
SHAUN J. MORRISON

EDUCATION

Universal Technical Institute, Associates of Occupational Studies in Civil Drafting, 1998
Various AutoCAD, Land Desktop and Carlson Civil Training Seminars and Courses

EMPLOYMENT HISTORY

2018 to Present - Sevee & Maher Engineers, Inc. - CADD Manager/Civil Designer/Field Technician
2007 to 2018 - Sevee & Maher Engineers, Inc. - Civil Designer/Field Technician
2004 to 2007 - Pinkham and Greer, Consulting Engineers, Falmouth, Maine - Civil Designer/Drafter
2001 to 2004 - HNTB, Westbrook, Maine - Civil Drafter
1998 to 2001 - DeLuca-Hoffman Associates, South Portland, Maine - Civil Drafter

EXPERIENCE

Mr. Morrison has over 22 years of AutoCAD and Civil Drafting experience, involving site development, highway design, rural and private roadway design, environmental compliance figures, and landfill design. Mr. Morrison works with multiple engineering disciplines, including: Civil, Environmental, Water Resources, Geotechnical, and Hydrogeology. In addition to drafting and design, Mr. Morrison has experience with GPS surveying, construction layout, construction field inspections, and traffic counting. He has assisted with environmental monitoring programs, including sampling landfill gas and soil laboratory testing.

Mr. Morrison is responsible for implementation, distribution, and maintenance of SME's CAD software. He presents in-office training seminars on CAD features and updates.

Typical assignments in his various areas of expertise include:

AutoCAD and Civil Drafting/Design

- Drafting experience includes preparing detailed engineering drawings, including creation of surfaces, volume calculations, existing conditions from raw survey data, grading and drainage plans, road profiles and sections, construction details, stormwater management plans, erosion and sediment control plans, environmental compliance figures and schematics and presentation figures and graphics. Proficient in the use of many computer assisted engineering design software programs such as AutoCAD computer aided drafting software, Carlson Civil, Carlson GIS and Carlson Hydrology software. Production of presentation graphics, using aerial photos, USGS topographic maps, 3D surface renderings and digital photos.
- Coordination of drone mapping and planning, including laying out flight plans and coordination of ground control locations using design software. Using data collected from drone surveys to create Digital Terrain Models (DTM), existing topography, and ground features for clients.
- Volume, cut, and fill calculations using Carlson Civil Software to provide quantities and presentation graphics to clients.
- Preparation of 3-D utility models on complex industrial facilities such as Portsmouth Naval Shipyard in Kittery, Maine, and the Lockheed Martin facility in Marietta, Georgia.