

Ruby Pelayo

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Education

California Polytechnic State University, Pomona

Expected Graduation: June 2018

Major: Civil Engineer with a focus on Transportation

Work Experience

Riverside County Transportation & Land Management Agency

Surveying Department: June 2017 – August 2017

- Reviewing plans, Creating Right of Way maps, Drafting, Creating Plats and Legals

Traffic Department: September 2017 – Present

- Developing Striping and Signing plans for multiple projects, Participated in designing proposed Signal plans, Cost estimates

Academic Projects

Senior Project

Geometric Design Team Member: Fall 2017 – Present

- Convert an existing four lane expressway into a six-lane freeway with a controlled access interchange.

Related Coursework

Technical Communication, Role of Design Professional in Society, Highway Engineering & Lab, Engineering Economics, Transportation Engineering & Lab

Organizations

Women Transportation Seminar (WTS)

Events Coordinator: Fall 2017 – Present

- Organizing events that will provide students networking opportunities with both professionals and fellow students.

Public Relations: Fall 2016 – Spring 2017

- Publicizing meeting and events, maintaining the communication between the club, and gaining visibility or awareness of the club.

Society of Women Engineering (SWE)

Club Member: Fall 2013 – Spring 2014

American Society of Civil Engineers (ASCE)

Club Member: Fall 2015 – Present

Skills

Technical - InRoads, CAD, Microstation, Revit, Building Information Modeling (BIM), Vissim, Microsoft Office, Bluebeam, ArcGIS
Operation of survey equipment such as Total Stations, Auto Levels, and Laser Levels

Non- Technical – Fluent in both English and Spanish

Volunteer/Activities

Shafter Youth Center: 2011 – 2015

Participation in Relay for Life: 2014 – 2016

Cal Poly Pomona Welcome Week Mentor: 2015