

Peter Kozey, EIT

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GOALS

To further develop my skills in traffic engineering. I anticipate PE licensure in 2018, having passed the PE exam in 2016, currently seeking full-time employment in the New York metro area beginning September 2017.

EDUCATION

Master of Science, 2015: **University of California – Berkeley**

Department: **Civil and Environmental Engineering**; Program: **Transportation Engineering**

Cumulative GPA: **3.81**

Bachelor of Engineering, 2014: **Vanderbilt University**, Nashville, TN

Major: **Civil Engineering**; Minor: **Engineering Management**

Civil Engineering GPA: **3.97**; Engineering GPA: **3.91**; Cumulative GPA: **3.76**

PUBLICATION

Kozey, P., Xuan, Y., Cassidy, M.J., 2016. A low-cost alternative to higher capacities at four-way signalized intersections. *Transportation Research Part C: Emerging Technologies* Vol. 72 (November 2016), 157–167.

- This self-motivated paper proposes and analyzes an independently designed intersection plan that orchestrates four simultaneous protected left-turn movements

PROFESSIONAL EXPERIENCE

Transportation Engineer

HNTB Corporation

June 2015 to present

Houston, TX

- **Beltway 8 Frontage Road Corridor Study**
 - Primary EIT in all facets of the study including existing conditions report, traffic forecasting, proposing short- and long-term improvements, diagrammatic design in **MicroStation**, traffic modeling in **VISSIM** and **Synchro**, and cost estimates for a 9-mile frontage road segment with 18 diamond interchanges
- **North Houston Highway Improvement Project – Phase II: Schematic Design**
 - Assisted in unique elements of an estimated \$7 billion project including traffic analysis oversight, traffic noise modeling, Houston Bike Plan design accommodations, and preparation of various design exhibits on the re-routing of Houston's downtown highway system where three interstates traverse
- **Sam Houston Tollway East Widening – Intelligent Transportation Systems (ITS) PS&E**
 - Design team member for the relocation of ITS devices (dynamic message signs, CCTV traffic cameras, Bluetooth readers, and vehicle radar) and electronic tolling along a 12-mile tollway segment

Highway Safety and Operations Intern (with EIT certification)

Federal Highway Administration – Rhode Island Division

June to August 2014

Providence, RI

Highway Design Student Assistant

Smith Seckman Reid, Inc.

August 2013 to May 2014

Nashville, TN

Transportation Research Intern

Center for Transportation Research at the University of Texas – Austin

June to December 2013

Austin, TX

Quality Control Intern

North Hills Signal Processing Corporation

May to July 2012

Syosset, NY

LEADERSHIP ROLES

- **President, Institute of Transportation Engineers (ITE) Student Chapter, Vanderbilt University, 2013-2014**
 - Current ITE member and registered Vanderbilt ITE student chapter in 2013, recruiting 18 students
- **Vice President, Transportation Graduate Student Organizing Committee, UC-Berkeley, 2014-2015**
- **Lunch & Learn Coordinator, HNTB Houston Office, 2016**
- **HNTB Leadership Candidate, HNTB Houston Office, 2017 – present**