Marcus Delgado

CAD OPERATOR

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SUMMARY

CAD operator with 14 months at a transportation engineering firm, producing roadway plan sheets in AutoCAD and MicroStation for county and city projects. Cleans up scanned as-builts with Raster Design and keeps sheet sets in step with engineer markups. Known for attention to detail and quick turnaround on CAD drafting requests from 4 design disciplines.

SKILLS

Other Skills: AutoCAD, MicroStation, Raster Design, CAD Drafting, Microsoft Office, Excel, Word, PowerPoint, Construction Techniques, Attention to Detail

EXPERIENCE

CAD Operator

08/2025 - Present

Sierra Valley Engineering Group — Sacramento, CA

60-person civil and transportation engineering firm serving cities and counties in Northern California.

- Draft roadway, striping and signage plan sheets in MicroStation, about **35** sheets a month for county road projects.
- Convert scanned as-built drawings into clean linework with Raster Design, recovering 120 legacy sheets for a bridge retrofit.
- Apply engineer redlines in AutoCAD the same day and log every revision in an Excel tracker.
- Coordinate CAD drafting across structural, drainage, traffic and survey teams so layers, title blocks and notes match.

Drafting Intern

06/2024 - 07/2025

Foothill Land Surveying — Roseville, CA

Part-time internship with a 12-person land surveying office while finishing an associate degree.

- Mapped boundary and topographic surveys in AutoCAD from field data, completing 40 survey maps over the year.
- Drafted legal description exhibits in Microsoft Word and matched every bearing and distance to the recorded plat.
- Organized 2,000 archived survey files into an Excel index searchable by parcel number.
- Documented construction techniques for curbs, gutters and retaining walls on 15 site visits with party chiefs.

EDUCATION

Associate of Science

05/2025

American River College — Sacramento, CA

Drafting and Design Technology

CERTIFICATES

Autodesk Certified User: AutoCAD

Autodesk

03/2025