Amy M. Mares
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Detail-oriented and technically skilled Land Surveyor-in-Training (LSIT) with a strong background in geospatial technologies and remote sensing techniques. I am passionate about leveraging LiDAR and photogrammetry data to enhance spatial data accuracy and project efficiency.

Experience
Staff LSIT III | Souder, Miller, & Associates
Albuquerque, New Mexico

April 2018 – Current

- Proficient in Civil3D and Trimble Business Center software to process and analyze field data and produce detailed survey deliverables, including ALTA, boundary, as-built, bathymetric and topographic design surveys.
- FAA Part 107 certified with experience in UAV flight planning, procedures and data processing. Create terrain model deliverables from LiDAR and photogrammetry data.
- Develop CAD standard templates, Trimble templates and feature code libraries.
- Understanding of surveying principles and field procedures. Use and maintenance of field instruments (Trimble), including robotic total stations, data collectors, GNSS units, digital levels, and terrestrial scanners.
- Skilled in interpreting construction plan sets and design files for field layout, identifying and reporting design issues to client.
- Effective communication and collaboration skills, working closely with survey teams, engineers, and clients to meet project goals.

Specialty Supervisor | Whole Foods Market

Albuquerque, New Mexico

May 2015 – April 2018

- Developed creative store layout for product sales, responsible for customer engagement through tastings and presentations.
- Sought out local products that align with company values, maintain relationships with local vendors, educate customers on specialty products.
- Responsible for team member training and scheduling.

Education

B.S. Geography – Pending Graduation Date May 2025

Concentration in Geographic Information Science,
Minor in Management
University of New Mexico | Spring 2022 – May 2025
Albuquerque, New Mexico

A.A.S. Integrated Studies

Central New Mexico Community College
January 2015 – August 2017
Albuquerque, New Mexico

Certifications and Training

Arizona Board of Technical Registration, LSIT #013956

FAA Part 107 UAS Certificate

NSPS Certified Survey Technician III

Certificate, Health Wellness, Public Safety

Notary Public, State of New Mexico

OSHA 10 Hour

ACA CPR and First Aid Training

Software Skills

- Autodesk Civil 3D
- Bentley Openroads Designer
- Trimble Business Center
- Agisoft Metashape
- ESRI ArcPro, ArcMap, Survey123, Quickcapture

- JavaScript, Python.

References
Available upon request.