



# CEG's experts combine conventional surveying with the technology of 3D Modeling to create the best value.



## SERVICES

CEG's experienced survey teams offer comprehensive Land Surveying & Mapping Services to the engineering design and construction industry.

### EFFECTIVE & EFFICIENT USE OF TECHNOLOGY

CEG's team of professionals will work with you to find the best method of data collection for your project. While remaining focused on established surveying principles, our team has implemented industry leading data collection technologies and workflows to deliver solutions that will meet your budget and precision requirements.

CEG recognizes that while technologies change the principles do not, building our workflows around the core of high accuracy control and data validation. Whether the data is collected with a total station, GPS, laser scanner, or UAS platform, our processes start and end with confirming the data meets the project accuracy requirements.

Built on the foundation of spatially accurate data we create 3D models to analyze and extract surface and/or planimetric features. CEG has invested in this technology to provide a safer, streamlined, and all-encompassing approach to projects. Our data is processed and stored in-house, and from these 3D models we can deliver 3D Terrain Models (TIN, DTM, XML, STM or Point Clouds), Ortho-Rectified Imagery, 2D and/or 3D base drawings (in AutoCAD or Micro-Station Format), Elevation/Section Plans and more.

- Boundary Surveys
- Topographic Surveys
- ALTA / NSPS Land Surveys
- GPS/Aerial Mapping Control Surveys
- As-Built Surveys
- Subdivisions
- Easement/Legal Descriptions
- Construction Layout/Stakeout
- Flood Elevation Certificates & LOMA's
- Volumetric/Quantity Surveys
- CAD Drafting and Design
- Expert Witness Testimony
- Forensic Surveys
- Bathymetric Surveys
- Aerial Drone Services
- Aerial Mapping Services
- Aerial Construction Progress Documentation

*Smart. Sustainable. Solutions.*

Micro-Station Format), Elevation/Section Plans and more.



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Cedarville Engineering Group, LLC (CEG) is a **Federally Certified 8(a)/EDWOSB & DBE/WBE Company** specializing in civil engineering, environmental consulting, geospatial and construction services for federal, state, municipal, private and institutional clients. The CEG team of professionals ensure successful projects from concept to planning and design, through permitting and construction, to project acceptance, operations and maintenance. We deliver value through innovation.

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