



Elizabeth F. Gaines, PSM

Principal Surveyor / Project Manager



Professional Qualifications

1988 / Professional Surveyor & Mapper
(FL License No. 4576)

Years of Experience

30 years

Professional Affiliations

Florida Surveying and Mapping Society

Education

University of Florida, AA
University of Florida,
Coursework in Surveying
University of South Florida,
Coursework in Geography

Summary

Ms. Gaines has more than 30 years of experience in boundary, hydrographic, topographic and construction surveys with the last 22 years being in direct management of business, personnel and projects. She has supervised multiple field crews and survey technicians. She has been in responsible charge (division manager) of survey operations for a regional office of an *ENR 500* design engineering firm. In 2001 Ms. Gaines established E.F.Gaines Surveying Services, Inc. and currently serves as its president.

Ms. Gaines' professional experience includes managing a wide variety of surveying projects throughout southwest Florida. She has performed boundary, topographic, route, mean high water and erosion control line surveys, prepared subdivision plats and condominium exhibits, coordinated construction layouts and performed G.I.S. (Geographic Information Services) support services. The types of projects she has provided these services for include: roadway and utility design projects; projects involving designs for schools, parks, municipal buildings and airports; residential and golf course communities (single family, multi-family and condominium); stormwater management maps and property appraisal maps (G.I.S. projects).

Relevant Project Experience

Pine Ridge Road Force Main Replacement (Lee County Utilities & Greeley and Hansen) – Perform a route survey for 6100 LF along Pine Ridge Road for utility design purposes (2010).

Summerlin Road Water Main Design (Lee County Utilities & TetraTech) – Perform a route survey for 3.3 miles along Summerlin road for utility design purposes (2009).

Immokalee Water Main Design (Immokalee Water and Sewer District & AECOM) – Perform a route survey for 3.5 miles along various roadways for utility design purposes (2009).

North Lee County Wellfield Expansion (Lee County Utilities, County Lands and Stantec) – Prepare Legal Descriptions and Sketches for acquisition of Well Sites and Well Protection Easements.

Tice Street Sidewalk Design (Lee County DOT & PBS&J) – Perform a Route Survey for 5400 LF of sidewalk design. Prepare Boundary Survey for acquisition purposes.