

LiDAR Project Manager – Survey & Reality Capture

Stahl Sheaffer is currently seeking to hire a **LiDAR Project Manager** to join our Survey & Reality Capture Team. This position can be based in any of our office locations, but Morgantown, WV is preferred.

LiDAR Project Manager Responsibilities:

- Create project work plans and staffing requirements for the group
- Assist the Director of Survey and other Project Managers in preparing project scope and budget
- Perform post processing (registration) of the LiDAR data (mobile and terrestrial)
- Conduct LiDAR data compilation and analysis
- Classify LiDAR point clouds
- Perform GPS post processing
- Extract mapping features from LiDAR point clouds and generate CAD mapping for internal and external clients
- Import geospatial data into AutoCAD, TopoDOT, and/or MicroStation
- Process and input data from multiple sources
- Collaborate with team to identify and apply new technologies within the company

LiDAR Project Manager Required Skills & Experience:

- Comprehensive knowledge of laser scanning fundamentals and surveying principles, equipment, and operations
- Strong background in mobile LiDAR data collection/processing, as well as terrestrial scanning and surveying.
- Excellent computer and technical skills including point cloud registration, Scene, ReCap, AutoCAD Civil 3D, and/or Micro Station (*Edgewise, Solidworks, and Revit are a plus*)
- Experience with Faro laser scan equipment and software is a plus
- Experience with contracts, negotiations, budgets, and estimating
- Proven work history, strong work ethic, and team-player attitude
- Strong problem solving, analytical, and multi-tasking skills
- Ability to self start and adjust to changing priorities
- Leadership skills to manage and support staff for multi-disciplinary projects
- Highly motivated, must be able to work well collaboratively with other technical professionals or independently
- Ability to write legibly and convey technical information as well as the ability to effectively present information
- Familiarity with Microsoft Office programs including Word, Excel, and PowerPoint
- Excellent oral, written, and interpersonal communication with co-workers, clients, and the general public

Minimum Requirements for the LiDAR Project Manager Position:

- At least four years of progressive experience in survey and mapping
- At least two years of progressive experience in 3D scanning and capture, post processing, analysis, and modeling
- Bachelor's degree in Survey, Geomatics, or a related degree preferred (*not required*)
- The ability to obtain state and federal background clearances to permit working on-site when necessary
- A valid driver's license in good standing and daily access to a motor vehicle for possible regional travel

Stahl Sheaffer Engineering is a multi-discipline civil/structural engineering firm that has been providing services since 2006