

Jeffrey Lambert, EIT

Certificate No. EIT 162144
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Objective: Employment as a Civil Transportation Engineer

Education: B.S. Civil Engineering, Cal Poly Pomona, Graduating in June 2018

Skills:

- Microstation and Inroads
- AutoCAD and Civil3D
- Microsoft Office
- Teamwork and Project Management

Experience:

Student Assistant at Caltrans District 8 Design I, November 2015 - Present

- Plans, Specifications, and Estimates Preparation
 - Prepared utility pothole plans for Cedar Ave bridge replacement project
 - Prepared construction details for utility pads, sound walls, utility conduits, etc.
 - Conducted ADA compliance checks using District 8 checklists and DIB 82-06
 - Quantity and cost estimation using Microstation and Excel
- Field trips and site visits
 - Accompanied engineers to meet with Caltrans personnel at project sites
 - Investigate utility locations and conditions to determine conflicts
- Caltrans software and online services
 - IPlot
 - PRSM
 - Online As-Built retrieval
 - GIS Services
- Project history file assembly using Caltrans Uniform File System

Student Volunteer at Caltrans District 8 Design I, July 2015 - October 2015

- Prepared geometric design options for I-40 Colorado River bridge replacement
- Reviewed quantity estimates and prepared title sheets and key map layouts

Academic Projects and Experience:

Senior Project

- Project Manager for Cal Poly Senior Project involving improvement of SR-60
- Duties include scheduling, task delegation, QA/QC of plans and reports, presentations, communication with Caltrans Advisers, report preparation, and workflow management

CE 222/222L - Highway Engineering

- Type F-6 Interchange Design Project using Caltrans HDM with Microstation and Inroads
- Used Inroads and Microstation to create cross sections and horizontal and vertical alignments

CE 428/428L - Urban Transportation

- Applied 4-step model to a city using TransCAD to improve transportation system

CE 482/482L - Subdivision Design

- Prepared grading plan, profile plan, and tentative tract map for a subdivision using Civil3D