

# Edward C. Giese

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## Education

**University of South Florida • Tampa, FL**

*Pursuing M.S. in Civil Engineering*

**University of Maryland • College Park, MD (May 2006)**

*B.S. in Civil Engineering*

*Minor in Geographical Information Systems*

**Fundamentals of Engineering Exam • Baltimore, MD (April 2006)**

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## Work Experience

**Post, Buckley, Schuh and Jernigan (PBSJ) • Tampa, FL / Harrisburg, PA**

*Transportation Division – Engineer II*

June 2006 – Present

- Utilize MicroStation and GEOPAK to produce contract plans for clients
- Perform roadway, maintenance of traffic, pavement marking and drainage design tasks
- Led plans production effort for traffic control plans on I-4/Selmon Expressway Connector
- Create unique, in-house websites for production and process improvements

**Baltimore Gas and Electric • Baltimore, MD**

*Pipeline Integrity Program - Summer Intern*

May 2005 - August 2005, January 2006

- Developed qualification reports for natural gas transmission pipelines
  - Created unique system of cost and schedule estimates for repair prioritization
  - Discovered incongruity of records for major pipeline's operating pressure and prepared report
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## Projects/Teams

I-4/Lee Roy Selmon Expressway Connector Interchange - *Tampa, FL*

I-75 (SR 80 to SR 78) Widening and Resurfacing - *Fort Myers, FL*

Honore Ave./Pinebrook Rd. Extension - *Sarasota County, FL*

SR 60/Courtney Campbell Causeway Interchange - *Tampa, FL*

Plans Production Improvement Team - *Tampa, FL*

Transportation Graduate Training Program - *Tampa, FL*

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## Computer Skills

**Engineering Software:** MicroStation XM, V8 and V7, GEOPAK, ArcGIS, CORSIM, CLV

**Office Programs:** MS Word, Excel, PowerPoint, Outlook, Access, Project

**Programming Languages:** GEOPAK Criteria/3pc, xHTML/CSS, JavaScript, PHP

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## References

Available upon request.