

Chaffee Y. Yiu, EIT

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Education: **California State University - Long Beach**
BS: Civil Engineering, 2005
MS: Civil Engineering, 2010

Professional License: **California Engineering-In-Training (E.I.T.) (# 122785)**
California CE Pending (Re-test on Oct 27, 2011)

Professional Affiliation: **American Society of Civil Engineers**
Institute of Transportation Engineers

Background and Experience:

- **Assistant Engineer, KOA Corporation** (Oct 2007-April 2011)
Major Project Experiences: OCTA Traffic Signal Synchronization Master Plan, OCTA Rose Dr/ Tustin Avenue Grade Separation, Grand Avenue Interchange Improvement Study, Salt Lake City City-wide signal synchronization, Metropolitan Transportation Commission (MTC) signal timing project. City of Long Beach Bicycle Master Program.
- **Engineer Intern, KOA Corporation** (Dec 2006-Sep 2007)
Major Project Experiences: Culver City Signal Timing Project, City of Malibu Speed Survey
- **Research Assistant, CSULB Civil Engineering Department** (Jan 2005- Dec 2006)
Projects assisted: Dr. E.M. Parentela & Dr. A. Ronnau. "Agent-Based Approach to Modeling Driver Behavior".
Projects assisted: Dr. J. Torabzadeh & Dr. E.M. Parentela. "Metro Expo line light rail safety design"

Publications and Presentations:

- **International Transportation Engineer Fall Conference, October 19-21, 2005, Las Vegas, NV. Presentation: Speed Study on Freeway and Intersections.**

Professional Skills

- Traffic Planning and Operational Analysis; Data Management and Graphic Presentation; Signal Timing Design; Proficient in computer programs: MS Office Suite, Synchro, Traffix, FREQ, HCS 2000, Adobe Illustrator & Photoshop, ARCGIS, Traffic Controller (170 & 2070), PC Travel, TSPP and Webpage (HTML) design. Personal website (<http://www.chaffeeyu.com>)
- Basic skill and knowledge transportation facility design; Some experiences in AutoCAD, TRANSCAD, Vissum, Visum and TSIS software.