Luis Ramirez

Construction Surveyor

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SUMMARY

Construction surveyor with 5 years of construction staking on highway, warehouse and utility jobs across the Phoenix metro. Works independently with robotic total stations and GPS, builds machine control models in Trimble Business Center, and checks every hub and grade stake before crews dig.

EXPERIENCE

Construction Surveyor

04/2023 - Present

Sonoran Grade & Paving

Phoenix, AZ

In-house surveyor for a heavy civil and paving contractor.

- Set curb, storm drain and building pad stakes on **12** active sites, often working alone with a robotic total station.
- Build machine control surfaces in Trimble Business Center for 25 dozers and graders, cutting re-staking by 60%.
- Perform grade checking behind paving and fine-grade crews, holding finished subgrade within 0.03 ft.
- Collect as-built surveys of 9 miles of waterline and deliver AutoCAD files to the engineer within 48 hours.

Survey Technician

06/2021 - 03/2023

Valley Layout Services

Mesa, AZ

Layout technician for commercial and industrial contractors.

- Staked anchor bolts, column lines and slab edges for **30** tilt-wall warehouses.
- Calculated offsets and cut sheets from design files for 400+ stakes per week.
- Verified GPS base setups against site control each morning and logged residuals in the daily report.
- Measured as-built pad elevations on 18 lots so the builder could release foundation pours.

SKILLS

- Construction Staking
- Robotic Total Stations
- GPS
- Machine Control
- Trimble Business Center
- AutoCAD
- As-Built Surveys
- Grade Checking
- Work Independently
- Attention to Detail

EDUCATION

Associate of Applied Science

05/2021

Mesa Community College

Mesa, AZ

Construction Technology

CERTIFICATES

OSHA 30-Hour Construction Safety

02/2023

OSHA Training Institute

Certified Survey Technician (CST) Level II

07/2024

National Society of Professional Surveyors