



Civil Designer

The Civil Designer will plan and prepare preliminary layouts, detailed design drawings, and calculations from engineering notes, sketches, and/or other drawings. Florida Design Consultants, Inc. offers a competitive salary commensurate with skills and experience.

Responsibilities and Duties

- Work with Civil engineers and clients to create Grading, Land Development, Utility plans and Profiles, Roadway plans, and Profiles, Concept Plans, and Record Drawings using AutoCAD Civil 3D.
- Perform drafting, editing, and finalizing drawing packages that adhere to company design practices.
- Review drawings for completeness, accuracy, and quality.
- Organize/maintain all project drawing revisions and project-related information.
- Work on many tasks of multiple projects. Tasks are complex requiring innovative, original solutions.
- Leverage experience to guide the design groups to create designs that are functional, economical, maintainable, and constructible.
- Work with other disciplines to provide the best design solutions for clients.
- Work with project engineers and other designers to revise plans according to markups and design revisions.

Required Design Knowledge & Technical Skills

- 3 years of full-time experience performing CAD (Civil 3D) design work.
- Strong knowledge of Civil 3D in a design capacity including but not limited to grading, cross-sections, alignments, profiles, three-dimensional surfaces, earthwork volumes, pressure pipe, and storm pipe networks.
- Experience using/incorporating land or aerial surveying/mapping data files.
- Flexibility to work outside normal business hours as required.
- An Associate's degree in drafting/design from a technical school is preferred.

Typical Project Types

Land and Site Development Projects include paving, grading, drainage, water distribution systems, sanitary sewer systems, storm sewer systems; Urban Roadway Systems; Rural / Highway Systems; Sidewalks & Shared-Use Paths.

Interpersonal/Office Skills:

- Ability to work in a multi-disciplinary team environment.
- Ability to work on several projects simultaneously.
- Positive work ethic
- Punctuality
- Ability to meet given project and production deadlines.