

## Christian Esteban, STP CA

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### PROFILE

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Graduating Civil Engineering student seeking full-time employment in transportation engineering.

**I will be taking the EIT exam on July 15, 2018**

### EDUCATION

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CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

September 2015 - Present

**B.S. Civil Engineering**

**Expected Graduation: June 2018**

### EMPLOYMENT HISTORY

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Advanced Civil Technologies (ACT)

Santa Ana, CA

**Staff Engineer/Intern**

March 2018 – Present

- **Project Initiation Report for Asset Management Roadway Rehabilitation Project on I-215**
  - Caltrans's Pavement Rehabilitation Program under the State Highway Operation and Protection Program (SHOPP) has identified a need for an Asset Management Roadway Rehabilitation project on Riv-215 from PM 13.5 to 19.5 in Riverside County in the city of Menifee. The purpose of this task order is to prepare a Project Initiation Document (PID) in the format of Project Initiation Report (PIR) to establish a well-defined purpose-and-need statement and a scope of work that is tied to a realistic cost estimate and schedule of the project. I was involved on setting up the Vicinity Map, typical cross sections, quantities for dikes and guardrails, and prepare existing Roadway and Structure Geometric Information and Condition table.
- **Project Initiation Report for Asset Management Roadway Rehabilitation Project on I-10**
  - Caltrans's Pavement Rehabilitation Program under the State Highway Operation and Protection Program (SHOPP) has identified a need for an Asset Management Roadway Rehabilitation project on Riv-10 from PM 0.00 to 4.4 in Riverside County in the city of Calimesa. The purpose of this task order is to prepare a Project Initiation Document (PID) in the format of Project Initiation Report (PIR) to establish a well-defined purpose-and-need statement and a scope of work that is tied to a realistic cost estimate and schedule of the project. I was involved on setting up the Vicinity Map, typical cross sections, quantities for Dikes and guardrails, and prepare existing Roadway and Structure Geometric Information and Condition table.

City of Santa Ana Public Works

Santa Ana, CA

**Engineering Design Intern**

October 2016- April 2018

- **Heninger and Madison Neighborhood Improvements, Santa Ana, CA**
  - Engineering Intern responsible for assisting the project manager with an initial field walk-through to evaluate the state of the pavement and determine which streets take priority for improvements including sidewalk, cross gutter, curb ramps, and curb and gutter curbs. Exhibits were produced along with cost estimates for this project. The purpose of this project is to replace existing crack Portland Cement Concrete throughout the street pavement.
- **Westminster Street Rehabilitation Project, Santa Ana/Garden Grove, CA**
  - Engineering Intern responsible for developing all the CADD files needed for the PS&E report. Intern was responsible for files such as; utility, design, topography, and centerline CADD files including construction notes and other call-outs for the contractor. Utility notices were sent out to obtain electrical, gas, and other as-builts from utility companies. The project involved joint coordination with the city of Garden Grove due to the City's rights-of-way included in the scope of the project. A cost estimate was prepared for the PS&E report. I was involved from the beginning of the project to the advertisement portion of the project. The purpose of this project was to replace approximately 1 mile of damaged asphalt concrete pavement.
- **Security Lighting at 8 parks, Santa Ana, CA**
  - Engineering Intern responsible for setting up site plans for 8 different parks and gathering as-builts. The project proposed updating the lighting fixtures at 8 different park locations. This project requires a joint coordination with the Landscape Architect and Parks Recreation division in Santa Ana. Furthermore, the purpose of this project is to update the existing lighting fixtures at each location and update them with current city standard lighting fixtures.

### TECHNICAL PROFICIENCIES

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AutoCAD Civil 3D 2017, Microstation v8i, Inroads, Visual Basic 2015: Basic Coding, Matlab, Vissum, Microsoft Office: Excel, Word, Power Point, Adobe Reader Pro, Inframap, Google Earth Pro, and Google maps.

### SCHOOL INVOLVEMENT

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Achieve Scholar Program (ASP), Institute of Transportation Engineers (ITE), American Society of Civil Engineers (ASCE), and American Public Works Association (APWA)