



Brianny Martinez

Associate II

Department

Engineering Services

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Locations

Los Angeles, CA

Biography

Brianny Martinez is a civil engineer, specializing in structures and construction, having earned her degree from Stanford University in 2022. The academic foundation included Geotechnical Engineering, Structural Design, Building Modeling (Revit), and Management of Fabrication and Construction. She transitioned to commencing her professional journey as a project engineer. During her tenure with an environmental and specialty civil engineering contractor, Ms. Martinez assisted in managing an eight-million-dollar project to expand the disinfection system at Inland Empire Utilities Agency (IEUA). The scope encompassed site excavation/grading, the installation of underground utilities and mechanical systems, and the construction of a concrete structure to accommodate four sodium hypochlorite tanks. In this position, she solidified crucial engineering skills including document review (project specifications, contract drawings, change orders, submittals, RFIs, building codes, etc.), fieldwork planning, daily site inspections/documentation, drawings of as-built/future conditions on AutoCAD, and communication of engineering issues to several parties including the owner/client, subcontractors, and the design engineer. In addition to assisting on the disinfection improvements project, she was assigned as a project manager on a separate project involving the rehabilitation of ductile iron valves for IEUA's recycled water system. Given her previous professional experience, Ms. Martinez is proficient at documenting damage investigations, building code upgrade requirements, and general document review/assessment.

Credentials

- Green Business Certification, Inc. - LEED Green Associate (Training)
- Trench Shoring University - Competent Person for Trenching and Excavation
- CAL OSHA Certification - 10 Hour

Representative Consulting Assignments

- Inland Empire Utilities Agency | Disinfection Improvements Project | Specialized Contractor - Managed building process of a concrete facility to accommodate an expanded sodium hypochlorite disinfection system.
- Inland Empire Utilities Agency | EDV Piping/Valve Repair Project | Specialized Contractor - Managed rehabilitation process for recycled water valves.

Professional Experience

- 2023 - Current | Associate II | YA Engineering Services
- 2022 - 2023 | Project Engineer | Innovative Construction Services
- 2021 - 2021 | Field Engineer Intern | Shimmick Construction

Area of Practice

- Building Code Upgrade Review

- ADA Compliance Assessment
- Damage Assessment

Education

- Stanford University - Civil Engineering - Structures and Construction - Palo Alto - California
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