportation Research Council, *Research Scientist*, 2000–2001
- University of Virginia, *Graduate Research Assistant*, 1997–1999, part-time
- Virginia Tech, *Graduate Research Assistant*, 1996–1997, part-time

### **Non-Academic Experience**

- Virginia Department of Transportation, *Transportation Engineer*, 1995
- Virginia Department of Transportation, *Transportation Engineer Trainee*, 1992–1995

### **Professional Registration or Certifications**

- *Professional Engineer*, Alabama, No. 25703
- *Professional Engineer*, Virginia, No. 33069

### **Current Membership in Professional Organizations**

- American Society of Civil Engineers (ASCE)
- Institute of Transportation Engineers (ITE)
- Intelligent Transportation Society of America (ITS America)
- American Society for Engineering Education (ASEE)

### **Honors and Awards**

- *Names James M. Hunnicutt Associate Professor in Traffic Engineering*, 2015
- *Undergraduate Teaching Excellence Award*, Auburn Alumni Association, 2014
- *William F. Walker Merit Teaching Award*, Samuel Ginn College of Engineering, Auburn University, 2008
- *James M. Robbins Southern District Award for Excellence in Teaching*, Chi Epsilon National Civil Engineering Honor Society, 2007
- *Outstanding Faculty Member*, Department of Civil Engineering, 2007

### **Service Activities**

*Auburn University*

- Member, Graduate Program Committee, Dept. of Civil Engineering, 2007–present (Chair, 2007–2013)
- Member, Master Plan Committee, 2007–2015

- Member, Traffic and Parking Committee, 2005–2011
- Faculty Advisor, Auburn University Student Chapter, Institute of Transportation Engineers, 2003–present

*External to Auburn University*

- President, Alabama Section, Institute of Transportation Engineers, 2016
- Member, Executive Committee, Traffic Engineering Council, Institute of Transportation Engineers, 2016–present
- Member, Committee on Transportation Education and Training, Transportation Research Board, 2013–present
- Member, Executive Committee, Transportation Education Council, Institute of Transportation Engineers, 2012–present

**Most Important Publications and Presentations (Last 5 years)**

- Ozelim, Luana, and Rod E. Turochy. “Modeling of Retroreflectivity Performance of Thermoplastic Pavement Markings in Alabama.” *Journal of Transportation Engineering*, Vol. 140, No. 6, Jun. 2014.
- Mai, Derong, Rod E. Turochy, David H. Timm. “Quality Control of Weigh-In-Motion Data Incorporating Threshold Values and Rational Procedures.” *Transportation Research C*, Vol. 36, pp. 116-124, Nov. 2013.
- Mai, Derong, Rod E. Turochy, and David H. Timm. “Correlation-Based Clustering of Traffic Data for the Mechanistic-Empirical Pavement Design Guide.” *Transportation Research Record: Journal of the Transportation Research Board* 2339, pp. 104-111, 2013.
- Turochy, Rod E., Jon Fricker, H. Gene Hawkins, Jr., David S. Hurwitz, Stephanie S. Ivey, Michael A. Knodler, Jr., and Rhonda K. Young. “Assessment of Introductory Transportation Engineering Course and General Transportation Engineering Curriculum.” *Transportation Research Record: Journal of the Transportation Research Board* 2328, pp. 9-15, 2013.
- Turochy, Rod E. “Structuring the Content of the First Course in Transportation Engineering: Perspectives of Engineers and Educators.” *Journal of Professional Issues in Engineering Education and Practice*, Vol. 139, No. 3, pp. 206-210, Jul. 2013.
- Watts, Mikkel, Wesley C. Zech, Rod E. Turochy, Derek Holman, Jeffrey J. LaMondia. “Effects of Vehicle Volume and Lane Closure Length on Construction Road User Costs in Rural Areas.” *Transportation Research Record: Journal of the Transportation Research Board* 2268, pp. 3-11, 2012.
- *Development of a Highway Safety Workforce for Alabama*, presented at the 59<sup>th</sup> Annual Alabama Transportation Conference, Montgomery, Alabama, February 9, 2016.
- *Work Zone Safety*, presented at the First Annual Rural Road Safety Conference, Guntersville, Alabama, October 2, 2014.
- *Status of Transportation Engineering Curricula*, presented at the Transportation Engineering Educators Conference/Workshop, Seattle, Washington, August 1, 2012.

**Recent Professional Development Activities**

- Regularly participate in technical committee activities and attend technical sessions at meetings of the Transportation Research Board and the Institute of Transportation Engineers.