

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply  
Proposal Number: BC-03-17-11-25  
Opening Date: Thursday, March 17, 2011 at 2:00 PM

PROPOSAL RESPONSE COVER SHEET

THIS PAGE IS TO BE COMPLETED AND INCLUDED AS THE COVER SHEET FOR YOUR RESPONSE TO THE REQUEST FOR PROPOSALS.

The Board of County Commissioners, Leon County, reserves the right to accept or reject any and/or all bids in the best interest of Leon County.

Keith M. Roberts, Purchasing Director

John Dailey, Chairman  
Leon County Board of County Commissioners

This bid response is submitted by the below named firm/individual by the undersigned authorized representative.

Registe, Sliger Engineering, Inc.  
\_\_\_\_\_  
(Firm Name)

BY \_\_\_\_\_  
(Authorized Representative)

Jacques Registe, P.E.  
\_\_\_\_\_  
(Printed or Typed Name)

ADDRESS 1427 North Bronough Street  
\_\_\_\_\_

CITY, STATE, ZIP Tallahassee, Florida 32303  
\_\_\_\_\_

TELEPHONE (850) 894-4521  
\_\_\_\_\_

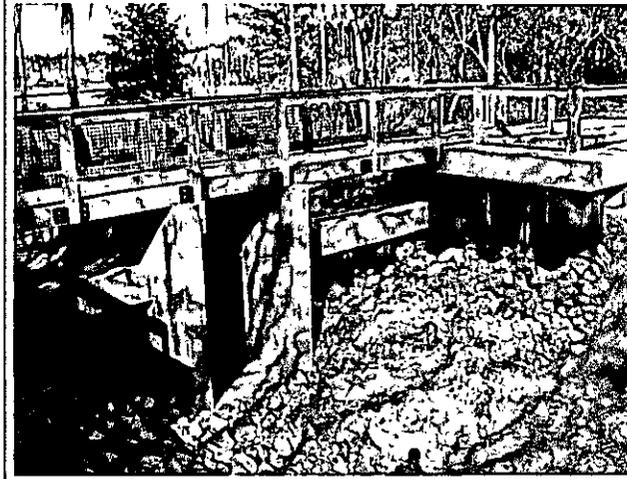
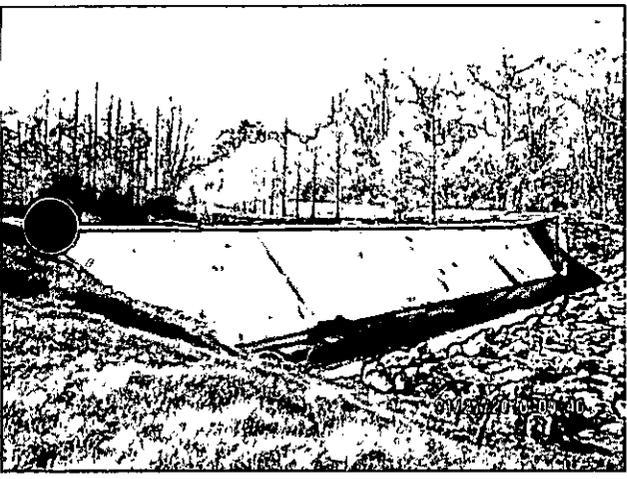
FAX (850) 224-0505  
\_\_\_\_\_

**ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)**

Addendum #1 dated 3/3/2011 Initials JR Addendum #3 dated \_\_\_\_\_ Initials \_\_\_\_\_  
Addendum #2 dated 3/8/2011 Initials JR Addendum #4 dated \_\_\_\_\_ Initials \_\_\_\_\_

**PLEASE MARK WHICH CATEGORIES FOR WHICH YOU WISH TO BE CONSIDERED:**

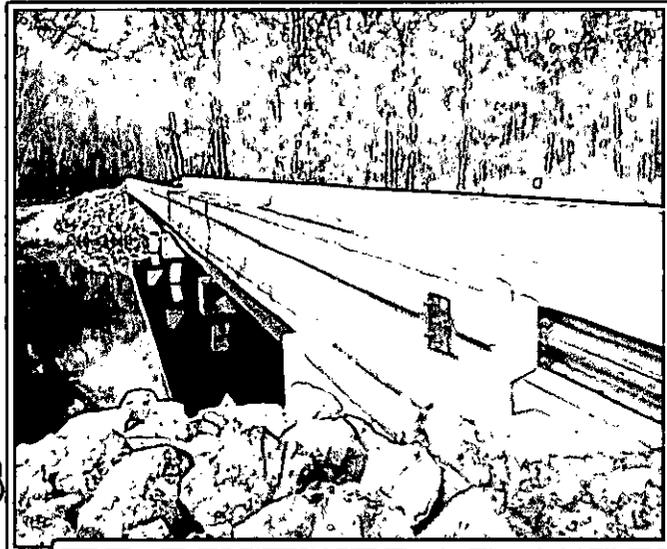
- a. Stormwater Engineering
- b. Roadway Design
- c. Traffic and Intersection Engineering
- d. Structural Engineering
- e. Geotechnical Services
- f. Environmental Support Services
- g. Construction Engineering and Inspection Services
- h. Surveying
- i. Subdivision and Site Development Engineering
- j. Parks and Recreational Facility Engineering
- k. Utility Engineering



# RESPONSE TO REQUEST FOR PROPOSALS

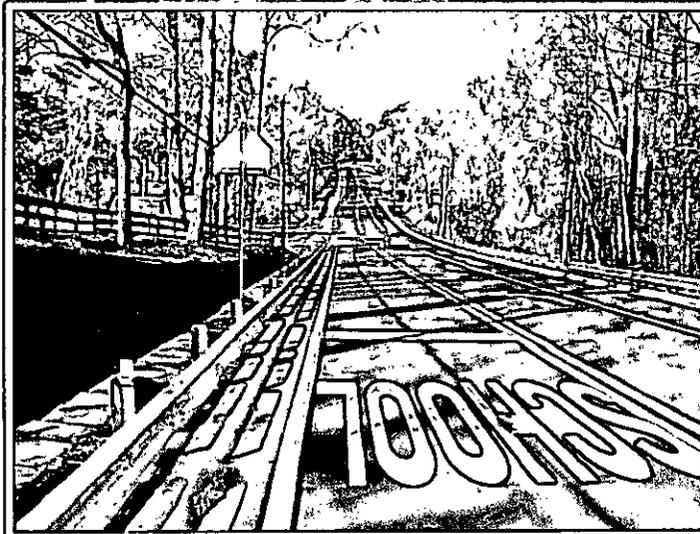
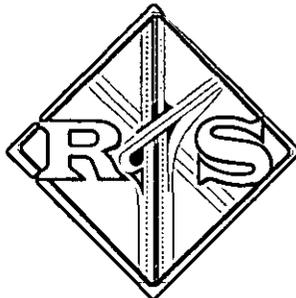
## Civil Engineering Services Continuing Supply

### Proposal Number: BC-03-17-11-25



**Submitted to:**  
Leon County Board of  
Commissioners

**Submitted by:**  
Registe, Sliger  
Engineering, Inc.



March 17, 2011



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## Required Forms

- Affidavit Certification Immigration Laws
- Equal Opportunity/Affirmative Action Statement
- Insurance Certification Form
- Certification Regarding Debarment, Suspension and Other Responsibility Matters Primary Covered Transactions
- Local Vendor Certification
- Minority Business Enterprise Certificate
- Certificate of Authorization
- Corporate Charter
- Local Business Licenses

## Submitted Work Categories

- Stormwater Engineering
- Roadway Design
- Traffic and Intersection Engineering
- Structural Engineering
- Construction Engineering and Inspection Services
- Parks and Recreational Facility Engineering



**A. CONTRACTOR INFORMATION**

Registe, Sliger Engineering, Inc. (RSE) is a Leon County/City of Tallahassee certified MBE/DBE firm committed to serving Leon County. RSE will be the sole firm responsible for all work under this contract. Therefore, a joint venture has not been formed. RSE is located at the following address:

**Registe, Sliger Engineering, Inc.**  
1427 N. Bronough Street  
Tallahassee, Florida 32301  
(850) 894-4521 Telephone  
(850) 224-0505 Fax

Our Tallahassee office will serve as the central location for project coordination, as well as meetings, reviews, etc., scheduled with our subconsultants. Our office will also be available to conduct any project related meeting requested by the County. The RSE office is located three miles away from the Leon County Public Works Department (LCPWD), allowing us to provide personalized service in a matter of minutes.

The contact person for this Request for Proposals (RFP) shall be **Jacques Registe, P.E., President**. He can be reached via email at [registej@reng.biz](mailto:registej@reng.biz).

**B. EXECUTIVE SUMMARY**

**1. Company Background**

Registe, Sliger Engineering, Inc. was incorporated in Florida in May 2002 and has been providing civil and structural engineering services for the past eight years. RSE is licensed as an Engineering Business by the Florida Board of Professional Engineers. In addition, RSE is a certified Minority Business Enterprise (MBE) with the State of Florida, a Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation, and is one of only a few 100% African American/Native American-owned engineering firms doing business in the State of Florida.

RSE is a multi-discipline engineering firm. We bring to our clients a wealth of diversified experience ranging from the design of building structures, roadways, bridges, site design, parks, drainage and utilities to construction engineering and inspection services. The goal of the firm is to provide high quality design to our clients. RSE maintains the technical capabilities and

range of expertise that you have come to expect from large engineering firms, combined with the flexibility, adaptability and affordable personal service that only a small engineering company can provide.

RSE currently employs 10 engineers, technicians and clerical experienced in civil, structural and stormwater design on a variety of projects. The firm's staff has been involved in the design, rehabilitation, reconstruction and expansion of many city, county and state projects. RSE also provides bridge design expertise in a variety of conventional bridge design projects. The firm's staff experience includes replacement and rehabilitation of simple and multi-span cast-in-place, prestressed girder and steel bridges throughout Florida. RSE also provides bridge hydraulics and bridge scour analysis.

RSE understands the challenges faced by the County. Public Works is charged with improving the transportation and infrastructure within the County while being fiscally responsible to the public and complying with environmental regulations. RSE has worked closely with the County staff for many years. This working relationship affords open lines of communication that allow the free flow of ideas enabling the best solutions for the design project.

RSE has earned a reputation for excellence through an integrated approach in providing engineering services. RSE's multi-discipline team of professionals are committed to quality engineering services. Success is due to a solid track record of performance under strict regulatory requirements, close public scrutiny and tight budgetary/schedule constraints. We are confident that we can provide the County with the professional expertise needed to achieve the project requirements for the contract by managing the right resources throughout a planned and defined process.

**2. Capabilities**

**Structural Design Services**

- Conceptual and preliminary design reports
- Complete construction documents; including plans, specifications and construction cost estimates
- Prestressed Concrete Bridge Design
- Reinforced Concrete Bridge Design
- Steel Bridge Design
- Conventional bridge load rating
- Design of temporary bridges
- Foundation and Pier Design



- Bridge widening and/or rehabilitation of both steel and concrete structures
- Mast Arm and Strain Pole Design
- Boardwalk Design
- Bridge/Box Culvert Design
- Conventional Retaining Wall Design
- Sheet Pile Wall Design including Steel, Concrete and Vinyl sheet piles
- Bridge Inspection and Rehabilitation Reports

**Stormwater Design Services**

- Stormwater modeling (ICPR, StormCAD)
- Groundwater/Surfacewater Interaction Model (Ponds, ICPR Perc Pack)
- Bridge Hydraulics Modeling (HEC-RAS)
- Stormwater Pond Design
- Channel Stability Analysis and Design
- Stormwater Retrofit Projects

**Roadway Design Services**

- Major and minor highway design
- Turn Lane Design
- Sidewalk Design & Pedestrian Features
- Expert Witness Services
- Eminent Domain Services

**Parks and Recreational Facility Engineering**

- Bicycle and Pedestrian Planning & Design
- Conceptual Planning & Design
- Master Planning
- Trail & Greenway Design
- Sustainable Development Practices
- Informational Signage & Kiosks

**Traffic and Intersection Engineering**

- Signal Warrant Studies
- Turn Lane Warrants
- Signal Timing
- Intersection Design and Modifications

**Construction Engineering and Inspection Services**

- Construction Inspection
- Shop Drawing Review
- Bid Assistance
- Value Engineering

RSE is prequalified with the FDOT in the following Work Groups:

- Group 3 – Highway Design – Roadway
- Group 4 – Highway Design – Bridges
- Group 5 – Bridge Load Rating
- Group 7 – Traffic Operations Design
- Group 13 – Traffic Studies

**3. Authorized Representatives**

**Jacques Registe, P.E.**  
President

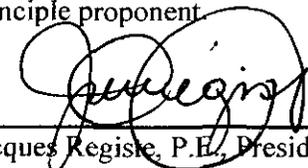
**John F. Sliger, II, P.E.**  
Vice President

Both Mr. Registe and Mr. Sliger are located at the address below:

1427 N. Bronough Street  
Tallahassee, Florida 32303  
(850) 894-4521 Telephone  
(850) 224-0505 Fax

**4. Declaration**

I, Jacques Registe, P.E., President of Registe, Sliger Engineering, Inc. declare that this Request for Proposal (RFP) is in all respects fair and in good faith without collusion or fraud. I have the authority to bind the principle proponent

  
\_\_\_\_\_  
Jacques Registe, P.E., President



**REQUIRED FORMS**

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply  
Proposal Number: BC-03-17-11-25  
Opening Date: Thursday, March 17, 2011 at 2:00 PM

**AFFIDAVIT CERTIFICATION  
IMMIGRATION LAWS**

Leon County will not intentionally award County contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324 A(e) {Section 274a(e) of the Immigration and Nationality Act ("INA").

Leon County may consider the employment by any Contractor of Unauthorized Aliens a violation of Section 274A(e) of the INA. **Such violation by the Recipient of the employment provision contained in Section 274A(e) of the INA shall be ground for unilateral cancellation of the contract by Leon County.**

BIDDER ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Registe, Sliger Engineering, Inc.

Signature:  Title: President

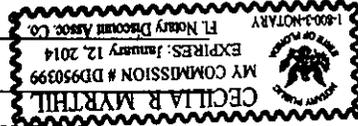
STATE OF Florida  
COUNTY OF Leon

Sworn to and subscribed before me this 17<sup>th</sup> day of MARCH, 2011.

Personally known JACQUES REGISTE   
NOTARY PUBLIC

OR Produced identification \_\_\_\_\_ Notary Public - State of Florida

\_\_\_\_\_  
(Type of identification)

My commission expires: \_\_\_\_\_  
  
Printed, typed, or stamped  
commissioned name of notary public

The signee of this Affidavit guarantees, as evidenced by the sworn affidavit required herein, the truth and accuracy of this affidavit to interrogatories hereinafter made.

**LEON COUNTY RESERVES THE RIGHT TO REQUEST SUPPORTING DOCUMENTATION,  
AS EVIDENCE OF SERVICES PROVIDED, AT ANY TIME.**

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply  
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**EQUAL OPPORTUNITY/AFFIRMATIVE ACTION STATEMENT**

1. The contractors and all subcontractors hereby agree to a commitment to the principles and practices of equal opportunity in employment and to comply with the letter and spirit of federal, state, and local laws and regulations prohibiting discrimination based on race, color, religion, national region, sex, age, handicap, marital status, and political affiliation or belief.
2. The contractor agrees to comply with Executive Order 11246, as amended, and to comply with specific affirmative action obligations contained therein.

Signed:



Title:

Resident

Firm:

Registe, Sliger Engineering, Inc.

**INSURANCE CERTIFICATION FORM**

To indicate that Bidder/Respondent understands and is able to comply with the required insurance, as stated in the bid/RFP document, Bidder/Respondent shall submit this insurance sign-off form, signed by the company Risk Manager or authorized manager with risk authority.

- A. Is/are the insurer(s) to be used for all required insurance (except Workers' Compensation) listed by Best with a rating of no less than A:VII?

YES       NO

Commercial General  
Liability:

Indicate Best Rating:  
Indicate Best Financial Classification:

  A    
  A  

Business Auto:

Indicate Best Rating:  
Indicate Best Financial Classification:

  A    
  A  

Professional Liability:

Indicate Best Rating:  
Indicate Best Financial Classification:

  A    
  A  

1. Is the insurer to be used for Workers' Compensation insurance listed by Best with a rating of no less than A:VII?

YES       NO

Indicate Best Rating:

Indicate Best Financial Classification:

  A     A  

If answer is NO, provide name and address of insurer:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Is the Respondent able to obtain insurance in the following limits (next page) for this professional services agreement?

YES       NO

Insurance will be placed with Florida admitted insurers unless otherwise accepted by Leon County. Insurers will have A.M. Best ratings of no less than A:VII unless otherwise accepted by Leon County.

Required Coverage and Limits

The required types and limits of coverage for this bid/request for proposals are contained within the solicitation package. Be sure to carefully review and ascertain that bidder/proposer either has coverage or will place coverage at these or higher levels.

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Required Policy Endorsements and Documentation

Certificate of Insurance will be provided evidencing placement of each insurance policy responding to requirements of the contract.

**Deductibles and Self-Insured Retentions**

Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Endorsements to insurance policies will be provided as follows:

Additional insured (Leon County, Florida, its Officers, employees and volunteers) -  
General Liability & Automobile Liability

Primary and not contributing coverage-  
General Liability & Automobile Liability

Waiver of Subrogation (Leon County, Florida, its officers, employees and volunteers)- General  
Liability, Automobile Liability, Workers' Compensation and Employer's Liability

Thirty days advance written notice of cancellation to County - General Liability,  
Automobile Liability, Worker's Compensation & Employer's Liability.

Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided

Please mark the appropriate box:

Coverage is in place

Coverage will be placed, without exception

The undersigned declares under penalty of perjury that all of the above insurer information is true and correct.

Name JACQUES REGISTE  
Typed or Printed

Signature 

Date 3/17/11

Title PRESIDENT  
(Company Risk Manager or Manager with Risk

Authority)



**DESCRIPTIONS (Continued from Page 1)**

**RE: Civil Engineering Services-continuing supply.**

**Certificate Holder is additional insured as respects to General Liability.**

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**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,  
And OTHER RESPONSIBILITY MATTERS  
PRIMARY COVERED TRANSACTIONS**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - b) Have not within a three-year period preceding this been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statues or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of these offenses enumerated in paragraph (1)(b) of this certification; and
  - d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.
3. No subcontract will be issued for this project to any party which is debarred or suspended from eligibility to receive federally funded contracts.

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
President

\_\_\_\_\_  
Title

\_\_\_\_\_  
Registe, Sliger Engineering, Inc.

\_\_\_\_\_  
Contractor/Firm

\_\_\_\_\_  
1427 N. Bronough Street Tallahassee, Florida 32303  
Address



2010-11

**CITY OF TALLAHASSEE BUSINESS TAX CERTIFICATE**  
**LOCAL BUSINESS TAX RECEIPT**

2010-11

TAX CERTIFICATE EXPIRES SEPTEMBER 30, 2011

**DBA:** REGISTE SLIGER ENGINEERING, INC

**Account Number:** 64692

**Location:** 1427 N BRONOUGH ST  
**Address:** TALLAHASSEE FL 32303

Type Code	Sub Code:	Type Description:
675	a	Professional Office

**REGISTE SLIGER ENGINEERING, INC**  
**JACQUES REGISTE, PRESIDENT**

The firm, corporation, organization, business or individual whose name appears herein has paid a business tax for the business activities indicated above, subject to city, state and federal laws. This certificate must be conspicuously displayed at the location of the business activity. A change of location from the stated business location on this certificate as well as a change in ownership requires a transfer. (See reverse side.)



Certifies that

# **Registe, Sliger Engineering, Inc.**

is recognized as a  
Minority/ Women-Owned Business Enterprise under the  
Leon County and the City of Tallahassee Consortium  
Inter-local Agreement

For a period of two (2) years beginning

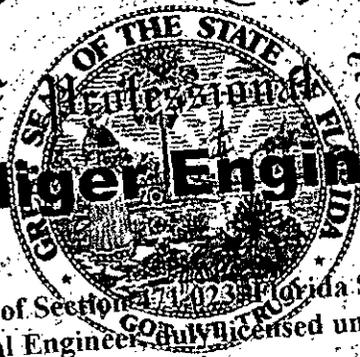
December 7, 2010 to December 6, 2012

**Iranetta J. Dennis, Leon County MWSBE Director**

# State of Florida

Board of Professional Engineers

**Registe, Sliger Engineering, Inc.**



Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

## Certificate of Authorization

CA LIC. NO:  
9292

EXPIRATION: 2/28/2013  
AUDIT NO: 228201300541

FLORIDA DEPARTMENT OF STATE  
DIVISION OF CORPORATIONS



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## Detail by Entity Name

### Florida Profit Corporation

REGISTE, SLIGER ENGINEERING, INC.

### Filing Information

**Document Number** P02000055474  
**FEI/EIN Number** 810552915  
**Date Filed** 05/20/2002  
**State** FL  
**Status** ACTIVE  
**Last Event** AMENDMENT  
**Event Date Filed** 08/25/2005  
**Event Effective Date** 08/27/2005

### Principal Address

1427 N. BRONOUGH STREET  
TALLAHASSEE FL 32303

Changed 04/22/2004

### Mailing Address

1427 NORTH BRONOUGH STREET  
TALLAHASSEE FL 32303

Changed 04/22/2004

### Registered Agent Name & Address

REGISTE, JACQUES  
8613 HEARTWOOD CT.  
TALLAHASSEE FL 32312

### Officer/Director Detail

#### Name & Address

Title PRES

REGISTE, JACQUES  
8613 HEARTWOOD CT.  
TALLAHASSEE FL 32312

Title VP

SLIGER, JOHN

3552 LOUVINIA DRIVE  
TALLAHASSEE FL 32311

## Annual Reports

### Report Year Filed Date

2009	04/13/2009
2010	02/16/2010
2011	02/14/2011

## Document Images

<a href="#">02/14/2011 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/16/2010 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/13/2009 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/30/2008 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/15/2007 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/15/2006 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">08/25/2005 -- Amendment</a>	<a href="#">View image in PDF format</a>
<a href="#">07/12/2005 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">09/08/2004 -- Name Change</a>	<a href="#">View image in PDF format</a>
<a href="#">04/22/2004 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/27/2003 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">05/20/2002 -- Domestic Profit</a>	<a href="#">View image in PDF format</a>

**Note:** This is not official record. See documents if question or conflict.

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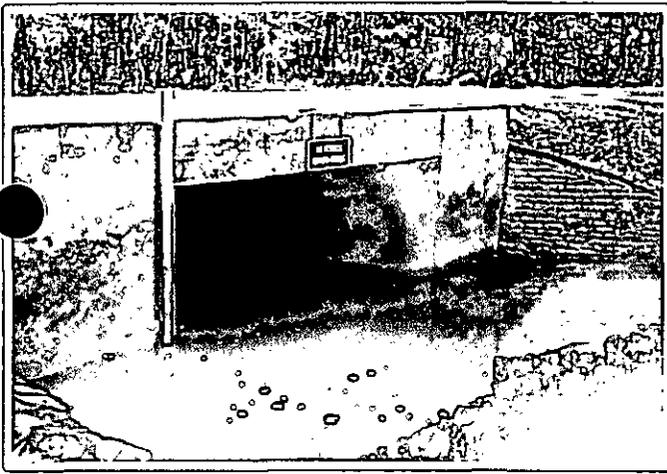
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State of Florida, Department of State

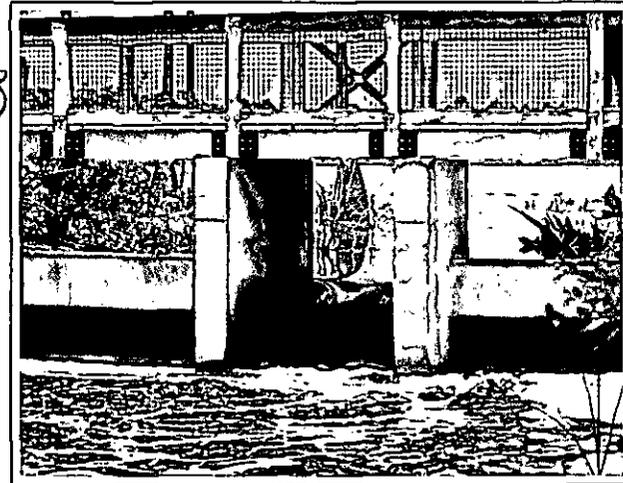
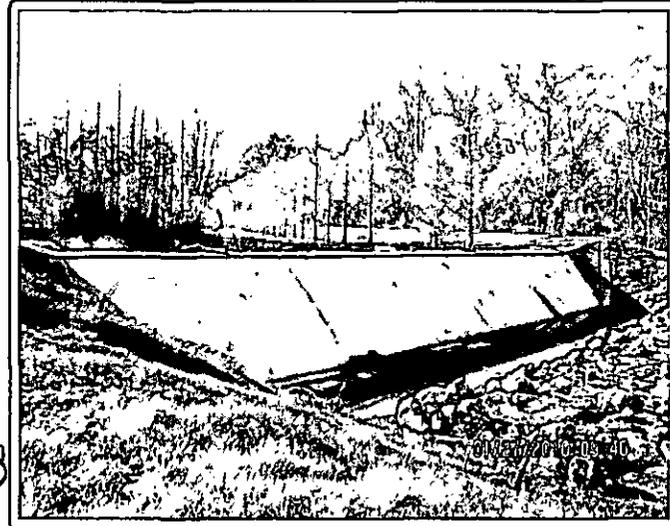


**SUBMITTED WORK  
CATEGORIES**



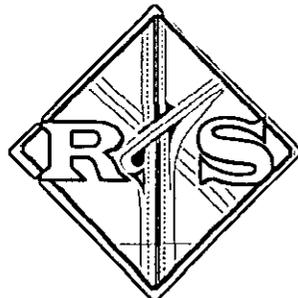
# STORMWATER ENGINEERING

Civil Engineering Services  
Continuing Supply  
Proposal Number: BC-03-17-11-25

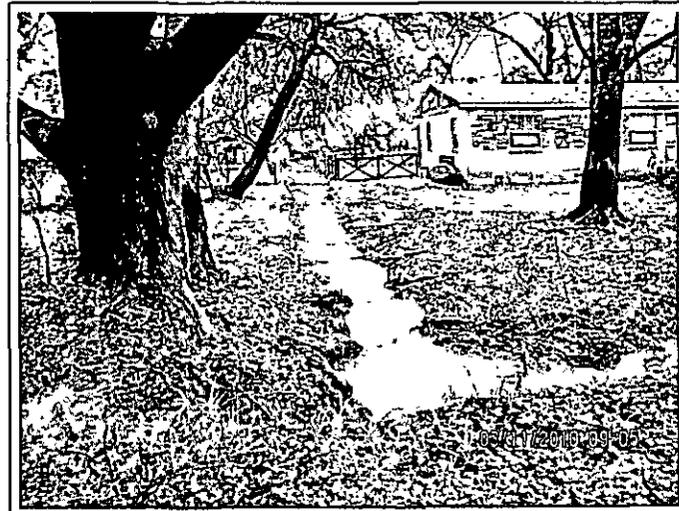


Submitted to:  
Leon County Board of  
Commissioners

Submitted by:  
Registe, Sliger  
Engineering, Inc.



March 17, 2011





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## Appendices

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**A. INTRODUCTION**

RSE will provide the stormwater design services for the design team. RSE commits a Tallahassee based staff that is focused on high quality design, cost effective and on-time production for our clients. Our experienced staff of engineers and technicians specialize in all aspects of stormwater design, hydraulic and hydrologic modeling, stormwater master planning and associated permitting services. The firm's staff has been involved in the design, rehabilitation, reconstruction and expansion of many city, county and state projects.

**B. ABILITY OF PROFESSIONAL**

**1. RSE Staff Assigned**

The RSE team is immediately available and committed to the successful execution and delivery of any projects resulting from this contract. It is imperative for RSE to demonstrate to the County that it will respond rapidly, provide ample personnel and resources, perform in a technically competent manner and maintain complete project integrity, including services that are on time and within budget.

The following RSE staff members will be assigned to this contract, as well as availability to provide services on small to medium sized contracts:

<b>RSE Staff Member</b>	<b>Availability</b>
Jacques Registe, P.E.	40%
John F. Sliger, II, P.E.	60%
Danielle Marrero, P.E.	65%
Mary Persson, P.E.	25%
Andre Vaillancourt, P.E.	30%
Carlos Campos, E.I.	75%
Samantha Kaparos	75%
Larry Tew	25%
Brett Williams	50%

Detailed resumes for each staff member can be found in **Appendix A**.

**2. Subconsultants**

The scope of work anticipated under this work category calls for a diverse group of professionals to successfully evaluate, and then design the required construction documents for the County. The firms making up the RSE

Team have sufficient staff and available manpower to adequately handle the expected workload requirements from each project. RSE enjoys a solid working relationship with all of the proposed subconsultants and has a proven track record of successful projects.

**Nobles Consulting Group, Inc.**

Nobles Consulting Group, Inc. (NCG) is a leading consulting firm of professionals who provide land surveying and mapping throughout the southeastern United States. Since its founding in 1980, NCG has specialized in creating design solutions using some of the most significant advances in technology including Terrestrial Laser Scanning, Robotic Total Stations and GPS. NCG will be responsible for all surveying tasks on the contract.

**Environmental & Geotechnical Specialists, Inc.**

Environmental & Geotechnical Specialists, Inc. (EGS) is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS' professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services. EGS will be providing all geotechnical engineering related services for this contract.

**Miller's Tree Service**

Miller's Tree Service is a locally owned and operated full service tree care business servicing greater Tallahassee and the surrounding areas. Their number-one objective is to ensure that each and every customer is satisfied with the level of service provided. Miller's Tree Service strives to meet their customer's needs and expectations by offering services that are reliable, professional and committed to excellence. Over the years, they have developed and maintained strong ties to the community as well as their customers because of their efforts; they stand behind their work. Miller's Tree Service puts the needs of the customers first and foremost.

All information on subconsultants, including commitment letters and SF 330 forms, can be found in **Appendix B**.

**C. PAST PROJECT EXPERIENCE**

RSE has been providing quality stormwater engineering services since 2002. Information regarding ten of the

latest stormwater projects can be found on the Project Information Sheets in **Appendix C**.

#### **D. CURRENT PROJECTS**

RSE is currently under contract on a couple of stormwater projects for clients such as the Florida Department of Transportation (FDOT) and Leon County. However, the schedule and scope of work for current contracts allows flexibility to accommodate any projects that may arise from this contract.

##### **Lauder Pond Stormwater Improvements Tallahassee, Florida**

**Client:** Leon County Public Works Department

**Description:** The project proposes to address two current deficiencies within the Lauder Pond area: 1) the profile of Lauder Place currently has a vertical sag curve that becomes inundated with runoff during small storm events and 2) the existing control structure that regulates flows from Lauder Pond to Lake McBride is leaking and continuously discharges into Lake McBride.

**Anticipated Completion Date:** June 2011

##### **Bush Road over Wrights Creek Bridge Hydraulics Holmes County, Florida**

**Client:** Florida Department of Transportation

**Description:** This project consists of delineating the drainage basin using USGS quad maps, determining design flows based upon the USGS Regression Equations, creating a HEC-RAS model of Wrights Creek and modeling multiple bridge configurations to determine the one most suitable for use.

**Anticipated Completion Date:** November 2011

#### **E. QUALITY CONTROL/QUALITY ASSURANCE**

The RSE approach to Quality Control is to provide complete and accurate project deliverables that are in full compliance with published FDOT and industry standards, the project's requirements and the client's expectations.

RSE understands the County's commitment to quality. RSE's Quality Control Process is implemented to ensure the safety of the public, prevent cost overruns and eliminate delays in the construction process by minimizing errors in the contract documents.

RSE's Quality Process for Leon County projects provide a series of checks and balances, which will enable us to

adhere to the policies, standards and accepted practices of Leon County. It also provides an effective tool for enhancing communication among Design Team members.

The RSE Quality Control Process for Leon County projects is essentially a three-level review process in which the plan documents are compared with the various standards to ensure that all requirements have been addressed. Prior to performing the three level reviews, the design engineer and the CADD technician would have already made all their reviews and changes. About three weeks prior to each submittal, the Chief Engineer performs a Level One review using our own in-house quality checklist. A Level Two peer review is then conducted by an in-house designer. A Level Three review is an independent review conducted by an experienced engineer not working on the project, typically Larry Tew or Andre Vaillancourt, P.E. The Level Three review is not necessary on all projects, depending on project size and complexity.

At the completion of each phase, all design plans will undergo a Level One, Two and Three review. Reviewed copies will be stamped "Check Print". The Project Engineer and subsequently the Level Two and Three reviewers will complete a thorough assessment of the plans' documents utilizing our in-house checklist and their design experience and expertise. All review comments and recommended corrections will be marked in red on the check prints. As each comment and correction is addressed by the Design Team and incorporated into the plans, they will be "highlighted" to assure that all items have been responded to.

The above outlined approach to be used by the RSE Team has proven successful on previous projects. We are confident it will assist us in providing the County with the best possible construction plans and documents for the assignments under this contract.

#### **F. RESOURCES**

RSE is confident that it can meet and exceed the County's requirements for AutoCAD qualifications, pertaining in particular to the preparation of engineering construction documents. The firm's professional designers have extensive, hands-on knowledge of the tools required to create construction documents. Additionally, RSE currently follows County and FDOT CAD standards, when prescribed.



Like Leon County, RSE supports any and all initiatives that will reduce our carbon footprint and protect the environment. This is evident in our day-to-day practices—for instance, recycle bins accompany all of the printers. RSE uses only recycled content paper to print reports and will print two-sided when feasible.

RSE is an electronically integrated organization, bringing to projects the benefits of electronic/online communications and file access/storage that reduce paper consumption and can eliminate excess travel.

## **G. SCHEDULE/BUDGET REQUIREMENTS**

### **1. Design Schedule and Budget**

Cost and scheduling control are two of the most important factors in any public sector project. Achieving quality deliverables for the County, on schedule and within budget, requires a combination of several strengths:

- Experience in planning, design, and supporting engineering disciplines
- A talented, cohesive team with all team members equally committed to the success of the project
- The ability to maintain clear, open, and ongoing communications among all team members and with the client

Offering each of these strengths, members of the proposed team are committed to delivering any project under this contract on schedule and within budget.

We recognize how important it is to develop and meet a strong schedule and budget. In developing schedules and budgets that are practical and can be maintained to the benefit of the County, we consider several key factors so that we deliver the most value to the County:

- Produce a clear understanding of the County’s expectations and permitting requirements to provide a concise scope of work and design budget. This limits future additional services requests and design budget increases
- Hold bi-weekly production team meetings to prioritize our workloads to meet the County’s needs
- Build in appropriate “float” at key tasks for added discussion or, as necessary, restudy to allow us to resolve all issues without falling behind schedule

- Maintain and update a Critical Path Project Schedule to present at regular progress meetings with County staff to keep you informed on important budgeting and scheduling milestones

Our approach for the timely completion of this project revolves around our ability to do the right things at the right time. By performing intensive research and analysis at project commencement, we give our team maximum opportunity to anticipate any “bumps in the road” that we may experience. Doing our homework up front allows us to work around any obstacles that may impede our efforts. It also allows the County to anticipate submission milestones and review activities. In turn, this enables us to complete this project within the allotted design budget.

### **2. Construction Schedule and Budget**

The first item necessary to ensure that project construction costs are within budget is to establish a realistic cost estimate for the project early in the design phase. As the design evolves, the construction cost estimate is updated to reflect the project scale and scope.

As a mechanism for controlling construction costs, RSE holds “value engineering” meetings with our clients to identify design alternatives to help the project maintain construction budget and schedule. Meetings are held at key design phase milestones to allow alternatives to be evaluated and incorporated. Construction cost estimates for various design schemes are calculated and the most cost effective solution that meets the design requirements is recommended to the client for the project.

### **3. Long Term Maintenance Cost**

An often overlooked area that can add cost to a project is the long term maintenance cost associated with any public works project. RSE reviews these issues during the design process to ensure that the short term construction and long term maintenance costs are considered during the design phase of the project.

In the past, RSE staff has met with Leon County Operations Personnel onsite to establish the problems associated with the project locations. RSE has then used the information from maintenance staff to ensure that the project is designed with the long term maintenance cost minimized.



## **H. WORKLOAD**

RSE's approach to satisfying overload scenarios is multifaceted. It starts with a focused, experienced, and available project team backed by strong subconsultants. Should a situation arise in which additional personnel are required, RSE and its subconsultants are committed to responding accordingly with additional personnel and resources. Again, the proposed project team will devote its time to this project on a first-priority basis.

All projects, large or small, are given the same consideration at RSE with respect to accuracy of design and plans preparation, constructability, efficiency, aesthetics and quality.

## **I. PROJECT TEAM LOCATION**

The headquarters of RSE and all our proposed subconsultants for this contract are located in Leon County, Florida. These locally owned businesses create more jobs locally and recycle a large share of their revenue back into the local economy, enriching the whole community. The RSE office is located three miles away from the Leon County Public Works Department, allowing us to provide personalized service in a matter of minutes.

## **J. APPROACH TO PROJECT**

Every successful project begins with a meeting with the County staff to gain an understanding of project. RSE staff then meets with state and local permitting agencies, as well as other project stakeholders, to gain an understanding of project complexities and issues. A review is conducted of existing studies or plans, existing soils, floodplain and wetland information. A field review is then held at the project location with the required subconsultants.

Once all existing information has been reviewed, conversations with the County Project Manager are held to establish project deliverables. RSE staff prepares and submits a draft written proposal with associated staff hour estimate to negotiate with the County Project Manager. Revisions are made to the proposal, as required, until a Notice to Proceed (NTP) is issued from the Project Manager.

Once NTP is received from the County Project Manager, subconsultants are informed and mobilized to begin associated tasks. Typically, wetland delineations are started first, followed closely by design and boundary survey tasks and geotechnical, if required. Preliminary design and plans production is started. Progress meetings are held with County staff during design. They are arranged to ensure project deliverables meet scope requirements. Submittals are typically phased, or as negotiated in initial proposal. Pre-application meetings with permitting agencies are handled prior to 60% or Phase II submittal. Permit drawings are submitted to permitting agencies after 90% or Phase III. Final plans are checked to ensure that construction documents reflect permit conditions. Cost estimates are submitted during 60%, 90% and final plans.

RSE provides full construction assistance to the County, when requested. Services may include bid preparation assistance, responding to requests for information from contractors, value engineering, construction inspections, shop drawing review and approval and final punch lists for contract close-out.



**APPENDIX A**

**RESUMES**



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Jacques Registe, P.E.***

*Senior Structural Engineer, President*

Mr. Registe is a civil engineer for Registe, Sliger Engineering, Inc. with more than 26 years of experience in both the general civil and structural engineering fields including roadway and bridge design, drainage design and permitting. Mr. Registe's engineering experience includes the preparation of design and permit documentation for many projects throughout the State of Florida. His professional experience has been acquired through multiple project responsibilities involving comprehensive analysis, engineering and design tasks for both roadway and bridge projects. His years of experience have been almost exclusively in the State of Florida where Mr. Registe enjoys an exemplary reputation for quality and on-time work.

Mr. Registe is responsible for the design, plans production and preparation of construction documents for all highway and bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project. He is certified in Advanced Maintenance of Traffic for FDOT projects.

**Education:** M.S. Civil Engineering, 1989  
FAMU/FSU, Tallahassee, Florida  
B.S., Civil Engineering, 1985  
FAMU/FSU, Tallahassee, Florida  
License, Civil Engineering, 1983  
Université Roi Henry Christophe, Cap Haitien, Haiti

**Registrations:** Florida PE #43397  
Georgia PE #27712

**Years Experience with Current Firm:** 9

**Years Experience Total:** 26

#### **Detailed Project Experience:**

**District-Wide Engineering Design Projects, District III, FDOT, Florida** – Project Manager for these projects which included intersection design, traffic operations design, signal design, drainage design, permitting and highway design. The contract totaled \$500,000 and consisted of an assignment of work orders by the client. Responsibilities included the preparation of detailed scope of services and associated fees, interfacing with management, technical staff and permitting agencies as well as detailed design.

**SR 45 (US 41) Design - Bell Lake Road to Suydam Road, Land O' Lakes, Florida** – Project Manager/Project Engineer responsible for providing the final design and plans preparation of this 4.9 kilometer improvement project. The project completed in metric units consisted of reconstruction and replacement of US 41 from Bell Lake Road to CR 583 from 2-lanes rural to 6-lane divided urban arterial highway (3 km) and reconstruction and replacement of US 41 from CR 583 to Suydam Road from 2-lanes rural to a 4-lane divided rural arterial with provision for future widening to 6-lanes. Project cost: \$2.1 Million.

**Florida's Turnpike Widening (Boca Raton Interchange to Atlantic Blvd), Florida** – Project Highway and Bridge Engineer for this project which involved the design of 5.3 miles of Turnpike widening from 4 to 6 lanes including redesign of the Boca Raton Interchange, a 35 year old interchange, to current design

standards. A new bridge was designed at the interchange to span the widened Turnpike. The project also called for a new bridge design at Clint Moore Road, which required a special designed temporary bridge and widening of two additional structures to carry the extended Turnpike roadway. Project cost: \$6.5 Million.

**Bridge Replacement Projects, Group 09-3, FDOT, Florida** – Project Manager for both the new bridge replacement tasks required for the projects in Group 09-3. Work includes the preparation of Typical Section Packages, Drainage and Bridge Hydraulics Reports, roadway and bridge design and plans preparation, utility relocation plans and the development MOT. Project cost: \$952,000.

**CR 269 over the CSX Railroad, Chattahoochee, FDOT, Florida** – Project Engineer for both the 3,000 feet of new roadway on a new alignment and a bridge over the CSX Railroad in Chattahoochee, Florida. Responsible for roadway geometry design and plans preparation, design of an enclosed drainage system, retention pond designs, utility relocation plans and maintenance of traffic plans preparation. Additional tasks include assisting the FDOT with permit application requirements and review of the bridge plans over the CSX Railroad. \$2.1 Million.

**SR 60 Bridge Replacements, Osceola County, Florida** – Served as Project Engineer for the roadway and bridge engineering tasks on the project. Work included roadway reconstruction of 500m to both ends of the two new bridges being designed under this contract. Mr. Registe was responsible for all design and plans preparation for the project. \$950,000.

**H-3 Kaneohe Interchange, Oahu, Hawaii** – Bridge Designer responsible for analysis of the designs of the Ramp B structure and all main line pier segments. The main line consists of twin, parallel post-tensioned concrete box structures approximately 1,700 feet long, built in balanced cantilever. Ramp B is 600 feet long post-tensioned concrete box structure and was built span by span. \$300 Million.

**SR 4 Bridge Replacement over Escambia River, FDOT, Florida** – Provided preliminary and final design calculations and was responsible for the development of construction plans for this bridge replacement project. Produced and/or checked the designs and details of all the structural elements and prepared the computer program input and analyzed the output for geometry, grades, foundations and girder programs. Also generated the final detailed contract plans and material estimates. \$4.25 Million.

### **Professional Affiliations**

American Society of Civil Engineers  
American Society of Highway Engineers





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### ***John F. Sliger, II, P.E.*** *Vice President, Project Manager*

Mr. Sliger is a structural/civil engineer with a wide variety of experiences in project management as well as structural, highway, water resources and utility engineering since entering the consulting business in 1994. He is an experienced structural and bridge designer, as well as structural inspector. In the past six years, Mr. Sliger has inspected over 60 structures throughout Florida. He is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, RISA 3D finite element software, RAM advanced finite element software and SAP 2000. Mr. Sliger is a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

**Education:** B.S. Civil Engineering  
FAMU/FSU, Tallahassee, Florida, 1995  
Graduate Studies, Florida State University  
Associates of Science in Building Construction Technology, Lake Superior State University

**Registration:** Florida PE #55550

**Years Experience with Current Firm:** 7  
**Years Experience Total:** 16

#### **Detailed Project Experience:**

**SR Sea Shell Seawall, Franklin County, Florida** – Designer responsible for the design calculations, plans production and quantity estimate for a 700 foot long concrete seawall. Project cost: \$500,000.

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two cell concrete box structure. Design work included preparation of the Bridge Development Report and structural calculation utilizing the AASHTO LRFD code. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two-span, flat slab structure. Design work included a preparation of the Bridge Development Report and structural design calculations and plans utilizing the AASHTO LRFD code. Project cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Engineer of record for the design and plans preparation for 100 ft and 60 ft long wooden bridges. Work included preparation of design calculations and construction documents. Project cost: \$200,000.

**Florida Keys Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Engineer responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Design

included the use of carbon and glass fiber near surface reinforcement spall repairs. Project cost: \$2.5 - \$3.5 Million.

**Ft. Clinch State Park, Fishing Pier Inspection, Fernandina Beach, Florida** – Engineer responsible for the inspection and rehabilitation design for 3,900 feet long pre-stressed fishing pier. Inspection tasks included underwater, substructure and superstructure of a 2,200 feet long fishing pier. Design plans included pre-stressed slab replacement and rehabilitation, railing enhancements and pile jacks design. Project cost: \$1.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Design Engineer responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the design and construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project cost: \$1.3 Million.

**Smith Creek Bridge Inspection and Rehabilitation, CR375, Leon County, Florida** – Design Engineer responsible for the inspection, load rating and rehabilitation plans for a 125 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Additional items included the design of new pile and pile jacks. Project cost: \$70,000.

**Sand Hill Lakes Mitigation Bank Bridge and Bridge Culverts Design, Washington County, Florida** – Engineer of Record for three steel bridges, two concrete box culverts, associated approach work and bridge hydraulics report utilizing ICPR3. Additional items included bid assistance, construction assistants and inspection to include shop drawing review, site visits and approval of contractors pay request. Project cost: \$500,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail (FM414587-1), Monroe County, Florida** – Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project cost: \$300,000.

**US 41 (SR 45) Bridge over Spring Creek, Collier County, Florida** – Engineer responsible for the review of the bridge hydraulics report, load rating, design calculations and the bridge development report for this bridge replacement project. Prepared the computer input and analyzed the output for the preliminary design and details for the slab and girder structural elements. Project cost: \$1.2 Million.

**John Sims Parkway (SR 85) Bridge and Roadway Improvements, Niceville, Florida** – Engineer responsible for the design and preparation of plans and estimate for the widening to six through-lanes of approximately one mile of a major urban arterial. Design work included a new six-lane, 300 foot span bridge, providing for new turning lanes for two major interchanges, development of vertical and horizontal alignments and superelevation in accordance with current AASHTO standards. Maintenance of Traffic Plans were developed that utilized staged construction in an effort to minimize the impact of construction on extremely large daily traffic volumes. Project cost: \$5 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, American Society of Highway Engineers





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### ***Danielle Marrero, P.E.***

*Project Engineer*

Ms. Marrero is a Project Engineer with a wide variety of experiences in roadway design, water resources and utility engineering. Ms. Marrero offers significant permitting and stormwater design experience in North Florida. She has participated in the infrastructure design for several major residential developments throughout Walton, Wakulla, Jefferson, Jackson and Leon counties, with responsibilities ranging from feasibility analysis to final construction observation services. Ms. Marrero has worked for a variety of clients in both the public and private sectors. She offers extensive experience in permitting projects with the City of Tallahassee, Leon County, Walton County, various Water Management Districts, Florida Department of Environmental Protection (FDEP) and Florida Department of Transportation (FDOT). In addition to being a Registered Professional Engineer in Florida and Mississippi, Ms. Marrero is also a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

Ms. Marrero is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, HEC-RAS, WSPRO, HY-8, ICPR 3 and Ponds drainage design software.

**Education:** B.S. Civil Engineering, Magna Cum Laude  
FAMU/FSU, Tallahassee, Florida, 2003  
Graduate Studies, Florida State University

**Registrations:** Florida PE #66450  
Mississippi PE #19290

**Years Experience With Current Firm:** 2

**Years Experience Total:** 9

#### **Detailed Project Experience:**

**Smith Creek Road Bridge over Black Creek, Leon County, Florida** – Engineer responsible for the HEC-RAS modeling for the bridge hydraulics report for a 125 foot bridge replacement. \$70,000.

**Florida Caverns State Park, Fish Hatchery Road Bridge over the Chipola River, Jackson County, Florida** – Engineer responsible for Bridge Hydraulics Report for bridge replacement project. Tasks included hydraulic modeling utilizing HEC-RAS and HY-8. Project cost: \$10,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida** – assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

**The Preserve at Lindsey Island, Taylor County, Florida** – project manager for this 92-acre, 20-lot subdivision located along the Gulf of Mexico. Coordinated with multiple subconsultants to design a plan that balanced the concerns and requirements of neighboring communities and regulatory agencies.

The design strove to minimize development impacts to pristine wetlands with the confines imposed on the project by regulatory agencies. Project cost: \$400,000.

**Big & Little Talbot Islands and Fort George Island State Parks, Duval County, Florida** - provided feasibility analyses and preliminary designs with cost estimates for five hydrologic restoration projects at three state parks. Responsibilities included evaluating available data resources, data collection programs, developing and calibrating hydrologic and hydraulic models, evaluating the performance of existing and proposed stormwater systems and design of remedial measures, in conjunction with ecological field requirements to restore natural hydrology to ditched and drained ecosystems. Project cost: \$75,000.

**Florida Keys Overseas Heritage Trail (FKOHT), Monroe County, Florida** - project engineer assisting in the design, permitting and construction phase services for several portions of this historic railway system. The client for this project is the FDEP's Office of Greenways and Trails. Funding partners include the Florida Department of Transportation and Monroe County. The projects are part of the 106-mile long FKOHT project that will ultimately connect Key West to Key Largo. The FKOHT was designated as one of three statewide priorities for FDEP under the direction of Governor Jeb Bush. Assisted with the following segments: Project cost: \$2.5 - \$3.5 Million.

- **Lower Sugar Loaf to Summerland Key (US-1 MM 16.5 to 25.5):** drainage design for approximately eight miles of shared use path along US-1 (SR 5) and portions of the old abandoned SR 4A highway.
- **Layton to Channel 5 Bridge (US-1 MM 68.4 to 70.8):** drainage design for approximately two miles of shared use path along US-1 (SR 5).

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society

#### **Awards and Recognition**

*Young Professional of the Year*, American Council of Engineering Companies, 2007  
*Semi-Finalist*, New Faces in Engineering, National Engineers Week Foundation, 2007  
*Young Engineer of the Year*, American Society of Civil Engineers Tallahassee Branch, 2006  
*Finalist*, American Concrete Institute Graduate Studies Fellowship, 2003





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### ***Mary Persson, P.E.***

*Project Engineer*

Ms. Persson is a Project Engineer who lends her expertise to projects encompassing residential, commercial, recreational, and transportation features. She has provided designs for stormwater management systems; both new roadway widening projects; as well as masonry and timber structures. Ms. Persson has participated in the permitting processes for numerous projects and is knowledgeable of the governing structures and requirements that are associated with such projects.

Ms. Persson is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD, MathCAD, RISA, SWMM5 and ASAD software.

**Education:** B.S. Civil Engineering, Cum Laude  
FAMU/FSU, Tallahassee, FL, 2002  
Graduate Studies, Florida State University

**Registration:** Florida PE #67436

**Years Experience With Current Firm:** 1

**Years Experience Total:** 10

#### **Detailed Project Experience:**

**Florida Keys Overseas Heritage Trail, Monroe County, Florida-** Engineer responsible for the trail design and plans production for approximately 10 miles of shared use path for pedestrians and bicyclists along US-1 in the Florida Keys. Project cost: \$2.5 – 3.5 Million.

**John Pennekamp State Park, Monroe County, Florida-** Engineer responsible for the design of ADA improvements for the visitor center, dive shop, and trail in the Florida Keys. Project cost: \$100,000.

**Apalachee Parkway Sidewalk, Leon County, Florida-** Performed stormwater design, sidewalk layout, plans production, and permitting for the addition of 2,100 linear feet of sidewalk for the City of Tallahassee. Project cost: \$200,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida –** assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

134 North Flagler Ave. Pompano Beach, FL 33060

PHONE: (954) 678-9916 - FAX: (850) 224-0505

### ***Andre C. Vaillancourt, P.E.***

Mr. Vaillancourt is a civil engineer with more than 40 years of experience in maintenance, construction and structural engineering. Mr. Vaillancourt's engineering experience includes the preparation of design documentation as well as supervision of construction and maintenance activities for the Florida, as well as Vermont, Departments of Transportation. Mr. Vaillancourt has had extensive experience in the inspection, rehabilitation and design of widening and new bridge structures.

Mr. Vaillancourt is responsible for the quality control on all bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project.

**Education:** B.S. Civil Engineering  
New England College  
Graduate Studies at Florida State University

**Registration:** Florida PE #15997

#### **Experience:**

Over the past two years Mr. Vaillancourt has been providing bridge design and construction engineering services for our clients. The following projects represent the most recent relevant construction and inspection experience performed by Mr. Vaillancourt:

**Channel Two Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Bow Channel Historic Bridge Inspection and Rehabilitation, Florida Keys, Monroe County** - Design Engineer responsible for the inspection and rehabilitation plans for a 1,302 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Rehabilitation plans included the use of near surface tension reinforcement with carbon fiber. Project Cost: \$3.5 Million.

**State of Florida, Department of Transportation:** Operations Division, Assistant Residence Maintenance Engineer, Palm Beach County. Responsible for unit's engineering services section consisting of maintenance contract administration, maintenance management systems, claims investigation, roadway characteristics inventory, safety, permits, automotive repair shop, and served as the Resident Maintenance Engineer in his absence.

**State of Florida, Department of Transportation:** Supervisor of unit consisting of five engineering and eight technical positions. Directly responsible for the Bridge Inspection Program in the seven counties of the 4th District including reviewing and signing as confirming Professional Engineer on all Bridge Inspection Reports which identify deficiencies and make recommendations for repairs and establish load ratings for the 850± structures on the State System.



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***Carlos Campos, E.I.***

*Project Designer*

Mr. Campos is a Project Designer with experience in roadway, drainage and structural design, plans production using Microstation/Geopak and construction administration.

**Education:** A.S. Civil Engineering Technology, 2004      **Registration:** Florida EI #1100013567  
Tallahassee Community College, Florida  
B.S. Civil Engineering, 2008  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience with Current Firm: 6**

**Years Experience Total: 6**

### **Detailed Project Experience:**

#### **Timberlane and Timberlane School Road Intersection Improvements, Leon County, Florida –**

Assisted in the construction oversight on an intersection improvement project including sidewalks, storm drains, stormwater pond and the installation of approximately 200 linear feet of anchored sheet pile retaining wall. Specific tasks included oversight mill and resurfacing operations, inspection of paving operations and coordination with utility companies. Project cost: \$700,000

#### **Lake Henrietta Pedestrian Bridge and Trail, Leon County, Florida–**

Assisted in the construction inspection of 200 feet of elevated wooden boardwalk, paved bike trail and 100 foot long steel girder bridge. Specific tasks included oversight of drilled shaft pile installation operations, steel girder installation, boardwalk construction and inspection of cast in place bridge caps and deck. Project cost: \$300,000

#### **Florida River Island Bridge, Liberty County, Florida–**

Assisted in the construction inspection of a 180 foot long, simple span Type II Girder bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, AASHTO girder installation, inspection of cast in place bridge caps, barrier wall and deck, and inspection of approach work. Project cost: \$1.3 Million

#### **Bald Point State Park, Franklin County, Florida–**

Assisted in the construction inspection of a single span 100 foot long steel truss bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, sheet pile wall installation, bridge construction and inspection of cast in place bridge caps, barrier wall and deck. Project cost: \$700,000.

#### **Smith Creek Road Bridge over Black Creek, Leon County, Florida–**

Assisted in the construction inspection of the rehabilitation of a 105 foot long flat slab bridge. Specific tasks included oversight of helical pile installation, pile jackets and bridge deck rehabilitation. Project cost: \$70,000

#### **Aeon Church Road Sidewalk Project, Leon County, Florida–**

Assisted in the construction oversight of ½ mile of sidewalk construction in an urban environment. Tasks included construction inspection of

gravity wall installation, sidewalk construction, rail installation and driveway installation. Project cost: \$300,000

**Meginnis Arm Spillway Project, Leon County, Florida**– Assisted in the construction oversight of a 180 foot long concrete spillway. Specific duties included mix design review, review of soil testing data, review of density test data, inspection of reinforcement placement, inspection of joint seals placement. Project cost: \$60,000

**Pimlico Road Project, Leon County Florida**– Assisted in the construction inspection of an intersection improvement. Specific duties included inspection of box culvert installation, sidewalk installation, guardrail installation and inspection of the roadway construction operations. Project cost: \$60,000.

**Fairbanks Ferry Road Bus Turnaround Project, Leon County, Florida**– Assisted in the construction oversight of a paved bus turnaround. Tasks included construction inspection of concrete sheet pile installation, inspection of the stormwater management facility and inspection of roadway paving operations. Project cost: \$100,000.





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Samantha Kaparos***

*Staff Engineer*

Ms. Kaparos is a Staff Engineer with Registe, Sliger Engineering, Inc. with experience in structural and drainage design.

**Education:** B.S. Civil Engineering, 2010  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience With Firm:** 1

**Years Experience Total:** 1

#### **Detailed Project Experience:**

**Atlantic Ridge Preserve State Park** – Engineer intern responsible for the design and plans preparation for the day use facility. Work included preparation of design calculations and plans. Project cost: \$80,000

**Lauder Pond Embankment Seepage Investigation, Leon County, Florida** – Assisted with design, plan preparation and cost estimation of three alternatives to remediate water seepage through and under the embankment along the east side of the stormwater management facility at Lauder Pond. Design cost: \$9,000

**Lafayette Park Retaining Wall, Leon County, Florida** – Assisted with the design and preparation of plans for a reinforced concrete retaining wall at Lafayette Park. Design cost: \$5,000

**Bush Road Over Wrights Creek, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.5 Million.

**Flowing Well over Limestone Branch, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.2 Million.

**US 231 Bridge over Bear Creek, Bay County, Florida** – Assisted with load rating of the 275 foot steel girder bridge. Design cost: \$12,000.

#### **Professional Affiliations:**

Member, American Society of Civil Engineers  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Larry Tew*** *Senior Designer*

Mr. Tew has over 39 years of experience in the field of highway design, including signing and markings, and signal design for isolated intersections. He has experience on both rural and urban design projects as well as in project management. He also has experience in engineering/land planning including preparation of cure plans for impacted parcels, layout of parking and internal circulation plans, cure plan cost estimates, and quality control of cure plans to insure compliance to local comprehensive land planning requirements. His experience with District 3 of the Florida Department of Transportation and with private consulting firms is summarized as follows:

**Education:** Chipley High School, Chipley Florida, June, 1965

#### **Detailed Project Experience:**

Design Engineer in charge of the following projects with closed drainage systems, pedestrian and bike features, stormwater management facilities, signalized intersections, sensitive environmental issues, complex construction sequence phasing and traffic control designs, and extensive utility conflicts:

- **SR 30 (U.S. 98)**, San Destin FL: From end of four lane to 0.6 mile west of Mack Bayou Road. \$1Million.
- **SR 173 (Blue Angel Parkway)**, Pensacola, FL: From U.S. 98 to Saufley Road. \$1.1 Million.
- **Twenty Third Street**, Panama City, FL: A 1.6 mile major urban multi-lane project from U.S. 98 to Beck Avenue. \$1.5 Million.

**Thomasville Road Flyover Project**, Tallahassee, FL: A major project that was done under extreme time restraints. Served as Project Manager. \$6 Million.

**SR8 (I-10) Interstate Rehabilitation Projects:** Served as Design Engineer in charge of most of these projects that were done by FDOT District Three personnel from 1985 to 1995. Listed below are a few of these projects.

- From Santa Rosa County Line to 0.6 mile west of Yellow River. \$750,000.
- From 0.3 mile east of CR 183 to Holmes County Line. \$1.1 Million.
- From 0.6 mile west of CR65 to 0.5 mile west of SR 267. \$1.3 Million.
- From Walton County Line to Choctawhatchee River. \$1.5 Million.
- From 4.2 miles east of SR 71 to 1.5 miles east of CR 69A. \$1.4 Million.
- From Washington County Line to 1 mile west of SR 276. \$1.4 Million
- Perdido River Bridge. \$8 Million.
- From 0.6 mile east of SR 57 to Madison County Line. \$1.7 Million.

**Projects designed to comply with FDOT RRR criteria, some of which were intersection improvement with lane additions and signalization.**

- **SR 10**, Walton County: A 14.7 mile resurfacing and safety improvement project. \$4.5 Million.
- **SR 63**, Leon County: a 1.7 mile multi-lane urban resurfacing with pedestrian facility upgrade and signal loop replacements. \$600,000.
- **SR 12**, Gadsden County: R/R Crossing improvement. \$500,000.
- **Holmes County**, Countywide Guardrail installation project for approximately 80 locations. \$300,000.
- **SR 95**, Escambia County: Intersection improvement at CR 184/Beck's Lake Road. Included lane additions and signal with preemption features. \$800,000.
- **SR 75**, Cottdale FL: R / R Crossing improvement and signal with preemption features. \$750,000.
- **SR 85**, Ft. Walton, FL: Drainage improvements. \$500,000.



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Brett Williams***

*Senior Engineering Technician*

Mr. Williams is an Engineering Technician for Registe, Sliger Engineering, Inc. with a wide variety of CADD experience, covering a wide range of bridge and highway projects. Mr. Williams is proficient in the use of Computer Aided Design software packages such as: Microstation/Geopak and AutoCAD computer systems.

**Years Experience with Current Firm: 3.5**

**Years Experience Total: 6**

#### **Detailed Project Experience:**

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two cell concrete box structure. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two-span, flat slab structure. Project Cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Technician responsible for the plans preparation for a 100 ft wooden bridge and a 60 ft long wooden bridge. Work included preparation of construction documents. Project cost: \$200,000.

**Florida Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Technician responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Project Cost: \$2.5 - \$3.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Technician responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project Cost: \$1.3 Million.

**Timberlane and Timberlane School Rd. Intersection Improvements, Leon County, Florida** – Technician responsible for the preliminary plans production for an intersection improvement project. Project Cost \$700,000.

**Ft Cooper State Park, Bike Trail, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance for one mile of multi use trail. Project cost: \$60,000

**Ft Cooper State Park, Invasive Species Site, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance of a 1.5 acre commercial site. Project cost: \$450,000



**APPENDIX B**

**SUBCONSULTANTS**



**NOBLES CONSULTING  
GROUP, INC.**



2844 PABLO AVENUE  
TALLAHASSEE, FL 32308  
P:850.385.1179  
F:850.385.1404

March 2, 2011  
Ms. Danielle E. Marrero, P.E.  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough Street  
Tallahassee, Florida 32303

RE: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Ms. Marrero,  
Nobles Consulting Group, Inc. agrees to provide Professional Surveying and Mapping support services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. Should there be any questions regarding this agreement or additional information required please contact me at (850) 385-1179.

Nobles Consulting Group, Inc.

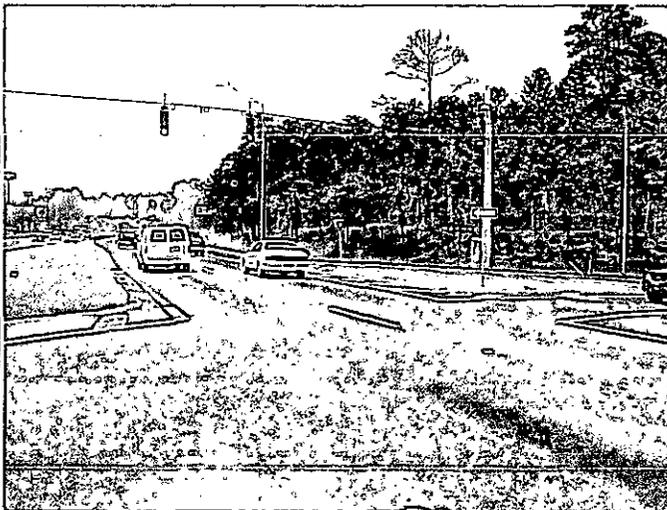
James E. Melcher, P.S.M.  
Project Manager



**NCG**  
NOBLES CONSULTING GROUP, INC

## Roadway Surveying Services

- ◆ **Preliminary Design and Engineering/ Corridor** Correlate and combine ground-based survey control and data with remote sensing information, collected by methods such as LiDAR and Photogrammetry .
- ◆ **Roadway rehabilitation and enhancements** NCG can interweave conventionally surveyed data and 3D laser scanning data through the use of our terrestrial scanning, software, and mobile scanning.
- ◆ **Bridge Replacement and Modifications** NCG can provide existing conditions data for the replacement or reinforcement of existing structures, from simple cross drain and box culvert ensembles to multi-segment bridge structures.
- ◆ **Multilane Reconstructions** NCG can provide both Right of Way Control Surveys and Right of Way Maps for acquisition purposes and design survey services.
- ◆ **Intersection Improvements** NCG works with designers to gather information pertinent to particular projects, such as adding turn lanes, realigning side roads, or the placement of signal poles.



- ◆ **Platting of dedicated rights of way within subdivisions**
- ◆ **Roadway Construction Layout and Site Grading** NCG can provide layout of new corridors providing project control, alignment staking and referencing, curb and gutter/ pavement/sidewalk layout, drainage structure staking and site grading using both conventional and machine grade technology.
- ◆ **Construction Engineering Inspection Surveys (CEI)** NCG can provide survey services needed for CEI projects, from checking and reestablishing project control to pre and post construction surveys, including as-builts and finished grade conditions, for use in calculations and project certifications.
- ◆ **Driveway Permitting** NCG can provide survey services for new and rerouted driveway tie-ins.
- ◆ **Eminent Domain / Maintained Right of Way** NCG has worked with State and County officials to determine maintenance limits on existing projects and to delineate required right of way areas on proposed and enhanced projects where right of way is needed.

Visit our website at [www.ncginc.com](http://www.ncginc.com) for additional corporate and services information.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> Paul Williamson, PSM		<b>13. ROLE IN THIS CONTRACT</b> Project Manager		<b>14. YEARS EXPERIENCE</b>	
				a. TOTAL 38	b. WITH CURRENT FIRM 21
<b>15. FIRM NAME AND LOCATION (City and State)</b> Nobles Consulting Group - Tallahassee, Florida					
					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> B.S., Finance/Florida State University			<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Florida #3208, Professional Surveyor and Mapper		
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Mr. Williamson is a registered land surveyor and presently is the Project Manager in charge of the survey field crews. He has over 38 years' experience in surveying and was previously the owner of his own land surveying firm. Paul also utilizes his background in finance to perform economic studies as needed.					

**19. RELEVANT PROJECTS**

	<b>(1) TITLE AND LOCATION (City and State)</b> Canopy at Welaunee Tallahassee, Florida	<b>(2) YEAR COMPLETED</b>	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable)
a.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - 980 Acre topographic and tree survey, cross section roadways, cross section Fleishman Road. \$138,000.		
	<b>(1) TITLE AND LOCATION (City and State)</b> Stone Buildings - FSU Campus Tallahassee, Florida	<b>(2) YEAR COMPLETED</b>	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable)
b.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Topographic tree and utility survey. Locate existing improvements, used scanner for data collecting. \$58,000.		
	<b>(1) TITLE AND LOCATION (City and State)</b> Gadsden County High School Gadsden County, Florida	<b>(2) YEAR COMPLETED</b>	
		PROFESSIONAL SERVICES 2005	CONSTRUCTION (if applicable) 2004
c.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary and topographic survey of 100 acres, Construction stakeout construction of new high school, As built survey of new facility. \$50,320.		
	<b>(1) TITLE AND LOCATION (City and State)</b> Heritage Oaks Apartments Ocala Road, Tallahassee, Florida	<b>(2) YEAR COMPLETED</b>	
		PROFESSIONAL SERVICES 2005	CONSTRUCTION (if applicable) 2005
d.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic, tree and utility survey of 38 acre site, Stakeout for all buildings, roads, walks and utilities, As built survey of utilities and all improvements. \$23,000.		
	<b>(1) TITLE AND LOCATION (City and State)</b> Chiles High School Tallahassee, Florida	<b>(2) YEAR COMPLETED</b>	
		PROFESSIONAL SERVICES 2006	CONSTRUCTION (if applicable)
e.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic and utility survey construction stakeout for buildings, utilities and Storm water management facility, As built survey of complete facility. \$30,000		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>M. Kevin Mears, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State)  
**Nobles Consulting Group - Tallahassee, Florida**



16. EDUCATION (DEGREE AND SPECIALIZATION)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
Florida #5459, Professional Surveyor and Mapper

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Mears serves as a field coordinator responsible for creating and implementing the best practices standards for field staff. He has had formal training in GPS systems, government retracement surveys, wetland mapping and office processing systems. Mr. Mears has provided field and office services for miscellaneous FDOT surveying projects and field control for QA/QC of LiDAR mapping.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>Tallahassee-St. Marks Historic Railroad City of St. Marks to City of Tallahassee, Florida</b>	2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager and surveyor for Topographic Survey of 16 mile bicycle and equestrian trail in Leon and Wakulla Counties. Survey done for Office of Greenway and Trails, design of trail improvements and trailheads. Horizontal control pairs were established at 3 mile intervals from a static GPS control network. Permanent benchmarks were established at 1000-foot intervals by digital leveling.			
b.	<b>River Bend Havana, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager and surveyor for Boundary Survey of 2000 acres in Gadsden County. A dependent resurvey of portions eight (8) sections using Public Land Survey field notes and plats. Researched legal descriptions, analyzed boundary evidence. Determined Ordinary High Water elevation by field transects and LiDAR data. LiDAR data was also used to plot positions of section corners from Government Land Office Field Notes. Fee \$65,000.			
c.	<b>Comfort Creek Property Lake Talquin, Florida</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project manager and surveyor for Boundary and Topographic Survey of Dependent resurvey of 470 acres in Gadsden County. Control was established for LiDAR Mapping from a static GPS network and conventional leveling. A topographic survey map was prepared showing contours at 1-foot interval, using LiDAR and conventional field survey data.			
d.	<b>SummerCamp Subdivision St. Teresa, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project manager and surveyor for Dependent resurvey of 800 acre parcel in three fractional sections in the John Forbes and Company Land Grant on the Gulf of Mexico. Survey included mapping of approximately five miles of Mean High Water and twenty-one miles of wetlands. Retracement of the privately surveyed sections was aided by 1960 field notes by local surveyor J.B. Hathaway. Survey control established by static GPS network and conventional leveling.			
e.	<b>Box R Ranch Apalachicola, Florida</b>	2003	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager and Surveyor for Boundary Survey of 8000 acres in the John Forbes and Company Land Grant. A dependent resurvey of 19 sections was done using P.L.S. field notes and plats of the township and range lines that divided the privately surveyed sections. Researched legal descriptions and maps to retrace private sections. Seven, three-man, field crews were used to complete the field survey within 90-days. Analyzed boundary evidence, identified boundary conflicts and encroachments.			



**ENVIRONMENTAL &  
GEOTECHNICAL  
SPECIALISTS, INC.**



ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.

March 3, 2011

Registe, Sliger Engineering, Inc.  
1427 North Bronough Street  
Tallahassee, FL 32303

**ATTN:** Jacques Registe, P.E.  
President

**RE:** Letter of Commitment  
Leon County Proposal Number: BC-03-17-11-25  
Civil Engineering Services Continuing Supply

Dear Jacques:

On behalf of Environmental and Geotechnical Specialists, Inc. (EGS), I am pleased to be part of the Registe, Sliger Engineering, Inc. team to perform geotechnical services as needed for the above referenced proposal. I confirm our commitment to meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective investigations and deliverables to you and your client. Further, these projects will have our highest priority with respect to scheduling staff and resources.

EGS is a Minority Business Enterprise (MBE) registered with Leon County and the City of Tallahassee. I have attached proof of our certification.

EGS looks forward to working with you and the Leon County Board of County Commissioners. If you have any questions or need additional information, please contact me at (850) 386-1253.

Very truly yours,

**Environmental and Geotechnical Specialists, Inc.**

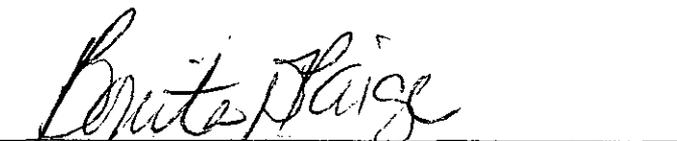
Judith M. Hayden, P.E.  
President



This certifies that  
**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALTIES, INCORPORATED**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**May 18, 2010 to May 31, 2011**

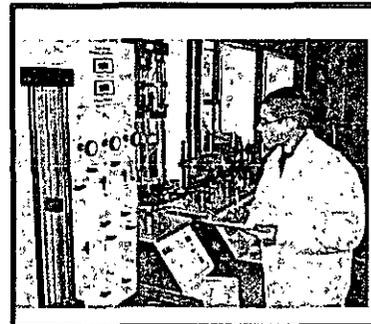
  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**

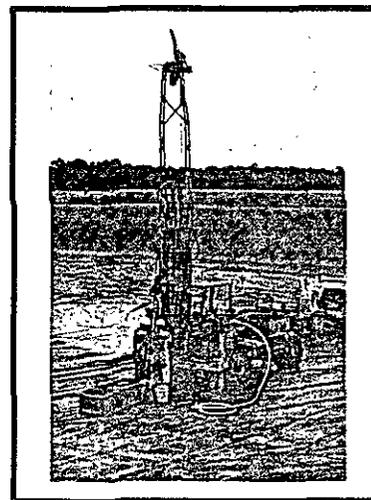
H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

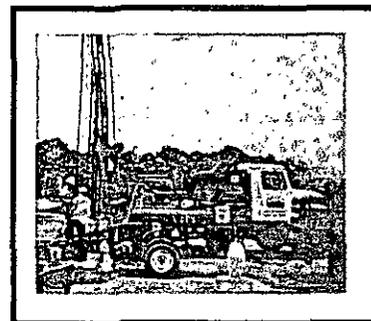
The M/DBE firm of Environmental and Geotechnical Specialists, Inc. (EGS) will be providing specialty services to the design team. EGS is highly qualified and has an outstanding work experience within the panhandle of Northwest Florida. EGS specializes in the areas of wetland permitting, environmental site assessments and geotechnical investigations and designs. The staff at EGS has been providing professional services since 1992. EGS is dedicated to providing exceptional services at competitive rates.



EGS is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS's professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services.



EGS also has a professional and knowledgeable staff experienced in providing environmental assessments and engineering solutions to various construction related environmental problems encountered during the planning, engineering and design phase of the projects. EGS's staff is familiar with the regulatory requirements of the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the Northwest Florida Water Management District. The results of EGS's investigations are presented in a focused engineering report prepared by a licensed professional engineer.



The staff at EGS is committed to satisfy the needs of their clients on all aspects of an assigned task. EGS will meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective testing and deliverables. Further, the projects will have our highest priority with respect to scheduling staff and resources. EGS will pledge to go the "extra mile" to meet the needs and expectations of the project.



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

*Judith M. Hayden*

32. DATE

Sept. 14, 2009

33. NAME AND TITLE

Judith M. Hayden, P.E., President

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Myron L. Hayden, Ph.D., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Tri-State Univ., 1974 Master of Science - Civil Engineering, Oklahoma State Univ., 1975 Doctor of Philosophy - Geotechnical Engineering, Oklahoma State Univ., 1978	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 34067, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Florida Engineering Society (Elected Fellow, Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Society of Civil Engineers (Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Public Works Association

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>General Service Contract</b> City of Tallahassee, Public Works Dept.	On-going	On-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Serve as project manager for miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the Geotechnical analysis for the construction of new roadway, mast arm installation, slope evaluations, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.		
<b>General Service Contract</b> Florida Dept. of Transportation, District 3, Chipley, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Provide miscellaneous services to the Florida Department of Transportation under a General Service Agreement. The tasks have included the geotechnical analysis for roadway design, culvert extensions, bridge foundations, bridge repair, mast arm installation, slope evaluations, base failures, lane additions and stormwater pond designs.		
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Provided the detailed geotechnical design services for the construction of two (2) day tanks to be constructed at the TPS Water Reclamation Facility. The investigation included an evaluation of potential karst features, foundation design recommendations, and construction concerns. Also provided the detailed geotechnical design for the upgrade of facility.		
<b>Capital Cascade Trail Park - Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. The Capital Cascade Trail project is a flood relief and greenways plan for a 5.2 mile corridor through Tallahassee, Florida. This project includes the planning and design for trails, parks, pedestrian bridges, and gateway amenities in combination with the stormwater aspect of flood control for the St. Augustine Branch and the Central Drainage Ditch EGS worked with the Genesis Group to provide the foundation designs for the various aspects of the project.		
<b>McKeithen Road Improvements Project</b> City of Tallahassee, Public Works Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Conducted the geotechnical investigation for the widening of five (5) segments of the Capital Circle widening project. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, stormwater treatment facilities and the remediation recommendations for karst features.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Derwood C. Sheppard, Jr., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Florida State University, 2003	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 69228, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
American Society of Civil Engineers  
Florida Engineering Society

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the project engineer for the design of the proposed improvements to the Thomas P. Smith Wastewater Treatment Facility. The project included the design of various structures and foundations ranging from shallow spread footings, mat foundations and deep soil improvements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Capital Cascade Trail Park – Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the project engineer for the geotechnical investigation of Capital Cascade Trail Park. The project has included the design of retaining walls, culvert structures, pedestrian bridges, water features, stormwater ponds and realigned roadways.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Connie Drive Flood Relief</b> City of Tallahassee, Public Works Dept.	2008	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the project engineer for the geotechnical investigation of Connie Drive Flood Relief improvements project. The project included the suitable mater determination for drainage lines and culverts and the geotechnical design parameters for the construction of box culverts and an earthen dam.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Capital Circle Widening</b> Blueprint 2000 and Beyond, Tallahassee, FL	On-going	On-Going
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served the project engineer for the geotechnical investigation of Capital Circle Southeast Roadway Improvements project for 2 segments of the roadway (Connie Drive to Tram Road, and Tram Road to Woodville Highway). The project included the design analysis of new roadway, and stormwater ponds as well as the slope stability associated with the existing embankments.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>McKeithen Road</b> City of Tallahassee, Public Works Dept.	2008	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assisted with the geotechnical investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included roadway design with curb and gutter, culvert extensions, and stormwater treatment and attenuations facilities. In addition, the project included an investigation for karst features.	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Thomas H. Hayden, P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION *(City and State)*  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science - Civil Engineering, University of South Florida, 2003	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer, 67492, FL
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 American Society of Civil Engineers (Pres. Big Bend Chapter 2008) (Young Engineer of the Year 2008)  
 Florida Engineering Society

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>John's Building, UST Removal</b> City of Tallahassee, Public Works Dept., Real Estate Div.	2009	2009
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. Supervised the underground storage tank removal for the City of Tallahassee at the John's Building. The project included the removal, removal of contaminated soil, CEI Inspection, environmental sampling and analysis, and well closure.		
<b>Lake Bradford Lift Station</b> City of Tallahassee, Water Utility Dept.	2008	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. Assisted in the geotechnical investigation for the Lake Bradford Lift Station. This project included the development of the geotechnical design parameters and recommendations for the construction considerations for the proposed construction. Served as field manager for the drilling and laboratory testing associated with the project.		
<b>Providence Neighborhood Enhancement-Pavement Design</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. Project manager for the pavement core and condition survey for the Providence Neighborhood Improvements Project. This project included the pavement core and condition survey, the base, subgrade and embankment compaction analysis, bituminous design parameters and construction considerations for the proposed improvements.		
<b>Tom Brown Park – Tennis Court Rehabilitation</b> City of Tallahassee, Parks, Recreation and Neighborhood Affairs Dept	2009	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. Assisting the City of Tallahassee with the analysis for the pavement failure at the Tom Brown Park Tennis Court Complex. The project included the subsurface investigation, field and laboratory compaction analysis, bituminous evaluations, and design recommendations for the proposed project.		
<b>Capital Circle Force Main By-Pass</b> City of Tallahassee, Water Utility Dept.	2006	2007
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. Supervised the field work required for the installation of soil borings for the construction of a force main from Miccosukee Road to Eliza Road. The project included marking the boring locations, receiving utility clearance, conducting laboratory testing and preparation of the geotechnical report with design and construction recommendations.		



**MILLER'S  
TREE SERVICE**



March 13, 2011

Danielle Marrero  
Registe, Sliger Engineering, Inc.  
1427 N. Brimough St.  
Tallahassee, FL 32303

Re: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Dear Danielle,

This letter confirms our commitment to provide mitigation services and certified arborist services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. If you have any other questions, please give me a call.

Sincerely,

Clay Culppepper  
Gibbs & Culppepper Tree Service  
(now Miller's Tree Service)  
Certified Arborist FLS924A  
850-566-3881

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Ray Childress</b>	13. ROLE IN THIS CONTRACT <b>Certified Arborist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>5</b>	b. WITH CURRENT FIRM <b>5</b>

15. FIRM NAME AND LOCATION (City and State)  
**Gibbs/Culpepper Tree Svc (now Miller's Tree Service) Tallahassee, FL**

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science in Commerce and Business Administration, with distinction. Accounting.  Masters Degree in Tax Accounting.</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>State of Florida Certified Arborist, FL5924A</b>
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**President, Tallahassee Young Entrepreneurs Organization, 2011  
Voted Best Tree Service in Tallahassee, 2008-2010**

**19. RELEVANT PROJECTS**

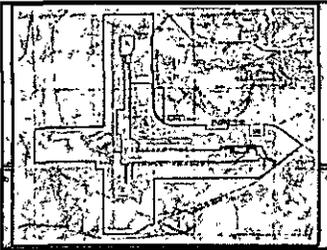
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Supreme Court Bldg Tallahassee, FL	2009		2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a very highly scrutinized water intrusion project at the Supreme Court Building where we mitigated 4 very large live oaks to protect them during this 2 year project. Our Cost: \$30,000			
Evening Rose Development Tallahassee, FL	2009		2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a new development at the corner of Mahan and Capital Cr NW where LRB0 certification and "green" concepts were the focus. We performed mitigation and on going arborist services for the contractor and developer over a 4 year period. Cost: \$200,000.			
Kohl's Store Fort Walton, FL	2007		2007
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new Kohl's. We mitigated approximately 30 trees in the new proposed parking lot and around the proposed building. Cost: \$20,000			
Florida Sheriffs Association Tallahassee, FL	2010		2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new building around 7-8 very large live oaks. We mitigated all the trees to prepare them for the impacts of construction. cost: \$8,000			
Many newly constructed homes Tallahassee, FL	2010		2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for many local newly constructed homes where we prepare mitigation plans and implement them to protect the trees on the site from the impacts of construction. Average Cost: \$2,000 per site			



**APPENDIX C**

**PROJECT  
INFORMATION FORMS**

# Tallahassee Regional Airport Redevelopment Leon County, Florida



## Project Overview

**Project Owner:**

City of Tallahassee  
3300 Capital Circle SW  
Tallahassee, FL 32310  
(850) 891-7800

**Owners Project Manager:**

Michael Clowe

**Key Team Members and Role:**

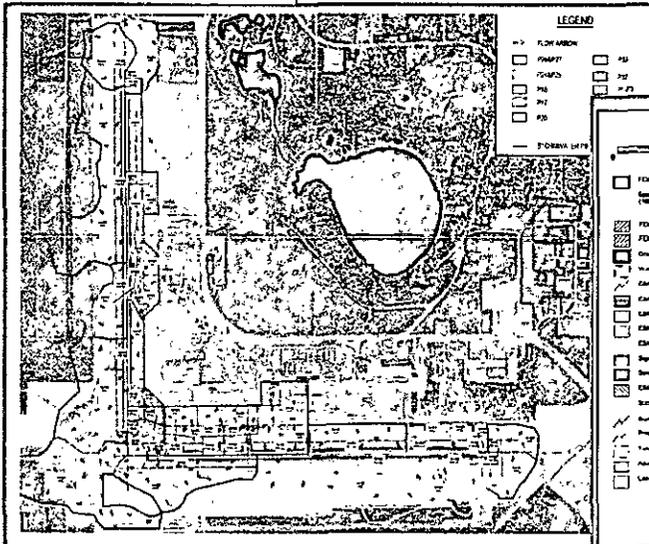
John Sliger, PE - Project Engineer/Manager  
Danielle Marrero, PE - Project Engineer  
Mary Persson, PE - Project Engineer  
Brett Williams - Technician

**Project Completed:**

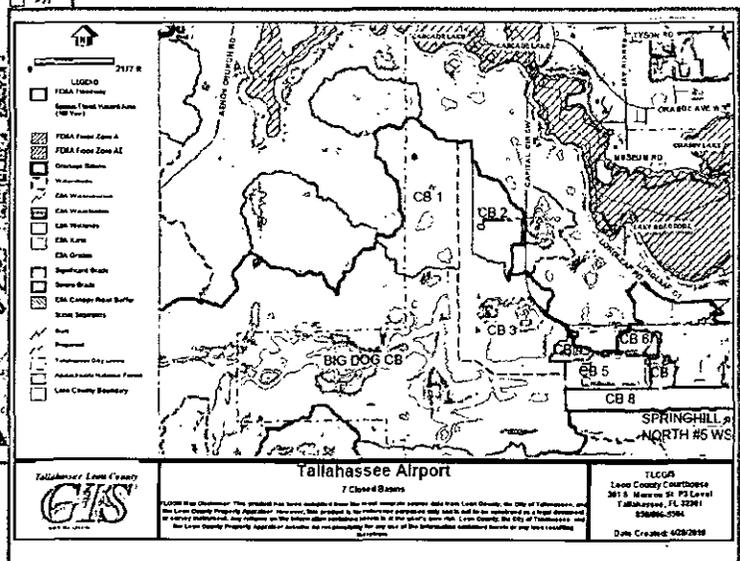
February 2011

The Tallahassee Regional Airport Redevelopment Project proposes to correct the vertical profile of the longer runway, Runway 09-27 (east/west). This runway currently has a vertical profile that is undesirable, as pilots cannot see the other end of the runway during takeoff and landing. Due to this, the shorter runway, Runway 18-36 (north/south) will be extended approximately 500 feet on each side to handle the jet loads while Runway 09-27 is reconstructed. Associated taxiways will also be extended. No additional impervious is currently being proposed for Runway 09-27.

Registe, Sliger Engineering, Inc. (RSE) was contracted to provide a pond siting analysis and stormwater pond design for the closed basins within the limits of construction.

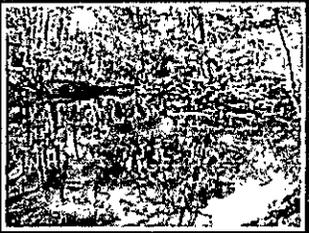


Drainage Basin Delineation



Closed Basins

## *Florida Caverns State Park Cross-Drain Analysis Jackson County, Florida*



**Project Owner:**

Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**

Tom Napier, PE

**Key Team Members and  
Role:**

John Sliger, PE - Project  
Manager/Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

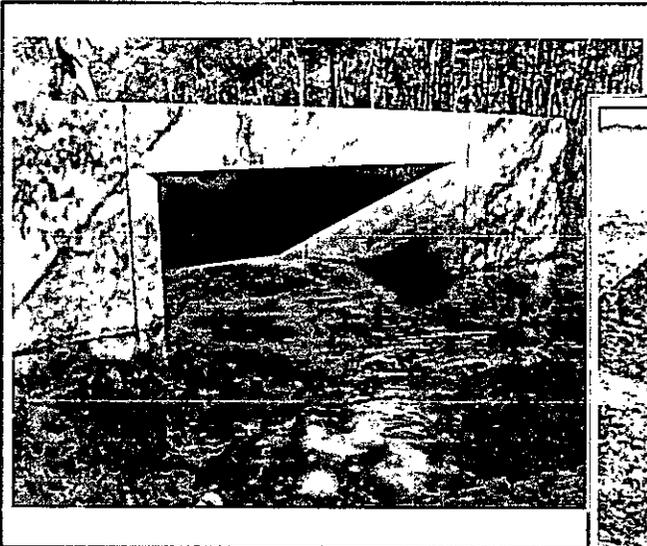
**Project Completed:**

February 2009

### **Project Overview**

Registe, Sliger Engineering, Inc (RSE) was tasked by the Bureau of Design and Construction to provide a hydrologic and hydraulic cross drain analysis of the existing 12 foot wide by 7 foot high box culvert over the Chipola River located within the Florida Caverns State Park. The project consisted of determining the adequacy of the existing culvert to pass the peak flows generated by various storm events within the contributing basin and determine if minor structural improvements to the crossing would provide a reasonable level of service at the existing crossing location.

Tasks included determining the rainfall/runoff relationship for the basin, creation of a HEC-RAS existing conditions model, calibration of existing condition model, created various proposed conditions models and recommendations for improvements to the client.



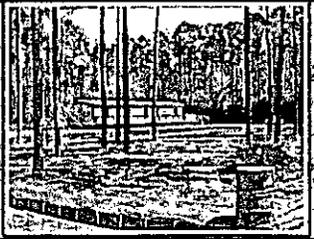
Existing Box Culvert



Existing Box Culvert

## *Fort Cooper State Park Invasive Species Site*

### *Fort Cooper State Park, Florida*



**Project Owner:**

Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**

Randall Strange

**Key Team Members and  
Role:**

John Sliger, PE - Project  
Manager/Engineer  
Carlos Campos, EI -  
Engineer Intern

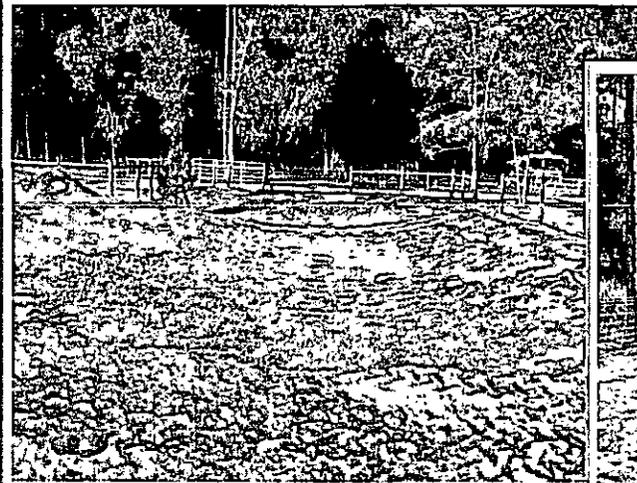
**Project Completed:**

August 2006

### **Project Overview**

RSE provided design and permitting services for the FDEP Invasive Species site located within the Fort Cooper State Park. Tasks included grading plan, potable well design, force main design, and stormwater management facilities design.

The stormwater management facility was designed for the 25 yr-24 hr. design storm and a mounding analysis was required using the software Ponds. Permitting services provided included and Environmental Resources Permit from the Southwest Florida Water Management District (SWFWMD), Citrus County Growth Management and FDEP wastewater, potable water and NPDES sections.



**Stormwater Management Facility**



**Stormwater Management Facility**

## *JS Jones Road Bridge Replacement Holmes County, Florida*

### **Project Overview**

***Project Owner:***

Florida Department of  
Transportation  
1074 Highway 90 East  
Chipley, FL 32428  
(850) 638-2288

***Owners Project Manager:***

Kerrie Harrell, PE

***Key Team Members and  
Role:***

Jacques Registe, PE-  
Project Manager/Senior  
Structural Engineer  
John Sliger, PE - Project  
Engineer  
Danielle Marrero, PE-  
Drainage Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

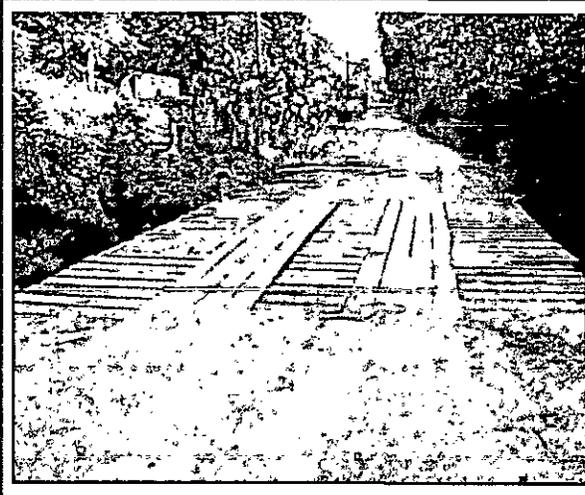
***Project Completed:***

August 2010

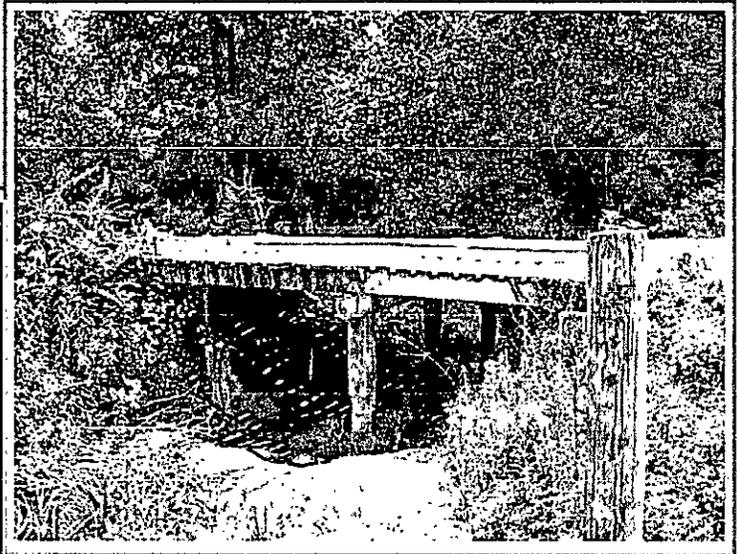
Registe, Sliger Engineering, Inc. (RSE) has been contracted by the Florida Department of Transportation (FDOT) to perform the Bridge Hydraulics Report (BHR) for the bridge replacement for JS Jones Road over Unnamed Branch. It is currently an unpaved roadway in Holmes County south of State Road 2, west of the city of Graceville, in Section 33, Township 6 North, Range 13 West. The new structure was designed to meet the current FDOT design criteria, which includes a 10-year design storm for off-system County maintained dirt roads.

As part of the BHR, two alternatives for bridge configuration were modeled. Alternate 1 consisted of a 36 foot single span bridge while Alternate 2 consisted of two 10 foot by 6 foot box culverts. The recommended alternate was the box culverts due to hydraulic capabilities, scour potential, construction cost and shortened construction time.

Tasks included determining the rainfall/runoff relationship for the basin, creation of a HEC-RAS existing conditions model, calibration of existing condition model, creation of the two proposed conditions models and recommendations for improvements to the FDOT.



**JS Jones Road over Unnamed Branch Bridge**



**Existing Bridge Profile**

## Lakeside Drive Drainage Improvements Leon County, Florida

### Project Owner:

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

### Owners Project Manager:

Felton Ard, PE

### Key Team Members and Role:

John Sliger, PE - Project  
Manager  
Danielle Marrero, PE -  
Project Engineer  
Mary Persson, PE -  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

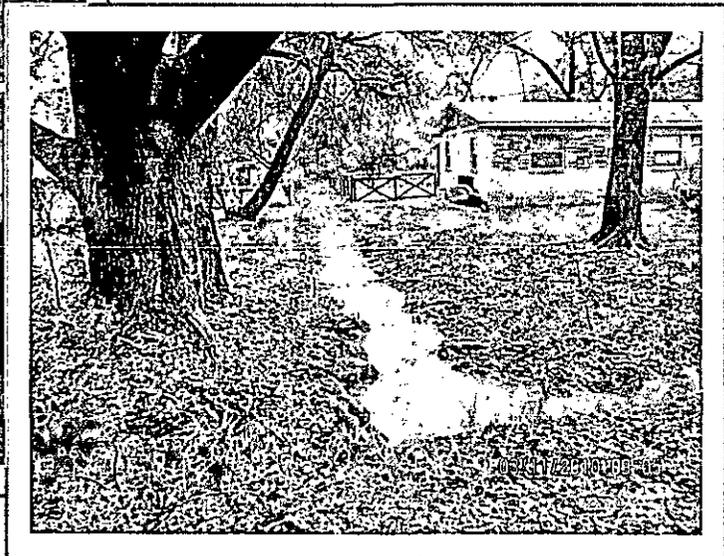
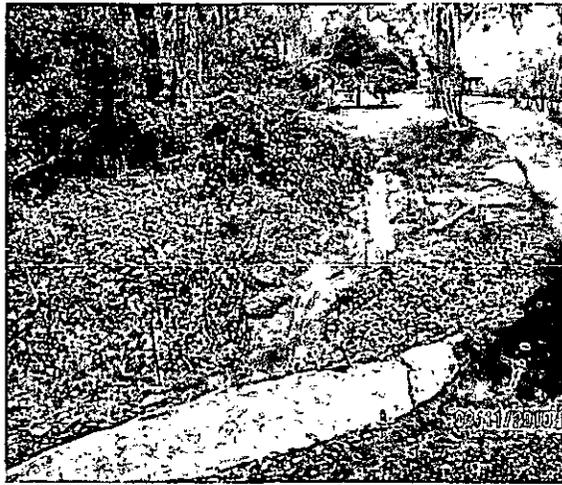
### Project Completed:

April 2010

### Project Overview

The Leon County Public Works Department contracted with Registe, Sliger Engineering, Inc. (RSE) to perform a preliminary drainage study of the Lakeside Drive area due to nuisance flooding experienced after significant rainfall events. Residents currently experience flooding in their yards and carports during large storm events due to the basin having inadequate downstream conveyance. Flooding conditions do not prevent access to the residential homes in the area. In all, the flooding affects approximately six parcels. The 'bowl' that exists in the loop created by Livingston Drive, Lakeside Drive, Elwell Drive and Vause Drive has an undersized downstream conveyance system. The purpose of this study was to evaluate the existing and potential conveyance systems to ensure capacity to reduce flooding and provide the most feasible, hydraulically sound solution.

Three viable alternatives were considered in producing a recommended improvement for the project area. Drainage design included an ICPR stormwater model of the proposed drainage system from Livingston Drive to the Lower Gwyndale Pond, roadway conveyance ditches within the project limits, analysis of the hydraulic design of the closed conduit system from Livingston Drive, down Waterline Drive to the Lower Gwyndale Pond, analysis of the existing drainage system within the Lakeside Drive loop, and designed improvements within existing right-of-ways and drainage easements that will increase conveyance through the neighborhood.



Existing Conditions

## *Maylor-Taylor Closed Basin*

### *Leon County, Florida*

**Project Owner:**

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

**Owners Project Manager:**

Felton Ard, PE

**Key Team Members and  
Role:**

John Sliger, PE -  
Project Manager  
Danielle Marrero, PE -  
Project Engineer  
Brett Williams -  
Technician

**Project Completed:**

January 2011

### **Project Overview**

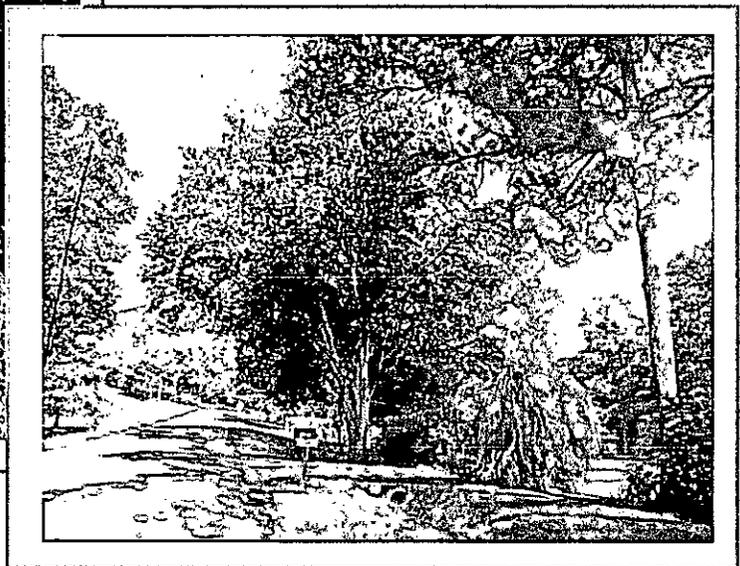
Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to provide engineering services for drainage improvements in the Maylor Road and Taylor Road area to alleviate flooding.

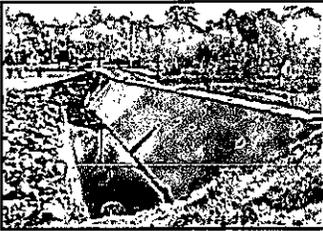
Maylor and Taylor Roads are located in the Maylor Closed Basin (CB). Due to the complexity of the potential interbasin transfer, other options were being assessed for flood reduction.

Services included establishing Maylor-Taylor basin delineation utilizing County provided GIS files, analyzing the hydrology of the basin and producing runoff volume calculations utilizing the SCS Hydrograph method for the 10, 25 and 100 year storm events. RSE also identified vacant sites within the Maylor CB for potential use as surface storage facilities and explored the possibility of creating a storage facility to compensate for volume within the basin.



**Existing Conditions**





# Meginnis Arm Spillway Repair Leon County, Florida

**Project Owner:**  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308

**Owners Project Manager:**  
Felton Ard, PE

**Key Team Members and Role:**

John Sliger, PE -  
Project Manager  
Jacques Registe, PE -  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Construction Completed:**  
December 2009

## Project Overview

The Meginnis Arm Spillway is located at the headwaters of Lake Jackson in Leon County, Florida. The 88-foot long by 10.5-foot high concrete spillway controls the discharge, along with a box structure and 10-inch discharge pipe, from Meginnis Creek Pond to Lake Jackson. The pond has a watershed area of 58.6 acres per Leon County GIS data.

The outfall side of the spillway was severely eroded during Tropical Storm Fay in 2008. As a result, the slope protection was undermined and settlement of the concrete spillway had occurred. The interior clay core had also begun to severely erode. The County budgeted the spillway's repair with the money designated to correct stormwater problems following the storm.

Registe, Sliger Engineering, Inc. (RSE) was hired by Leon County Public Works Department to provide engineering services to repair the structural integrity of the spillway.



View of Meginnis Arm Spillway prior to repair

## Design

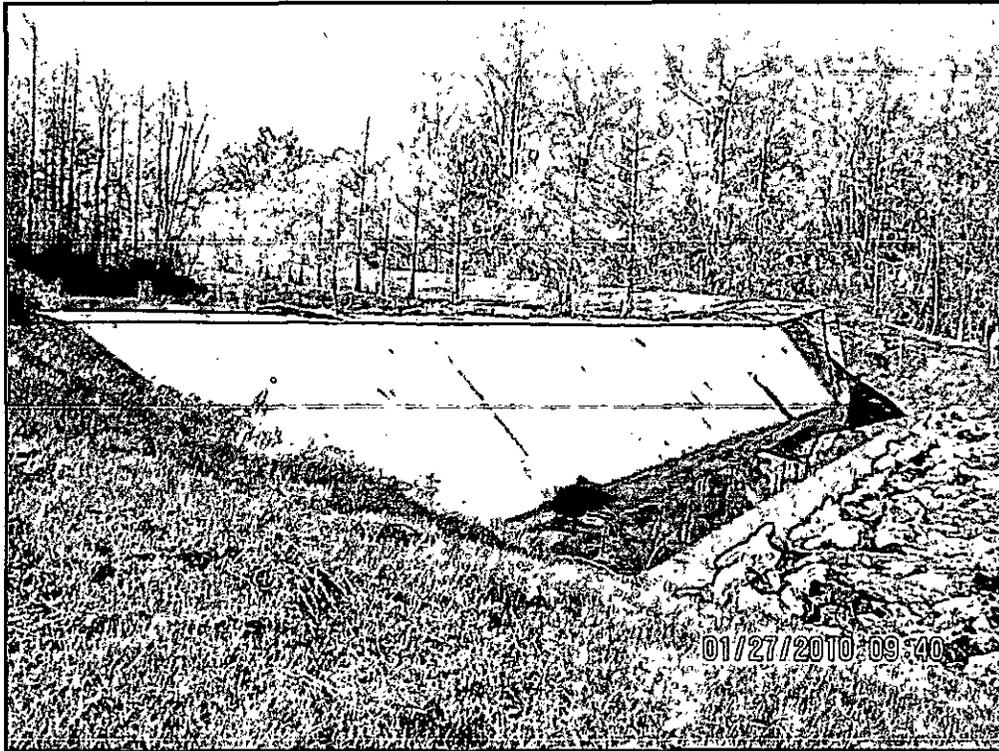
The spillway was repaired by reconstructing the internal clay core and the top and outfall side of the spillway. The existing damaged slope pavement was removed and replaced in kind to facilitate the flow over the spillway. A 12-inch wide concrete toe wall was required to protect the slope from future erosion.

### Clay Core

The internal clay core was rebuilt in 6-inch lifts and compacted to 95% modified proctor density.

### Slope Pavement

The top and outfall side of the spillway was reconstructed following the repair of the clay core. The design included 6-inches of concrete with welded wire reinforcement. A 2-foot deep toe was added to prevent further erosion and slope instabilities.



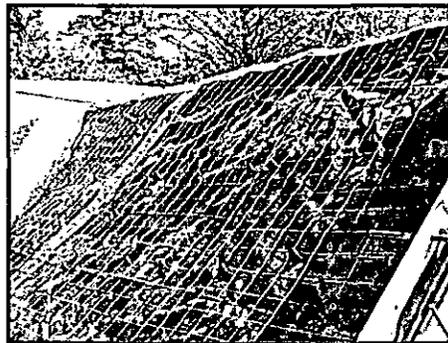
View of Meginnis Arm Spillway after repair

**Construction**

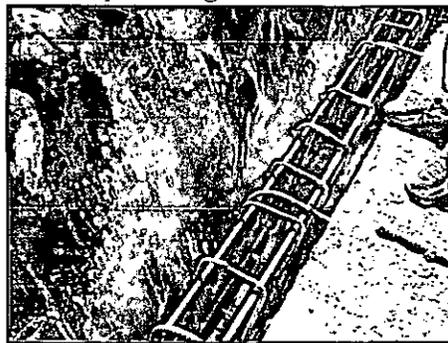
Construction began in October 2009 and was completed in December 2009. The contractor had to overcome several obstacles during construction. The main complication was in the installation of the waterstops.

**Waterstops**

A waterstop is a section of flexible waterproof material placed in concrete joints to prevent passage of water. The addition of these waterstops will help prevent future water intrusion under the concrete that will disturb the clay core.



Slope during construction



Footer during construction

Registe, Sliger Engineering, Inc. was hired to perform construction administration services and worked closely with Dixie Paving & grading throughout the construction process. The close teamwork resulted in minimal delays and completion of the project within schedule and budget.

The overall benefit of the project has provided a more structurally sound and efficient structure to discharge flows into Lake Jackson.

## Portsmouth Circle Drainage Improvements Leon County, Florida

### Project Owner:

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

### Owners Project Manager:

Felton Ard, PE

### Key Team Members and Role:

John Sliger, PE -  
Project Manager  
Danielle Marrero, PE -  
Drainage Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

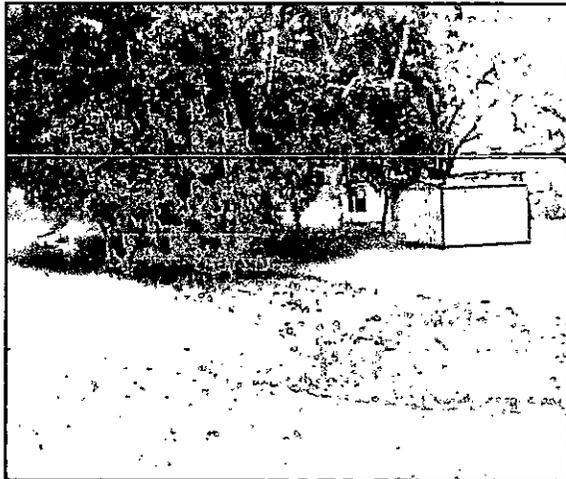
### Project Completed:

January 2010

### Project Overview

Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to perform a drainage study and determine a solution to a residential flooding problem experienced after the incidence of Tropical Storm Fay. The flooding occurs in the Portsmouth Circle/Appalachee Parkway area. Residents currently experience structure and yard flooding during major storm events due to inadequate conveyance capacity in the existing drainage system north of Portsmouth Circle. The existing concrete channel intercepts runoff from the north and Louvinia Drive, then directs the off-site runoff around the homes to a 24-inch cross drain.

RSE determined that increasing the size of the 24-inch pipe will increase the capacity and reduce the amount of stormwater that stages up in the concrete channel behind the residences. The project improvements include removing the 90 degree bend in the concrete channel and replacing the 24-inch CMP with a 36-inch RCP with a FDOT headwall. To accommodate the necessary change in flow direction once the 90 degree bend was removed from the concrete channel, a FDOT Type E inlet was added to direct flows into the 36-inch RCP. A 36-inch wide x 21-inch high slot was provided on the west side of the structure to collect runoff entering the structure from the concrete channel. Aluminum bars across the slot and a cast iron grate on the top shall prevent large floatables or small animals from entering the structure and pipe.



Site Flooding During Storm



Existing Conditions

## *Lillian Ruediger Elementary School Stormwater Study*

### *Leon County, Florida*

**Project Owner:**

Leon County School  
Board

2757 W Pensacola Street  
Tallahassee, FL 32304  
(850) 487-7100

**Owners Project Manager:**

Paul Byrd

**Key Team Members and  
Role:**

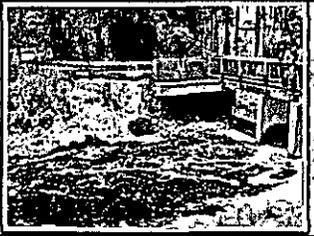
John Sliger, PE -  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern

**Project Completed:**

October 2007

**Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was contracted by Nobles Consulting Group, Inc. to provide a stormwater study at the elementary school. The purpose of the study was to analyze the existing drainage conditions for the Lillian Ruediger Elementary School. This project was prompted by a flooding event that occurred from December 24-25, 2006. A field investigation revealed that one of the inlets in the student drop off loop off Tenth Avenue had approximately nine-inches of standing water after the storm event. Factors contributing to the flooding possibly include inadequate inlet capacity and inadequate stormwater conveyance to the outlet (stormwater pond to the north of Tharpe Street). The report addressed the magnitude of stormwater flowing to the school and evaluated the storm sewer system to determine the existing conveyance capacity of the system.



## *Sand Hill Lakes Mitigation Bank*

### *Washington County, Florida*

#### *Project Owner:*

Northwest Florida Water  
Management District  
81 Water Management Dr  
Havana, FL 32333  
(850) 539-5999

#### *Owners Project Manager:*

Bill Cleckley

#### *Key Team Members and Role:*

John Sliger, PE - Project  
Engineer/Manager  
Carlos Campos, EI -  
Engineer Intern/  
Structures  
Brett Williams -  
Technician

#### *Project Completed:*

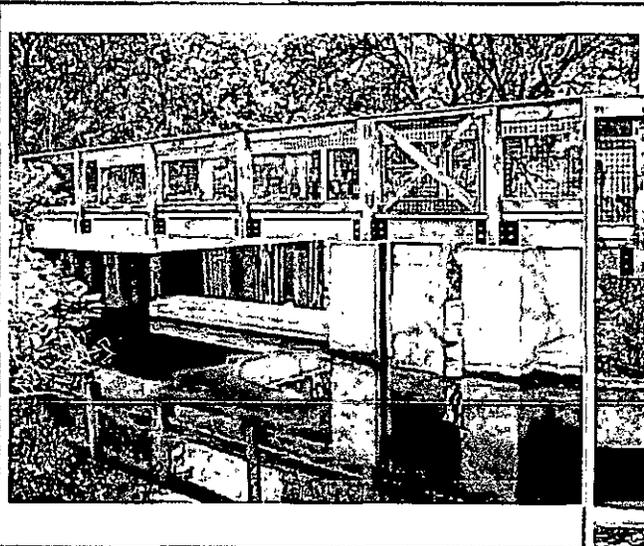
February 2008

#### **Project Overview**

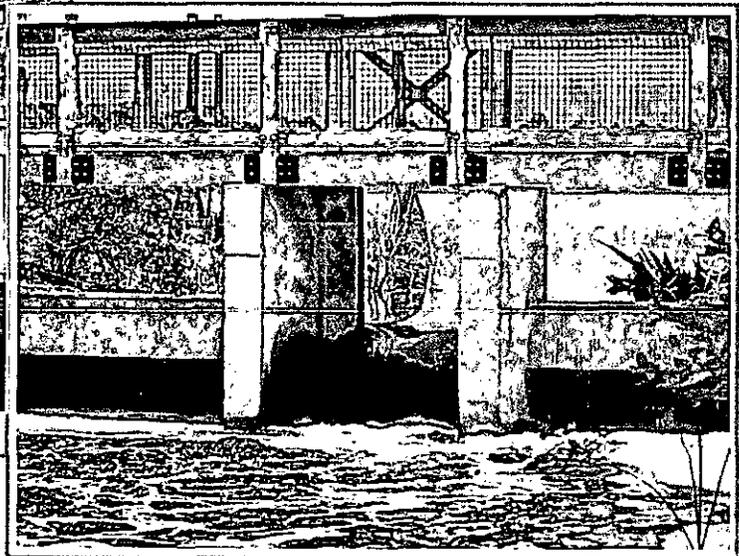
Sand Hill Lakes Mitigation Bank (SHLMB) is publicly owned and operated by the Northwest Florida Water Management District (NFWFMD). The SHLMB is preserving, enhancing, and restoring 2,155.3 acres of wetlands, natural lakes and upland buffers. It was established primarily to provide compensation for wetland impacts caused by Florida Department of Transportation (FDOT) road project.

RSE was hired by the NFWFMD to provide stormwater modeling services for the SHLMB and to design a control structure for Black Pond and five bridges. Construction administration services were also provided.

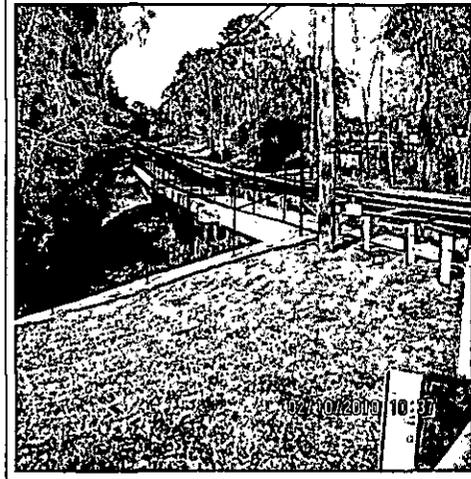
Tasks included a regional ICPR stormwater model of the existing and proposed conditions, calibration and verification of the model for the existing conditions, as well as hydraulic and structural engineering services for the design for 40 foot weir and slash board control structure. The control structure also included a concrete walkway to facility the control of the weir.



Control Structure



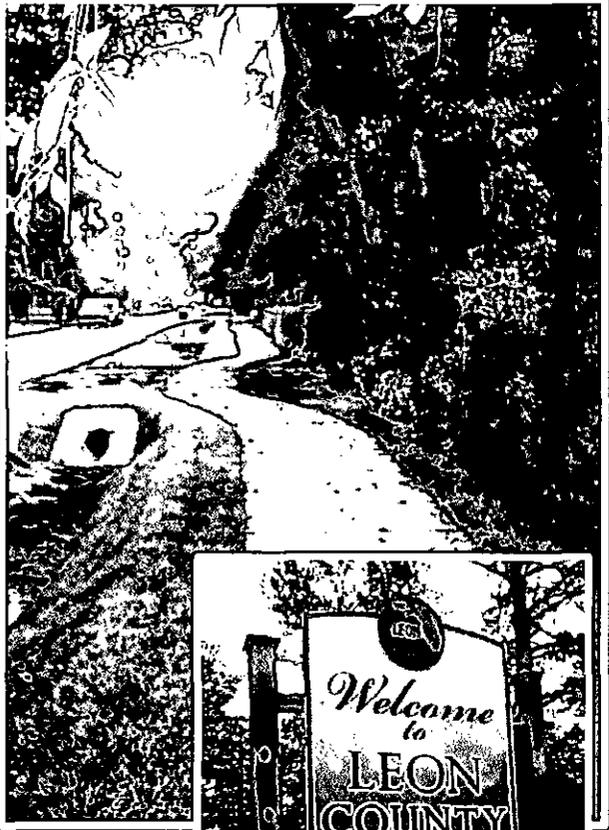
Completed Control Structure



# ROADWAY DESIGN

## Civil Engineering Services Continuing Supply

Proposal Number: BC-03-17-11-25

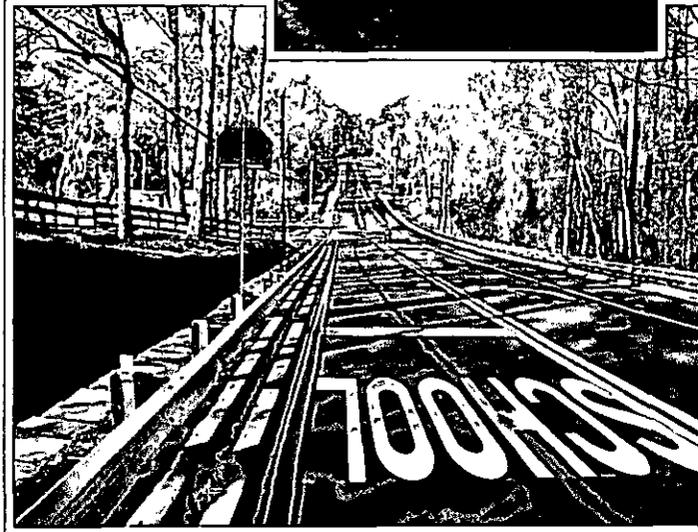


Submitted to:  
Leon County Board of  
Commissioners

Submitted by:  
Registe, Sliger  
Engineering, Inc.



March 17, 2011





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**A. INTRODUCTION**

RSE will provide the roadway design services for the design team. RSE commits a Tallahassee based staff that is focused on high quality design, cost effective and on-time production for our clients. Our experienced staff of engineers and technicians specialize in all aspects of roadway design, construction engineering and inspection services. The firm's staff has been involved in the design, rehabilitation, reconstruction and expansion of many city, county and state projects.

RSE merges the talents of experienced designers and construction professionals to efficiently and effectively handle an array of road and highway projects. Our abilities include transportation impact analyses, roadway and traffic operations design, transportation planning, permitting and coordinating utilities in addition to public involvement. RSE staff members have been involved in the design of complex roadway design projects, such as six miles of the Florida Turnpike and the I-275 widening project in Tampa, Florida. RSE engineers have been involved in the design of over 100 miles of roadway and over 100 bridges for the FDOT.

A major factor in RSE's success in designing quality projects is the fact that all RSE staff have extensive construction, construction inspection and maintenance experience. RSE prides itself in developing a reasonable client expectation for the long term maintenance issues associated with the selected design.

All of our roadway design projects have involved coordination, project review and permitting documentation with such agencies as water management districts, FDOT, utilities and related local regulatory agencies. Negotiations with agency staff and local officials over transportation related issues, such as the location of access connections, required site-related and non-site related improvements, and right-of-way issues, are an integral part of the process.

**B. ABILITY OF PROFESSIONAL PERSONNEL**

**1. RSE Staff Assigned**

The RSE team is immediately available and committed to the successful execution and delivery of any projects resulting from this contract. It is imperative for RSE to demonstrate to the County that it will respond rapidly,

provide ample personnel and resources, perform in a technically competent manner and maintain complete project integrity, including services that are on time and within budget.

The following RSE staff members will be assigned to this contract, as well as availability to provide services on small to medium sized contracts:

RSE Staff Member	Availability
Jacques Registe, P.E.	40%
John F. Sliger, II, P.E.	60%
Danielle Marrero, P.E.	65%
Mary Persson, P.E.	25%
Andre Vaillancourt, P.E.	30%
Carlos Campos, E.I.	75%
Samantha Kaparos	75%
Larry Tew	25%
Brett Williams	50%

Detailed resumes for each staff member can be found in **Appendix A**.

**2. Subconsultants**

The scope of work anticipated under this work category calls for a diverse group of professionals to successfully evaluate, and then design the required construction documents for the County. The firms making up the RSE Team have sufficient staff and available manpower to adequately handle the expected workload requirements from each project. RSE enjoys a solid working relationship with all of the proposed subconsultants and has a proven track record of successful projects.

**Nobles Consulting Group, Inc.**

Nobles Consulting Group, Inc. (NCG) is a leading consulting firm of professionals who provide land surveying and mapping throughout the southeastern United States. Since its founding in 1980, NCG has specialized in creating design solutions using some of the most significant advances in technology including Terrestrial Laser Scanning, Robotic Total Stations and GPS. NCG will be responsible for all surveying tasks on the contract.

**Environmental & Geotechnical Specialists, Inc.**

Environmental & Geotechnical Specialists, Inc. (EGS) is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations



for a wide range of projects. EGS' professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services. EGS will be providing all geotechnical engineering related services for this contract.

**Miller's Tree Service**

Miller's Tree Service is a locally owned and operated full service tree care business servicing greater Tallahassee and the surrounding areas. Their number-one objective is to ensure that each and every customer is satisfied with the level of service provided. Miller's Tree Service strives to meet their customer's needs and expectations by offering services that are reliable, professional and committed to excellence. Over the years, they have developed and maintained strong ties to the community as well as their customers because of their efforts; they stand behind their work. Miller's Tree Service puts the needs of the customers first and foremost.

All information on subconsultants, including commitment letters and SF 330 forms, can be found in **Appendix B.**

**C. PAST PROJECT EXPERIENCE**

RSE has been providing quality roadway engineering services since 2002. Information regarding ten of the latest roadway projects can be found on the Project Information Sheets in **Appendix C.**

**D. CURRENT PROJECTS**

RSE is currently under contract on a couple of roadway project for RS&H and the Florida Department of Transportation (FDOT). However, the schedule and scope of work for current contracts allows flexibility to accommodate any projects that may arise from this contract.

**Bannerman Road PD&E Study  
Tallahassee, Florida**

**Client:** Reynolds, Smith & Hills

**Description:** RSE is tasked with one of the three segments of this PD&E study – Bannerman Road from North Meridian to Bull Headley Road. The project entails the development of three alternative alignments that best fit the determined need for this segment. The

plans include roadway design alternatives, 30% plans, access management, multi-modal accommodations and maintenance of traffic analysis.

**Anticipated Completion Date:** December 2011

**Flowing Well Road over Limestone Branch  
Leon County, Florida**

**Client:** Florida Department of Transportation

**Description:** RSE was contracted by FDOT to provide the roadway and bridge design for this project. The roadway was required to be realigned, as the existing road and bridge had to remain open during construction. Design included two 10-foot travel lanes, shoulders of varying width, drainage and guardrail.

**Anticipated Completion Date:** November 2011

**E. QUALITY CONTROL/QUALITY ASSURANCE**

The RSE approach to Quality Control is to provide complete and accurate project deliverables that are in full compliance with published FDOT and industry standards, the project's requirements and the client's expectations.

RSE understands the County's commitment to quality. RSE's Quality Control Process is implemented to ensure the safety of the public, prevent cost overruns and eliminate delays in the construction process by minimizing errors in the contract documents.

RSE's Quality Process for Leon County projects provide a series of checks and balances, which will enable us to adhere to the policies, standards and accepted practices of Leon County. It also provides an effective tool for enhancing communication among Design Team members.

The RSE Quality Control Process for Leon County projects is essentially a three-level review process in which the plan documents are compared with the various standards to ensure that all requirements have been addressed. Prior to performing the three level reviews, the design engineer and the CADD technician would have already made all their reviews and changes. About three weeks prior to each submittal, the Chief Engineer performs a Level One review using our own in-house quality checklist. A Level Two peer review is then conducted by an in-house designer. A Level Three review is an independent review conducted by an experienced engineer not working on the project, typically Larry Tew or Andre Vaillancourt, P.E. The



Level Three review is not necessary on all projects, depending on project size and complexity.

At the completion of each phase, all design plans will undergo a Level One, Two and Three review. Reviewed copies will be stamped "Check Print". The Project Engineer and subsequently the Level Two and Three reviewers will complete a thorough assessment of the plans' documents utilizing our in-house checklist and their design experience and expertise. All review comments and recommended corrections will be marked in red on the check prints. As each comment and correction is addressed by the Design Team and incorporated into the plans, they will be "highlighted" to assure that all items have been responded to.

The above outlined approach to be used by the RSE Team has proven successful on previous projects. We are confident it will assist us in providing the County with the best possible construction plans and documents for the assignments under this contract.

## **F. RESOURCES**

RSE is confident that it can meet and exceed the County's requirements for AutoCAD qualifications, pertaining in particular to the preparation of engineering construction documents. The firm's professional designers have extensive, hands-on knowledge of the tools required to create construction documents. Additionally, RSE currently follows County and FDOT CAD standards, when prescribed.

Like Leon County, RSE supports any and all initiatives that will reduce our carbon footprint and protect the environment. This is evident in our day-to-day practices—for instance, recycle bins accompany all of the printers. RSE uses only recycled content paper to print reports and will print two-sided when feasible.

RSE is an electronically integrated organization, bringing to projects the benefits of electronic/online communications and file access/storage that reduce paper consumption and can eliminate excess travel.

## **G. SCHEDULE/BUDGET REQUIREMENTS**

### **1. Design Schedule and Budget**

Cost and scheduling control are two of the most important factors in any public sector project. Achieving quality deliverables for the County, on schedule and within budget, requires a combination of several strengths:

- Experience in planning, design, and supporting engineering disciplines
- A talented, cohesive team with all team members equally committed to the success of the project
- The ability to maintain clear, open, and ongoing communications among all team members and with the client

Offering each of these strengths, members of the proposed team are committed to delivering any project under this contract on schedule and within budget.

We recognize how important it is to develop and meet a strong schedule and budget. In developing schedules and budgets that are practical and can be maintained to the benefit of the County, we consider several key factors so that we deliver the most value to the County:

- Produce a clear understanding of the County's expectations and permitting requirements to provide a concise scope of work and design budget. This limits future additional services requests and design budget increases
- Hold bi-weekly production team meetings to prioritize our workloads to meet the County's needs
- Build in appropriate "float" at key tasks for added discussion or, as necessary, restudy to allow us to resolve all issues without falling behind schedule
- Maintain and update a Critical Path Project Schedule to present at regular progress meetings with County staff to keep you informed on important budgeting and scheduling milestones

Our approach for the timely completion of this project revolves around our ability to do the right things at the right time. By performing intensive research and analysis at project commencement, we give our team maximum opportunity to anticipate any "bumps in the road" that we may experience. Doing our homework up front allows us to work around any obstacles that may impede our



efforts. It also allows the County to anticipate submission milestones and review activities. In turn, this enables us to complete this project within the allotted design budget.

## **2. Construction Schedule and Budget**

The first item necessary to ensure that project construction costs are within budget is to establish a realistic cost estimate for the project early in the design phase. As the design evolves, the construction cost estimate is updated to reflect the project scale and scope.

As a mechanism for controlling construction costs, RSE holds “value engineering” meetings with our clients to identify design alternatives to help the project maintain construction budget and schedule. Meetings are held at key design phase milestones to allow alternatives to be evaluated and incorporated. Construction cost estimates for various design schemes are calculated and the most cost effective solution that meets the design requirements is recommended to the client for the project.

## **3. Long Term Maintenance Cost**

An often overlooked area that can add cost to a project is the long term maintenance cost associated with any public works project. RSE reviews these issues during the design process to ensure that the short term construction and long term maintenance costs are considered during the design phase of the project.

In the past, RSE staff has met with Leon County Operations Personnel onsite to establish the problems associated with the project locations. RSE has then used the information from maintenance staff to ensure that the project is designed with the long term maintenance cost minimized.

## **H. WORKLOAD**

RSE’s approach to satisfying overload scenarios is multifaceted. It starts with a focused, experienced, and available project team backed by strong subconsultants. Should a situation arise in which additional personnel are required, RSE and its subconsultants are committed to responding accordingly with additional personnel and resources. Again, the proposed project team will devote its time to this project on a first-priority basis.

All projects, large or small, are given the same consideration at RSE with respect to accuracy of design

and plans preparation, constructability, efficiency, aesthetics and quality.

## **I. PROJECT TEAM LOCATION**

The headquarters of RSE and all our proposed subconsultants for this contract are located in Leon County, Florida. These locally owned businesses create more jobs locally and recycle a large share of their revenue back into the local economy, enriching the whole community. The RSE office is located three miles away from the Leon County Public Works Department, allowing us to provide personalized service in a matter of minutes.

## **J. APPROACH TO PROJECT**

Every successful project begins with a meeting with the County staff to gain an understanding of project. RSE staff then meets with state and local permitting agencies, as well as other project stakeholders, to gain an understanding of project complexities and issues. A review is conducted of existing studies or plans, existing soils, floodplain and wetland information. A field review is then held at the project location with the required subconsultants.

Once all existing information has been reviewed, conversations with the County Project Manager are held to establish project deliverables. RSE staff prepares and submits a draft written proposal with associated staff hour estimate to negotiate with the County Project Manager. Revisions are made to the proposal, as required, until a Notice to Proceed (NTP) is issued from the Project Manager.

Once NTP is received from the County Project Manager, subconsultants are informed and mobilized to begin associated tasks. Typically, wetland delineations are started first, followed closely by design and boundary survey tasks and geotechnical, if required. Preliminary design and plans production is started. Progress meetings are held with County staff during design. They are arranged to ensure project deliverables meet scope requirements. Submittals are typically phased, or as negotiated in initial proposal. Pre-application meetings with permitting agencies are handled prior to 60% or Phase II submittal. Permit drawings are submitted to permitting agencies after 90% or Phase III. Final plans are checked to ensure that construction documents reflect



permit conditions. Cost estimates are submitted during 60%, 90% and final plans.

RSE provides full construction assistance to the County, when requested. Services may include bid preparation assistance, responding to requests for information from contractors, value engineering, construction inspections, shop drawing review and approval, and final punch lists for contract close-out.



**APPENDIX A**

**RESUMES**



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Jacques Registe, P.E.*** *Senior Structural Engineer, President*

Mr. Registe is a civil engineer for Registe, Sliger Engineering, Inc. with more than 26 years of experience in both the general civil and structural engineering fields including roadway and bridge design, drainage design and permitting. Mr. Registe's engineering experience includes the preparation of design and permit documentation for many projects throughout the State of Florida. His professional experience has been acquired through multiple project responsibilities involving comprehensive analysis, engineering and design tasks for both roadway and bridge projects. His years of experience have been almost exclusively in the State of Florida where Mr. Registe enjoys an exemplary reputation for quality and on-time work.

Mr. Registe is responsible for the design, plans production and preparation of construction documents for all highway and bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project. He is certified in Advanced Maintenance of Traffic for FDOT projects.

**Education:** M.S. Civil Engineering, 1989  
FAMU/FSU, Tallahassee, Florida  
B.S., Civil Engineering, 1985  
FAMU/FSU, Tallahassee, Florida  
License, Civil Engineering, 1983  
Université Roi Henry Christophe, Cap Haitien, Haiti

**Registrations:** Florida PE #43397  
Georgia PE #27712

**Years Experience with Current Firm:** 9

**Years Experience Total:** 26

#### **Detailed Project Experience:**

**District-Wide Engineering Design Projects, District III, FDOT, Florida** – Project Manager for these projects which included intersection design, traffic operations design, signal design, drainage design, permitting and highway design. The contract totaled \$500,000 and consisted of an assignment of work orders by the client. Responsibilities included the preparation of detailed scope of services and associated fees, interfacing with management, technical staff and permitting agencies as well as detailed design.

**SR 45 (US 41) Design - Bell Lake Road to Suydam Road, Land O' Lakes, Florida** – Project Manager/Project Engineer responsible for providing the final design and plans preparation of this 4.9 kilometer improvement project. The project completed in metric units consisted of reconstruction and replacement of US 41 from Bell Lake Road to CR 583 from 2-lanes rural to 6-lane divided urban arterial highway (3 km) and reconstruction and replacement of US 41 from CR 583 to Suydam Road from 2-lanes rural to a 4-lane divided rural arterial with provision for future widening to 6-lanes. Project cost: \$2.1 Million.

**Florida's Turnpike Widening (Boca Raton Interchange to Atlantic Blvd), Florida** – Project Highway and Bridge Engineer for this project which involved the design of 5.3 miles of Turnpike widening from 4 to 6 lanes including redesign of the Boca Raton Interchange, a 35 year old interchange, to current design

standards. A new bridge was designed at the interchange to span the widened Turnpike. The project also called for a new bridge design at Clint Moore Road, which required a special designed temporary bridge and widening of two additional structures to carry the extended Turnpike roadway. Project cost: \$6.5 Million.

**Bridge Replacement Projects, Group 09-3, FDOT, Florida** – Project Manager for both the new bridge replacement tasks required for the projects in Group 09-3. Work includes the preparation of Typical Section Packages, Drainage and Bridge Hydraulics Reports, roadway and bridge design and plans preparation, utility relocation plans and the development MOT. Project cost: \$952,000.

**CR 269 over the CSX Railroad, Chattahoochee, FDOT, Florida** – Project Engineer for both the 3,000 feet of new roadway on a new alignment and a bridge over the CSX Railroad in Chattahoochee, Florida. Responsible for roadway geometry design and plans preparation, design of an enclosed drainage system, retention pond designs, utility relocation plans and maintenance of traffic plans preparation. Additional tasks include assisting the FDOT with permit application requirements and review of the bridge plans over the CSX Railroad. \$2.1 Million.

**SR 60 Bridge Replacements, Osceola County, Florida** – Served as Project Engineer for the roadway and bridge engineering tasks on the project. Work included roadway reconstruction of 500m to both ends of the two new bridges being designed under this contract. Mr. Registe was responsible for all design and plans preparation for the project. \$950,000.

**H-3 Kaneohe Interchange, Oahu, Hawaii** – Bridge Designer responsible for analysis of the designs of the Ramp B structure and all main line pier segments. The main line consists of twin, parallel post-tensioned concrete box structures approximately 1,700 feet long, built in balanced cantilever. Ramp B is 600 feet long post-tensioned concrete box structure and was built span by span. \$300 Million.

**SR 4 Bridge Replacement over Escambia River, FDOT, Florida** – Provided preliminary and final design calculations and was responsible for the development of construction plans for this bridge replacement project. Produced and/or checked the designs and details of all the structural elements and prepared the computer program input and analyzed the output for geometry, grades, foundations and girder programs. Also generated the final detailed contract plans and material estimates. \$4.25 Million.

#### **Professional Affiliations**

American Society of Civil Engineers  
American Society of Highway Engineers





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***John F. Sliger, II, P.E.***

*Vice President, Project Manager*

Mr. Sliger is a structural/civil engineer with a wide variety of experiences in project management as well as structural, highway, water resources and utility engineering since entering the consulting business in 1994. He is an experienced structural and bridge designer, as well as structural inspector. In the past six years, Mr. Sliger has inspected over 60 structures throughout Florida. He is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, RISA 3D finite element software, RAM advanced finite element software and SAP 2000. Mr. Sliger is a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

**Education:** B.S. Civil Engineering  
FAMU/FSU, Tallahassee, Florida, 1995  
Graduate Studies, Florida State University  
Associates of Science in Building Construction Technology, Lake Superior State University

**Registration:** Florida PE #55550

**Years Experience with Current Firm:** 7

**Years Experience Total:** 16

#### **Detailed Project Experience:**

**SR Sea Shell Seawall, Franklin County, Florida** – Designer responsible for the design calculations, plans production and quantity estimate for a 700 foot long concrete seawall. Project cost: \$500,000.

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two cell concrete box structure. Design work included preparation of the Bridge Development Report and structural calculation utilizing the AASHTO LRFD code. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two-span, flat slab structure. Design work included a preparation of the Bridge Development Report and structural design calculations and plans utilizing the AASHTO LRFD code. Project cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Engineer of record for the design and plans preparation for 100 ft and 60 ft long wooden bridges. Work included preparation of design calculations and construction documents. Project cost: \$200,000.

**Florida Keys Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Engineer responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Design

included the use of carbon and glass fiber near surface reinforcement spall repairs. Project cost: \$2.5 - \$3.5 Million.

**Ft. Clinch State Park, Fishing Pier Inspection, Fernandina Beach, Florida** – Engineer responsible for the inspection and rehabilitation design for 3,900 feet long pre-stressed fishing pier. Inspection tasks included underwater, substructure and superstructure of a 2,200 feet long fishing pier. Design plans included pre-stressed slab replacement and rehabilitation, railing enhancements and pile jacks design. Project cost: \$1.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Design Engineer responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the design and construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project cost: \$1.3 Million.

**Smith Creek Bridge Inspection and Rehabilitation, CR375, Leon County, Florida** – Design Engineer responsible for the inspection, load rating and rehabilitation plans for a 125 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Additional items included the design of new pile and pile jacks. Project cost: \$70,000.

**Sand Hill Lakes Mitigation Bank Bridge and Bridge Culverts Design, Washington County, Florida** – Engineer of Record for three steel bridges, two concrete box culverts, associated approach work and bridge hydraulics report utilizing ICPR3. Additional items included bid assistance, construction assistants and inspection to include shop drawing review, site visits and approval of contractors pay request. Project cost: \$500,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail (FM414587-1), Monroe County, Florida** – Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project cost: \$300,000.

**US 41 (SR 45) Bridge over Spring Creek, Collier County, Florida** – Engineer responsible for the review of the bridge hydraulics report, load rating, design calculations and the bridge development report for this bridge replacement project. Prepared the computer input and analyzed the output for the preliminary design and details for the slab and girder structural elements. Project cost: \$1.2 Million.

**John Sims Parkway (SR 85) Bridge and Roadway Improvements, Niceville, Florida** – Engineer responsible for the design and preparation of plans and estimate for the widening to six through-lanes of approximately one mile of a major urban arterial. Design work included a new six-lane, 300 foot span bridge, providing for new turning lanes for two major interchanges, development of vertical and horizontal alignments and superelevation in accordance with current AASHTO standards. Maintenance of Traffic Plans were developed that utilized staged construction in an effort to minimize the impact of construction on extremely large daily traffic volumes. Project cost: \$5 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, American Society of Highway Engineers





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Danielle Marrero, P.E.***

*Project Engineer*

Ms. Marrero is a Project Engineer with a wide variety of experiences in roadway design, water resources and utility engineering. Ms. Marrero offers significant permitting and stormwater design experience in North Florida. She has participated in the infrastructure design for several major residential developments throughout Walton, Wakulla, Jefferson, Jackson and Leon counties, with responsibilities ranging from feasibility analysis to final construction observation services. Ms. Marrero has worked for a variety of clients in both the public and private sectors. She offers extensive experience in permitting projects with the City of Tallahassee, Leon County, Walton County, various Water Management Districts, Florida Department of Environmental Protection (FDEP) and Florida Department of Transportation (FDOT). In addition to being a Registered Professional Engineer in Florida and Mississippi, Ms. Marrero is also a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

Ms. Marrero is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, HEC-RAS, WSPRO, HY-8, ICPR 3 and Ponds drainage design software.

**Education:** B.S. Civil Engineering, Magna Cum Laude  
FAMU/FSU, Tallahassee, Florida, 2003  
Graduate Studies, Florida State University

**Registrations:** Florida PE #66450  
Mississippi PE #19290

**Years Experience With Current Firm:** 2

**Years Experience Total:** 9

#### **Detailed Project Experience:**

**Smith Creek Road Bridge over Black Creek, Leon County, Florida** – Engineer responsible for the HEC-RAS modeling for the bridge hydraulics report for a 125 foot bridge replacement. \$70,000.

**Florida Caverns State Park, Fish Hatchery Road Bridge over the Chipola River, Jackson County, Florida** – Engineer responsible for Bridge Hydraulics Report for bridge replacement project. Tasks included hydraulic modeling utilizing HEC-RAS and HY-8. Project cost: \$10,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida** – assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

**The Preserve at Lindsey Island, Taylor County, Florida** – project manager for this 92-acre, 20-lot subdivision located along the Gulf of Mexico. Coordinated with multiple subconsultants to design a plan that balanced the concerns and requirements of neighboring communities and regulatory agencies.

The design strove to minimize development impacts to pristine wetlands with the confines imposed on the project by regulatory agencies. Project cost: \$400,000.

**Big & Little Talbot Islands and Fort George Island State Parks, Duval County, Florida** - provided feasibility analyses and preliminary designs with cost estimates for five hydrologic restoration projects at three state parks. Responsibilities included evaluating available data resources, data collection programs, developing and calibrating hydrologic and hydraulic models, evaluating the performance of existing and proposed stormwater systems and design of remedial measures, in conjunction with ecological field requirements to restore natural hydrology to ditched and drained ecosystems. Project cost: \$75,000.

**Florida Keys Overseas Heritage Trail (FKOHT), Monroe County, Florida** - project engineer assisting in the design, permitting and construction phase services for several portions of this historic trailway system. The client for this project is the FDEP's Office of Greenways and Trails. Funding partners include the Florida Department of Transportation and Monroe County. The projects are part of the 106-mile long FKOHT project that will ultimately connect Key West to Key Largo. The FKOHT was designated as one of three statewide priorities for FDEP under the direction of Governor Jeb Bush. Assisted with the following segments: Project cost: \$2.5 - \$3.5 Million.

- **Lower Sugar Loaf to Summerland Key (US-1 MM 16.5 to 25.5):** drainage design for approximately eight miles of shared use path along US-1 (SR 5) and portions of the old abandoned SR 4A highway.
- **Layton to Channel 5 Bridge (US-1 MM 68.4 to 70.8):** drainage design for approximately two miles of shared use path along US-1 (SR 5).

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society

#### **Awards and Recognition**

*Young Professional of the Year*, American Council of Engineering Companies, 2007  
*Semi-Finalist*, New Faces in Engineering, National Engineers Week Foundation, 2007  
*Young Engineer of the Year*, American Society of Civil Engineers Tallahassee Branch, 2006  
*Finalist*, American Concrete Institute Graduate Studies Fellowship, 2003





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PHONE: (850) 894-4521 - FAX: (850) 224-0505

### **Mary Persson, P.E.** *Project Engineer*

Ms. Persson is a Project Engineer who lends her expertise to projects encompassing residential, commercial, recreational, and transportation features. She has provided designs for stormwater management systems; both new roadway widening projects; as well as masonry and timber structures. Ms. Persson has participated in the permitting processes for numerous projects and is knowledgeable of the governing structures and requirements that are associated with such projects.

Ms. Persson is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD, MathCAD, RISA, SWMM5 and ASAD software.

**Education:** B.S. Civil Engineering, Cum Laude  
FAMU/FSU, Tallahassee, FL, 2002  
Graduate Studies, Florida State University

**Registration:** Florida PE #67436

**Years Experience With Current Firm:** 1  
**Years Experience Total:** 10

#### **Detailed Project Experience:**

**Florida Keys Overseas Heritage Trail, Monroe County, Florida-** Engineer responsible for the trail design and plans production for approximately 10 miles of shared use path for pedestrians and bicyclists along US-1 in the Florida Keys. Project cost: \$2.5 – 3.5 Million.

**John Pennekamp State Park, Monroe County, Florida-** Engineer responsible for the design of ADA improvements for the visitor center, dive shop, and trail in the Florida Keys. Project cost: \$100,000.

**Apalachee Parkway Sidewalk, Leon County, Florida-** Performed stormwater design, sidewalk layout, plans production, and permitting for the addition of 2,100 linear feet of sidewalk for the City of Tallahassee. Project cost: \$200,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida –** assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

134 North Flagler Ave. Pompano Beach, FL 33060

PHONE: (954) 678-9916 - FAX: (850) 224-0505

### ***Andre C. Vaillancourt, P.E.***

Mr. Vaillancourt is a civil engineer with more than 40 years of experience in maintenance, construction and structural engineering. Mr. Vaillancourt's engineering experience includes the preparation of design documentation as well as supervision of construction and maintenance activities for the Florida, as well as Vermont, Departments of Transportation. Mr. Vaillancourt has had extensive experience in the inspection, rehabilitation and design of widening and new bridge structures.

Mr. Vaillancourt is responsible for the quality control on all bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project.

**Education:** B.S. Civil Engineering  
New England College  
Graduate Studies at Florida State University

**Registration:** Florida PE #15997

#### **Experience:**

Over the past two years Mr. Vaillancourt has been providing bridge design and construction engineering services for our clients. The following projects represent the most recent relevant construction and inspection experience performed by Mr. Vaillancourt:

**Channel Two Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Bow Channel Historic Bridge Inspection and Rehabilitation, Florida Keys, Monroe County** - Design Engineer responsible for the inspection and rehabilitation plans for a 1,302 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Rehabilitation plans included the use of near surface tension reinforcement with carbon fiber. Project Cost: \$3.5 Million.

**State of Florida, Department of Transportation:** Operations Division, Assistant Residence Maintenance Engineer, Palm Beach County. Responsible for unit's engineering services section consisting of maintenance contract administration, maintenance management systems, claims investigation, roadway characteristics inventory, safety, permits, automotive repair shop, and served as the Resident Maintenance Engineer in his absence.

**State of Florida, Department of Transportation:** Supervisor of unit consisting of five engineering and eight technical positions. Directly responsible for the Bridge Inspection Program in the seven counties of the 4th District including reviewing and signing as confirming Professional Engineer on all Bridge Inspection Reports which identify deficiencies and make recommendations for repairs and establish load ratings for the 850± structures on the State System.



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

***Carlos Campos, E.I.***

*Project Designer*

Mr. Campos is a Project Designer with experience in roadway, drainage and structural design, plans production using Microstation/Geopak and construction administration.

**Education:** A.S. Civil Engineering Technology, 2004  
Tallahassee Community College, Florida  
B.S. Civil Engineering, 2008  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Registration:** Florida EI #1100013567

**Years Experience with Current Firm: 6**

**Years Experience Total: 6**

### **Detailed Project Experience:**

**Timberlane and Timberlane School Road Intersection Improvements, Leon County, Florida** – Assisted in the construction oversight on an intersection improvement project including sidewalks, storm drains, stormwater pond and the installation of approximately 200 linear feet of anchored sheet pile retaining wall. Specific tasks included oversight mill and resurfacing operations, inspection of paving operations and coordination with utility companies. Project cost: \$700,000

**Lake Henrietta Pedestrian Bridge and Trail, Leon County, Florida**– Assisted in the construction inspection of 200 feet of elevated wooden boardwalk, paved bike trail and 100 foot long steel girder bridge. Specific tasks included oversight of drilled shaft pile installation operations, steel girder installation, boardwalk construction and inspection of cast in place bridge caps and deck. Project cost: \$300,000

**Florida River Island Bridge, Liberty County, Florida**– Assisted in the construction inspection of a 180 foot long, simple span Type II Girder bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, AASHTO girder installation, inspection of cast in place bridge caps, barrier wall and deck, and inspection of approach work. Project cost: \$1.3 Million

**Bald Point State Park, Franklin County, Florida**– Assisted in the construction inspection of a single span 100 foot long steel truss bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, sheet pile wall installation, bridge construction and inspection of cast in place bridge caps, barrier wall and deck. Project cost: \$700,000.

**Smith Creek Road Bridge over Black Creek, Leon County, Florida**– Assisted in the construction inspection of the rehabilitation of a 105 foot long flat slab bridge. Specific tasks included oversight of helical pile installation, pile jackets and bridge deck rehabilitation. Project cost: \$70,000

**Aenon Church Road Sidewalk Project, Leon County, Florida**– Assisted in the construction oversight of ½ mile of sidewalk construction in an urban environment. Tasks included construction inspection of

gravity wall installation, sidewalk construction, rail installation and driveway installation. Project cost: \$300,000

**Meginnis Arm Spillway Project, Leon County, Florida**– Assisted in the construction oversight of a 180 foot long concrete spillway. Specific duties included mix design review, review of soil testing data, review of density test data, inspection of reinforcement placement, inspection of joint seals placement. Project cost: \$60,000

**Pimlico Road Project, Leon County Florida**– Assisted in the construction inspection of an intersection improvement. Specific duties included inspection of box culvert installation, sidewalk installation, guardrail installation and inspection of the roadway construction operations. Project cost: \$60,000.

**Fairbanks Ferry Road Bus Turnaround Project, Leon County, Florida**– Assisted in the construction oversight of a paved bus turnaround. Tasks included construction inspection of concrete sheet pile installation, inspection of the stormwater management facility and inspection of roadway paving operations. Project cost: \$100,000.





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Samantha Kaparos***

*Staff Engineer*

Ms. Kaparos is a Staff Engineer with Registe, Sliger Engineering, Inc. with experience in structural and drainage design.

**Education:** B.S. Civil Engineering, 2010  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience With Firm:** 1

**Years Experience Total:** 1

#### **Detailed Project Experience:**

**Atlantic Ridge Preserve State Park** – Engineer intern responsible for the design and plans preparation for the day use facility. Work included preparation of design calculations and plans. Project cost: \$80,000

**Lauder Pond Embankment Seepage Investigation, Leon County, Florida** – Assisted with design, plan preparation and cost estimation of three alternatives to remediate water seepage through and under the embankment along the east side of the stormwater management facility at Lauder Pond. Design cost: \$9,000

**Lafayette Park Retaining Wall, Leon County, Florida** – Assisted with the design and preparation of plans for a reinforced concrete retaining wall at Lafayette Park. Design cost: \$5,000

**Bush Road Over Wrights Creek, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.5 Million.

**Flowing Well over Limestone Branch, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.2 Million.

**US 231 Bridge over Bear Creek, Bay County, Florida** – Assisted with load rating of the 275 foot steel girder bridge. Design cost: \$12,000.

#### **Professional Affiliations:**

Member, American Society of Civil Engineers  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Larry Tew*** *Senior Designer*

Mr. Tew has over 39 years of experience in the field of highway design, including signing and markings, and signal design for isolated intersections. He has experience on both rural and urban design projects as well as in project management. He also has experience in engineering/land planning including preparation of cure plans for impacted parcels, layout of parking and internal circulation plans, cure plan cost estimates, and quality control of cure plans to insure compliance to local comprehensive land planning requirements. His experience with District 3 of the Florida Department of Transportation and with private consulting firms is summarized as follows:

**Education:** Chipley High School, Chipley Florida, June, 1965

#### **Detailed Project Experience:**

Design Engineer in charge of the following projects with closed drainage systems, pedestrian and bike features, stormwater management facilities, signalized intersections, sensitive environmental issues, complex construction sequence phasing and traffic control designs, and extensive utility conflicts:

- **SR 30 (U.S. 98)**, San Destin FL: From end of four lane to 0.6 mile west of Mack Bayou Road. \$1Million.
- **SR 173 (Blue Angel Parkway)**, Pensacola, FL: From U.S. 98 to Saufley Road. \$1.1 Million.
- **Twenty Third Street**, Panama City, FL: A 1.6 mile major urban multi-lane project from U.S. 98 to Beck Avenue. \$1.5 Million.

**Thomasville Road Flyover Project**, Tallahassee, FL: A major project that was done under extreme time restraints. Served as Project Manager. \$6 Million.

**SR8 (I-10) Interstate Rehabilitation Projects:** Served as Design Engineer in charge of most of these projects that were done by FDOT District Three personnel from 1985 to 1995. Listed below are a few of these projects.

- From Santa Rosa County Line to 0.6 mile west of Yellow River. \$750,000.
- From 0.3 mile east of CR 183 to Holmes County Line. \$1.1 Million.
- From 0.6 mile west of CR65 to 0.5 mile west of SR 267. \$1.3 Million.
- From Walton County Line to Choctawhatchee River. \$1.5 Million.
- From 4.2 miles east of SR 71 to 1.5 miles east of CR 69A. \$1.4 Million.
- From Washington County Line to 1 mile west of SR 276. \$1.4 Million
- Perdido River Bridge. \$8 Million.
- From 0.6 mile east of SR 57 to Madison County Line. \$1.7 Million.

**Projects designed to comply with FDOT RRR criteria, some of which were intersection improvement with lane additions and signalization.**

- **SR 10**, Walton County: A 14.7 mile resurfacing and safety improvement project. \$4.5 Million.
- **SR 63**, Leon County: a 1.7 mile multi-lane urban resurfacing with pedestrian facility upgrade and signal loop replacements. \$600,000.
- **SR 12**, Gadsden County: R/R Crossing improvement. \$500,000.
- **Holmes County**, Countywide Guardrail installation project for approximately 80 locations. \$300,000.
- **SR 95**, Escambia County: Intersection improvement at CR 184/Beck's Lake Road. Included lane additions and signal with preemption features. \$800,000.
- **SR 75**, Cottondale FL: R / R Crossing improvement and signal with preemption features. \$750,000.
- **SR 85**, Ft. Walton, FL: Drainage improvements. \$500,000.



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Brett Williams***

*Senior Engineering Technician*

Mr. Williams is an Engineering Technician for Registe, Sliger Engineering, Inc. with a wide variety of CADD experience, covering a wide range of bridge and highway projects. Mr. Williams is proficient in the use of Computer Aided Design software packages such as: Microstation/Geopak and AutoCAD computer systems.

**Years Experience with Current Firm: 3.5**

**Years Experience Total: 6**

#### **Detailed Project Experience:**

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two cell concrete box structure. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two-span, flat slab structure. Project Cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Technician responsible for the plans preparation for a 100 ft wooden bridge and a 60 ft long wooden bridge. Work included preparation of construction documents. Project cost: \$200,000.

**Florida Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Technician responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Project Cost: \$2.5 - \$3.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Technician responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project Cost: \$1.3 Million.

**Timberlane and Timberlane School Rd. Intersection Improvements, Leon County, Florida** – Technician responsible for the preliminary plans production for an intersection improvement project. Project Cost \$700,000.

**Ft Cooper State Park, Bike Trail, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance for one mile of multi use trail. Project cost: \$60,000

**Ft Cooper State Park, Invasive Species Site, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance of a 1.5 acre commercial site. Project cost: \$450,000



**APPENDIX B**

**SUBCONSULTANTS**



**NOBLES CONSULTING  
GROUP, INC.**



2844 PABLO AVENUE  
TALLAHASSEE, FL 32308  
P:850.385.1179  
F:850.385.1404

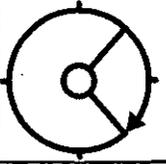
March 2, 2011  
Ms. Danielle E. Marrero, P.E.  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough Street  
Tallahassee, Florida 32303

RE: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Ms. Marrero,  
Nobles Consulting Group, Inc. agrees to provide Professional Surveying and Mapping support services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. Should there be any questions regarding this agreement or additional information required please contact me at (850) 385-1179.

Nobles Consulting Group, Inc.

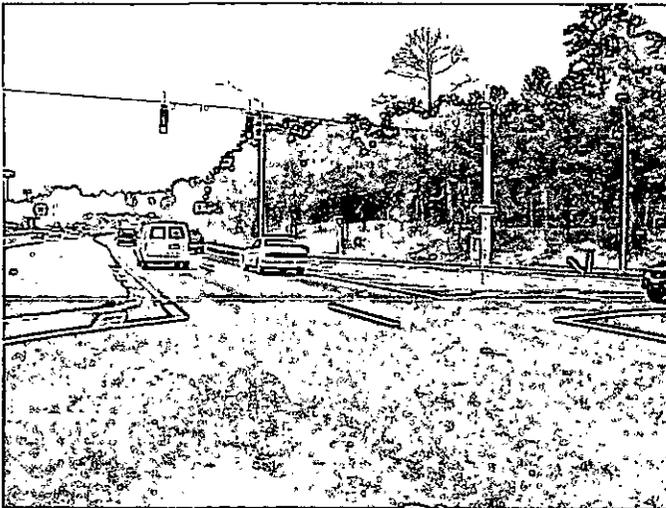
James E. Melcher, P.S.M.  
Project Manager



**NCG**  
NOBLES CONSULTING GROUP, INC.

## Roadway Surveying Services

- ◆ **Preliminary Design and Engineering/Corridor** Correlate and combine ground-based survey control and data with remote sensing information, collected by methods such as LiDAR and Photogrammetry .
- ◆ **Roadway rehabilitation and enhancements** NCG can interweave conventionally surveyed data and 3D laser scanning data through the use of our terrestrial scanning, software, and mobile scanning.
- ◆ **Bridge Replacement and Modifications** NCG can provide existing conditions data for the replacement or reinforcement of existing structures, from simple cross drain and box culvert ensembles to multi-segment bridge structures.
- ◆ **Multilane Reconstructions** NCG can provide both Right of Way Control Surveys and Right of Way Maps for acquisition purposes and design survey services.
- ◆ **Intersection Improvements** NCG works with designers to gather information pertinent to particular projects, such as adding turn lanes, realigning side roads, or the placement of signal poles.



- ◆ **Platting of dedicated rights of way within subdivisions**
- ◆ **Roadway Construction Layout and Site Grading** NCG can provide layout of new corridors providing project control, alignment staking and referencing, curb and gutter/pavement/sidewalk layout, drainage structure staking and site grading using both conventional and machine grade technology.
- ◆ **Construction Engineering Inspection Surveys (CEI)** NCG can provide survey services needed for CEI projects, from checking and reestablishing project control to pre and post construction surveys, including as-builts and finished grade conditions, for use in calculations and project certifications.
- ◆ **Driveway Permitting** NCG can provide survey services for new and rerouted driveway tie-ins.
- ◆ **Eminent Domain / Maintained Right of Way** NCG has worked with State and County officials to determine maintenance limits on existing projects and to delineate required right of way areas on proposed and enhanced projects where right of way is needed.

Visit our website at [www.ncginc.com](http://www.ncginc.com) for additional corporate and services information.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Paul Williamson, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 21

15. FIRM NAME AND LOCATION (City and State) <b>Nobles Consulting Group - Tallahassee, Florida</b>	
--	---

16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Finance/Florida State University	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida #3208, Professional Surveyor and Mapper
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18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*) Mr. Williamson is a registered land surveyor and presently is the Project Manager in charge of the survey field crews. He has over 38 years' experience in surveying and was previously the owner of his own land surveying firm. Paul also utilizes his background in finance to perform economic studies as needed.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>Canopy at Welaunee Tallahassee, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - 980 Acre topographic and tree survey, cross section roadways, cross section Fleishman Road. \$138,000.		
b.	<b>Stone Buildings - FSU Campus Tallahassee, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Topographic tree and utility survey. Locate existing improvements, used scanner for data collecting. \$58,000.		
c.	<b>Gadsden County High School Gadsden County, Florida</b>	2005	2004
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary and topographic survey of 100 acres, Construction stakeout construction of new high school, As built survey of new facility. \$50,320.		
d.	<b>Heritage Oaks Apartments Ocala Road, Tallahassee, Florida</b>	2005	2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic, tree and utility survey of 38 acre site, Stakeout for all buildings, roads, walks and utilities, As built survey of utilities and all improvements. \$23,000.		
e.	<b>Chiles High School Tallahassee, Florida</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic and utility survey construction stakeout for buildings, utilities and Storm water management facility, As built survey of complete facility. \$30,000		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>M. Kevin Mears, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State) <b>Nobles Consulting Group - Tallahassee, Florida</b>	
--	---

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida #5459, Professional Surveyor and Mapper
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Mr. Mears serves as a field coordinator responsible for creating and implementing the best practices standards for field staff. He has had formal training in GPS systems, government retracement surveys, wetland mapping and office processing systems. Mr. Mears has provided field and office services for miscellaneous FDOT surveying projects and field control for QA/QC of LiDAR mapping.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>Tallahassee-St. Marks Historic Railroad City of St. Marks to City of Tallahassee, Florida</b>	2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager and surveyor for Topographic Survey of 16 mile bicycle and equestrian trail in Leon and Wakulla Counties. Survey done for Office of Greenway and Trails, design of trail improvements and trailheads. Horizontal control pairs were established at 3 mile intervals from a static GPS control network. Permanent benchmarks were established at 1000-foot intervals by digital leveling.		
b.	<b>River Bend Havana, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager and surveyor for Boundary Survey of 2000 acres in Gadsden County. A dependent resurvey of portions eight (8) sections using Public Land Survey field notes and plats. Researched legal descriptions, analyzed boundary evidence. Determined Ordinary High Water elevation by field transects and LiDAR data. LiDAR data was also used to plot positions of section corners from Government Land Office Field Notes. Fee \$65,000.		
c.	<b>Comfort Creek Property Lake Talquin, Florida</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager and surveyor for Boundary and Topographic Survey of Dependent resurvey of 470 acres in Gadsden County. Control was established for LiDAR Mapping from a static GPS network and conventional leveling. A topographic survey map was prepared showing contours at 1-foot interval, using LiDAR and conventional field survey data.		
d.	<b>SummerCamp Subdivision St. Teresa, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager and surveyor for Dependent resurvey of 800 acre parcel in three fractional sections in the John Forbes and Company Land Grant on the Gulf of Mexico. Survey included mapping of approximately five miles of Mean High Water and twenty-one miles of wetlands. Retracement of the privately surveyed sections was aided by 1960 field notes by local surveyor J.B. Hathaway. Survey control established by static GPS network and conventional leveling.		
e.	<b>Box R Ranch Apalachicola, Florida</b>	2003	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager and Surveyor for Boundary Survey of 8000 acres in the John Forbes and Company Land Grant. A dependent resurvey of 19 sections was done using P.L.S. field notes and plats of the township and range lines that divided the privately surveyed sections. Researched legal descriptions and maps to retrace private sections. Seven, three-man, field crews were used to complete the field survey within 90-days. Analyzed boundary evidence, identified boundary conflicts and encroachments.		



**Reglote, Sliger  
Engineering, Inc.**



**ENVIRONMENTAL &  
GEOTECHNICAL  
SPECIALISTS, INC.**



ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.

March 3, 2011

Registe, Sliger Engineering, Inc.  
1427 North Bronough Street  
Tallahassee, FL 32303

**ATTN:** Jacques Registe, P.E.  
President

**RE:** Letter of Commitment  
Leon County Proposal Number: BC-03-17-11-25  
Civil Engineering Services Continuing Supply

Dear Jacques:

On behalf of Environmental and Geotechnical Specialists, Inc. (EGS), I am pleased to be part of the Registe, Sliger Engineering, Inc. team to perform geotechnical services as needed for the above referenced proposal. I confirm our commitment to meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective investigations and deliverables to you and your client. Further, these projects will have our highest priority with respect to scheduling staff and resources.

EGS is a Minority Business Enterprise (MBE) registered with Leon County and the City of Tallahassee. I have attached proof of our certification.

EGS looks forward to working with you and the Leon County Board of County Commissioners. If you have any questions or need additional information, please contact me at (850) 386-1253.

Very truly yours,

**Environmental and Geotechnical Specialists, Inc.**

Judith M. Hayden, P.E.  
President



This certifies that  
**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALTIES, INCORPORATED**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**May 18, 2010 to May 31, 2011**

  
\_\_\_\_\_  
MBE Administrator

  
\_\_\_\_\_  
Certification Specialist

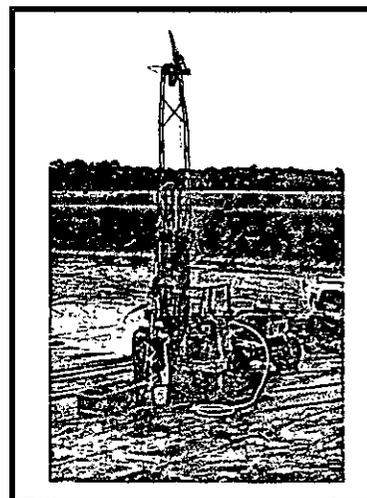
H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

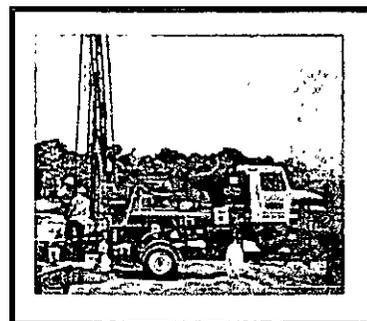
The M/DBE firm of Environmental and Geotechnical Specialists, Inc. (EGS) will be providing specialty services to the design team. EGS is highly qualified and has an outstanding work experience within the panhandle of Northwest Florida. EGS specializes in the areas of wetland permitting, environmental site assessments and geotechnical investigations and designs. The staff at EGS has been providing professional services since 1992. EGS is dedicated to providing exceptional services at competitive rates.



EGS is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS's professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services.



EGS also has a professional and knowledgeable staff experienced in providing environmental assessments and engineering solutions to various construction related environmental problems encountered during the planning, engineering and design phase of the projects. EGS's staff is familiar with the regulatory requirements of the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the Northwest Florida Water Management District. The results of EGS's investigations are presented in a focused engineering report prepared by a licensed professional engineer.



The staff at EGS is committed to satisfy the needs of their clients on all aspects of an assigned task. EGS will meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective testing and deliverables. Further, the projects will have our highest priority with respect to scheduling staff and resources. EGS will pledge to go the "extra mile" to meet the needs and expectations of the project.



I. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

31. SIGNATURE

*Judith M. Hayden*

32. DATE

Sept. 14, 2009

33. NAME AND TITLE

Judith M. Hayden, P.E., President

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Myron L. Hayden, Ph.D., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Tri-State Univ., 1974 Master of Science - Civil Engineering, Oklahoma State Univ., 1975 Doctor of Philosophy - Geotechnical Engineering, Oklahoma State Univ., 1978	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 34067, FL
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Florida Engineering Society (Elected Fellow, Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Society of Civil Engineers (Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Public Works Association

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>General Service Contract</b> City of Tallahassee, Public Works Dept.	On-going	On-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Serve as project manager for miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the Geotechnical analysis for the construction of new roadway, mast arm installation, slope evaluations, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.		
<b>General Service Contract</b> Florida Dept. of Transportation, District 3, Chipley, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Provide miscellaneous services to the Florida Department of Transportation under a General Service Agreement. The tasks have included the geotechnical analysis for roadway design, culvert extensions, bridge foundations, bridge repair, mast arm installation, slope evaluations, base failures, lane additions and stormwater pond designs.		
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Provided the detailed geotechnical design services for the construction of two (2) day tanks to be constructed at the TPS Water Reclamation Facility. The investigation included an evaluation of potential karst features, foundation design recommendations, and construction concerns. Also provided the detailed geotechnical design for the upgrade of facility.		
<b>Capital Cascade Trail Park - Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. The Capital Cascade Trail project is a flood relief and greenways plan for a 5.2 mile corridor through Tallahassee, Florida. This project includes the planning and design for trails, parks, pedestrian bridges, and greenway amenities in combination with the stormwater aspect of flood control for the St. Augustine Branch and the Central Drainage Ditch EGS worked with the Genesis Group to provide the foundation designs for the various aspects of the project.		
<b>McKeithen Road Improvements Project</b> City of Tallahassee, Public Works Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Conducted the geotechnical investigation for the widening of five (5) segments of the Capital Circle widening project. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, stormwater treatment facilities and the remediation recommendations for karst features.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Derwood C. Sheppard, Jr., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) <b>Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Florida State University, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 69228, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers Florida Engineering Society			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Served as the project engineer for the design of the proposed improvements to the Thomas P. Smith Wastewater Treatment Facility. The project included the design of various structures and foundations ranging from shallow spread footings, mat foundations and deep soil improvements.		
<b>Capital Cascade Trail Park – Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Served as the project engineer for the geotechnical investigation of Capital Cascade Trail Park. The project has included the design of retaining walls, culvert structures, pedestrian bridges, water features, stormwater ponds and realigned roadways.		
<b>Connie Drive Flood Relief</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Served as the project engineer for the geotechnical investigation of Connie Drive Flood Relief improvements project. The project included the suitable mater determination for drainage lines and culverts and the geotechnical design parameters for the construction of box culverts and an earthen dam.		
<b>Capital Circle Widening</b> Blueprint 2000 and Beyond, Tallahassee, FL	On-going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Served the project engineer for the geotechnical investigation of Capital Circle Southeast Roadway Improvements project for 2 segments of the roadway (Connie Drive to Tram Road, and Tram Road to Woodville Highway). The project included the design analysis of new roadway, and stormwater ponds as well as the slope stability associated with the existing embankments.		
<b>McKeithen Road</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Assisted with the geotechnical investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included roadway design with curb and gutter, culvert extensions, and stormwater treatment and attenuations facilities. In addition, the project included an investigation for karst features.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Thomas H. Hayden, P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) <b>Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, University of South Florida, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 67492, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (Pres. Big Bend Chapter 2008) (Young Engineer of the Year 2008) Florida Engineering Society			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>John's Building, UST Removal</b> City of Tallahassee, Public Works Dept., Real Estate Div.	2009	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Supervised the underground storage tank removal for the City of Tallahassee at the John's Building. The project included the removal, removal of contaminated soil, CEI Inspection, environmental sampling and analysis, and well closure.		
<b>Lake Bradford Lift Station</b> City of Tallahassee, Water Utility Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Assisted in the geotechnical investigation for the Lake Bradford Lift Station. This project included the development of the geotechnical design parameters and recommendations for the construction considerations for the proposed construction. Served as field manager for the drilling and laboratory testing associated with the project.		
<b>Providence Neighborhood Enhancement-Pavement Design</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Project manager for the pavement core and condition survey for the Providence Neighborhood Improvements Project. This project included the pavement core and condition survey, the base, subgrade and embankment compaction analysis, bituminous design parameters and construction considerations for the proposed improvements.		
<b>Tom Brown Park – Tennis Court Rehabilitation</b> City of Tallahassee, Parks, Recreation and Neighborhood Affairs Dept	2009	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Assisting the City of Tallahassee with the analysis for the pavement failure at the Tom Brown Park Tennis Court Complex. The project included the subsurface investigation, field and laboratory compaction analysis, bituminous evaluations, and design recommendations for the proposed project.		
<b>Capital Circle Force Main By-Pass</b> City of Tallahassee, Water Utility Dept.	2006	2007
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Supervised the field work required for the installation of soil borings for the construction of a force main from Miccosukee Road to Eliza Road. The project included marking the boring locations, receiving utility clearance, conducting laboratory testing and preparation of the geotechnical report with design and construction recommendations.		



**MILLER'S  
TREE SERVICE**



March 13, 2011

Danielle Marrero  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough St.  
Tallahassee, FL 32303

Re: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Dear Danielle,

This letter confirms our commitment to provide mitigation services and certified arborist services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. If you have any other questions, please give me a call.

Sincerely,

Clay Culpener  
Gibbs & Culpener Tree Service  
(now Miller's Tree Service)  
Certified Arborist FL5924A  
850-366-3881

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Ray Childress</b>	13. ROLE IN THIS CONTRACT <b>Certified Arborist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>5</b>	b. WITH CURRENT FIRM <b>5</b>

15. FIRM NAME AND LOCATION (City and State)  
**Gibbs/Culpepper Tree Svc (now Miller's Tree Service) Tallahassee, FL**

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science in Commerce and Business Administration, with distinction. Accounting.  Masters Degree in Tax Accounting.</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>State of Florida Certified Arborist, FL5924A</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**President, Tallahassee Young Entrepreneurs Organization, 2011  
Voted Best Tree Service in Tallahassee, 2008-2010**

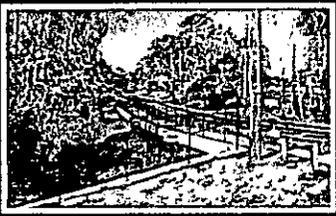
**19. RELEVANT PROJECTS.**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Supreme Court Bldg Tallahassee, FL	2009	2009	2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a very highly scrutinized water intrusion project at the Supreme Court Building where we mitigated 4 very large live oaks to protect them during this 2 year project. Our Cost: \$30,000			
Evening Rose Development Tallahassee, FL	2009	2009	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a new development at the corner of Mahan and Capital Cr NW where L&BD certification and "green" concepts were the focus. We performed mitigation and on going arborist services for the contractor and developer over a 4 year period. Cost: \$200,000.			
Kohl's Store Fort Walton, FL	2007	2007	2007
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new Kohl's. We mitigated approximately 30 trees in the new proposed parking lot and around the proposed building. Cost: \$20,000			
Florida Sheriffs Association Tallahassee, FL	2010	2010	2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new building around 7-8 very large live oaks. We mitigated all the trees to prepare them for the impacts of construction. cost: \$8,000			
Many newly constructed homes Tallahassee, FL	2010	2010	2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for many local newly constructed homes where we prepare mitigation plans and implement them to protect the trees on the site from the impacts of construction. Average Cost: \$2,000 per site			



**APPENDIX C**

**PROJECT  
INFORMATION FORMS**



# Timberlane Road Intersection Improvements Leon County, Florida

**Project Owner:**  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308

**Owners Project Manager:**  
Chris Muehleman, PE

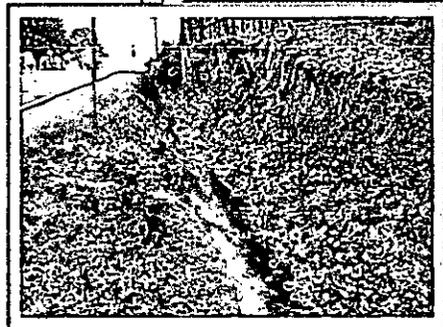
**Key Team Members and Role:**  
John Sliger, PE -  
Project Manager  
Danielle Marrero, PE -  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Project Completed:**  
May 2010

### Project Overview

The Timberlane and Timberline School Road Project is located along the intersection of Timberlane and Timberlane School Road in Leon County, Florida. The Timberlane & Timberlane School Road Project resulted from the high incidence of accidents in this area with at least one fatality in the last 10 years. Registe, Sliger Engineering, Inc. (RSE) was hired by Leon County to provide engineering services to improve the intersection. The project consisted of Timberlane Road and Timberlane School Road Intersection Improvements and well as Timberlane Road and Gilchrist Elementary School Intersection Improvements.

The project was designed to meet the required water quality treatment set forth by Leon County Growth and Environmental Management that the project must meet the Lake Jackson Stormwater criteria.



Conditions Prior to Improvements

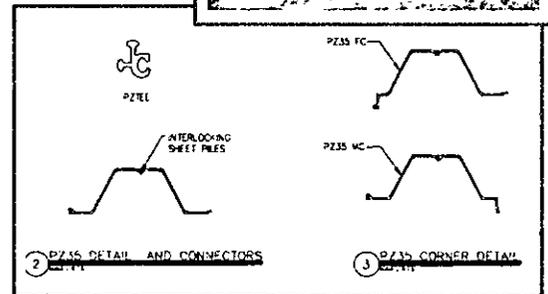
### Design

The design phase for this project began in June 2008 and ended in February 2009. Timberlane Road was widened and resurfaced. Studies were conducted to minimize wetland impacts. Stormwater analysis was also conducted and a drainage system was designed that was capable of handling the runoff generated during a 25 year storm without causing six inches or more of ponding in the travel lanes.

wetland impacts and maintain the right of way while increasing the footprint of the road, approximately 200 feet of sheet pile was installed along Timberlane Road and around the corner onto Timberlane School Road.



Left turn lanes were added at Timberlane Road into Gilchrist Elementary School and Timberlane Road onto Timberlane School Road. A WB-40 design vehicle was used when designing the turns. There was extreme erosion existing along Timberlane Road at the project site. In order to control erosion with minimal



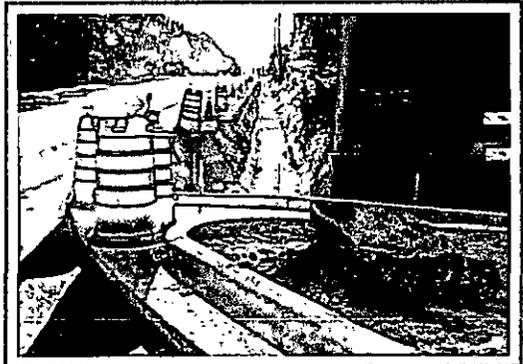
PZ35 Sheet Pile

*Timberlane Road Intersection Improvements*

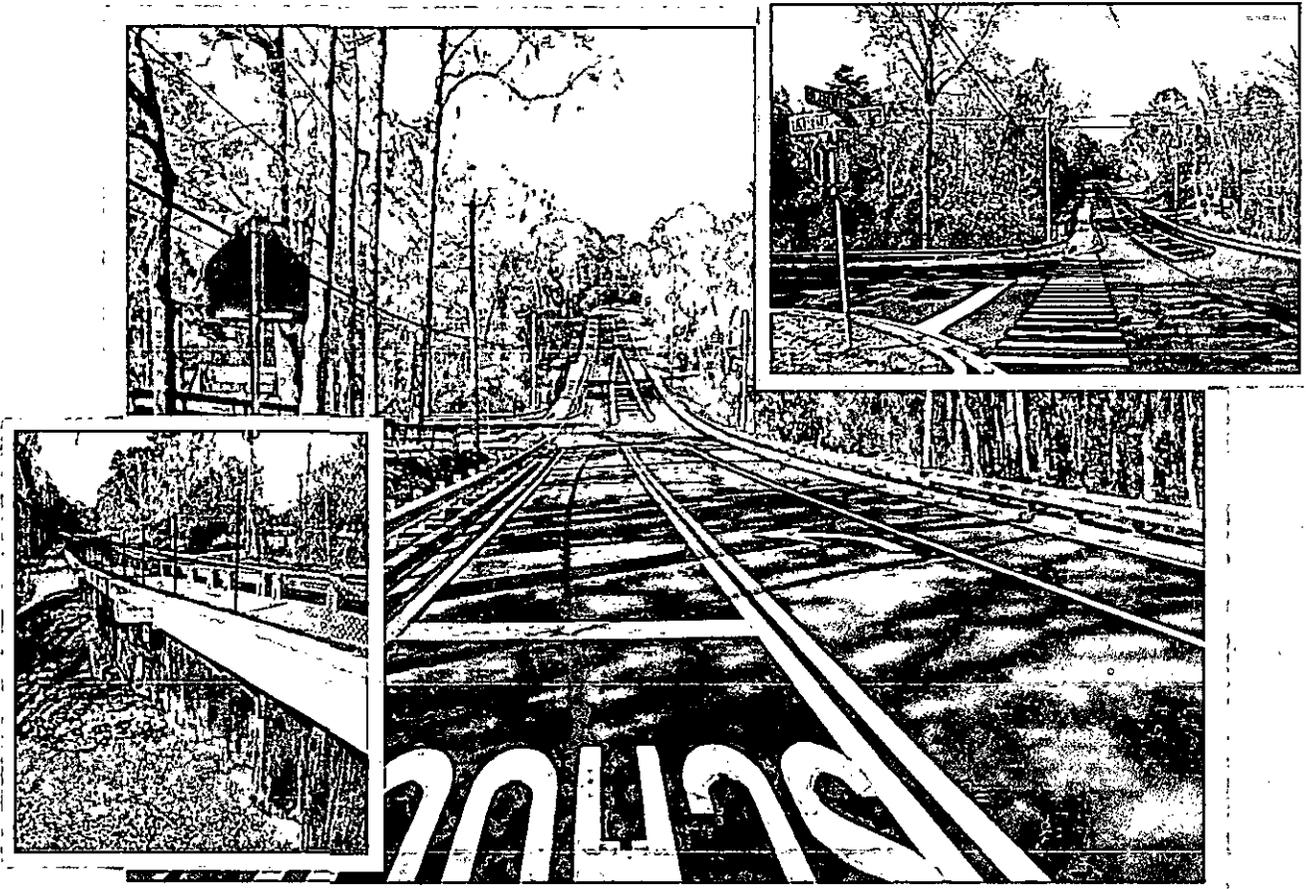
**Construction**

Construction for this project began in March 2009 and ended in May 2010.

Timberlane Road was widened and resurfaced. Left turn lanes were added on Timberlane Road onto Timberlane School Road and into Gilchrest Elementary School. A sidewalk was included on one side of Timberlane road up to Timberlane School Road. Reworking the existing stormwater pond in Lakeshore Estates to handle the runoff volume generated over the additional impervious area for a 50 year-24hr storm event, storm sewer design, and ditch work along Timberlane and Timberlane School Road was also completed.



**Timberlane Road During Construction**



**Timberlane Road Completed Project**



## *Aenon Church Sidewalk*

### *Leon County, Florida*

***Project Owner:***

**Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500**

***Owners Project Manager:***

**Felton Ard, PE**

***Key Team Members and  
Role:***

**John Sliger, PE -  
Project Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician**

***Project Completed:***

**July 2009**

**Project Overview**

The Aenon Church Road Sidewalk Project is located in Leon County, Florida along the east side of Aenon Church Road from north of Gum Road to the intersection of U.S. 90. This project included approximately 3,200 linear feet of sidewalk with width varying from 5 to 6 feet. The project consisted of adding curb and gutter, along with designing a drainage system that could handle the runoff generated during a 25-year storm without causing six inches or more of ponding within the travel lane.

Closed flume inlets were constructed on the east side of Aenon Church Road to convey all the runoff from the roadway and sidewalk into the existing roadside ditches on the east side of Aenon Church Road. At the northeast quadrant of the intersection of Gum Road and Aenon Church Road, a new manhole was constructed that replaced the two headwalls located in the ditches in this area.



**Completed Sidewalk**



**Completed Sidewalk**

## *Buck Lake Road Eminent Domain Leon County, Florida*

***Project Owner:***  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

***Owners Project Manager:***  
Kimberly Wood, PE

***Key Team Members and  
Role:***

Jacques Registe, PE -  
Project Manager  
Danielle Marrero, PE -  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern

***Project Completed:***  
January 2011

### **Project Overview**

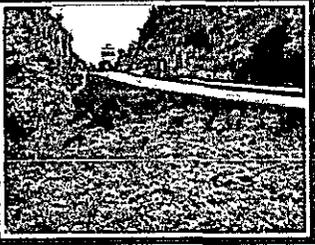
Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to provide engineering evaluation of 27 parcels on Buck Lake Road and determine the impact of the proposed condemnation and roadway construction. To accomplish this goal, RSE proposed to analyze the existing condition, the proposed condition and the post construction condition.

RSE provided the County with a report for each parcel detailing the existing and proposed conditions and any proposed cure along with associated cost.

RSE visited the site, reviewed the construction plans, reviewed the proposed easements provided by the design consultant and coordinated with the appraisers.

# Capital Circle Southwest PD&E

## Leon County, Florida



### Project Overview

**Project Owner:**

Blueprint 2000  
1320 Executive Center Dr  
Suite #100  
Tallahassee, FL 32301  
(850) 205-0460

**Owners Project Manager:**

Latesa Turner (LPA)

**Key Team Members and Role:**

Jacques Registe, PE-Project  
Manager  
John Sliger, PE - Project  
Engineer  
Carlos Campos, EI -Engineer  
Intern  
Brett Williams -Technician

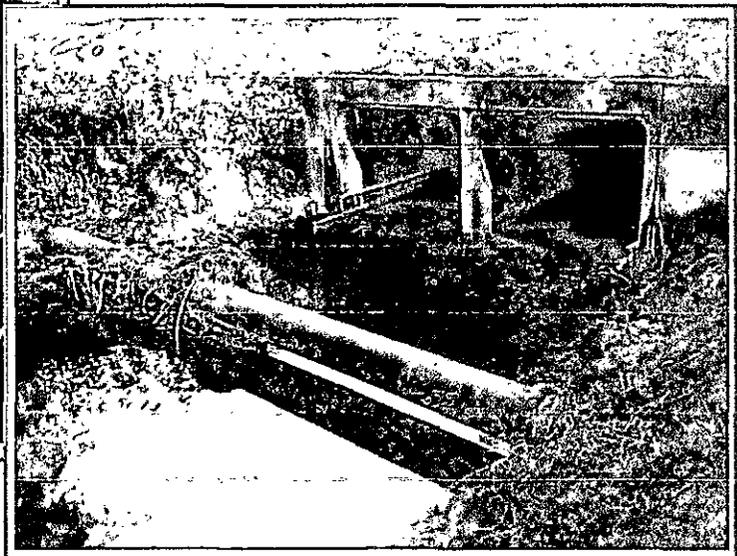
**Project Completed:**

October 2010

Registe, Sliger Engineering, Inc., (RSE) was contracted by Blueprint 2000 to provide Project Development and Environmental services.

RSE provided Concept Plans utilizing rasterized aerial images as a background. The plans included various CADD-GIS elements including property lines, wetland and floodplain boundaries, existing and proposed right of way, and other elements. Base plans included survey data, geographical data, environmental data and proposed roadway/bridge design information.

RSE evaluated conceptual alternatives for structure widening and/or replacement of the existing bridges. Elements considered included alternative typical section, vertical and horizontal alignments, alternative structure types, right of way requirements, etc. RSE also provided preliminary construction cost estimates.



# *I-10 Signing and Pavement Marking* *Gadsden County, Florida*

**Project Owner:**  
Florida Department of  
Transportation  
1074 Highway 90 East  
Chipley, FL 32428  
(850) 638-2288

**Owners Project Manager:**  
Lisa Stone

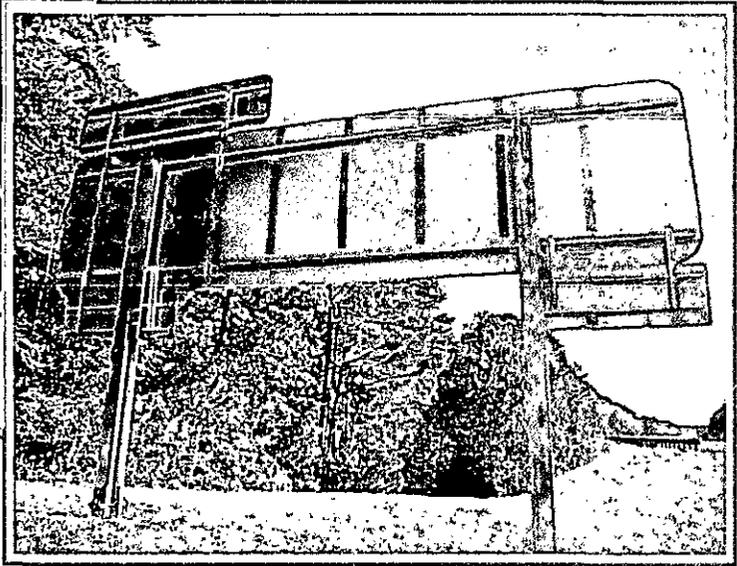
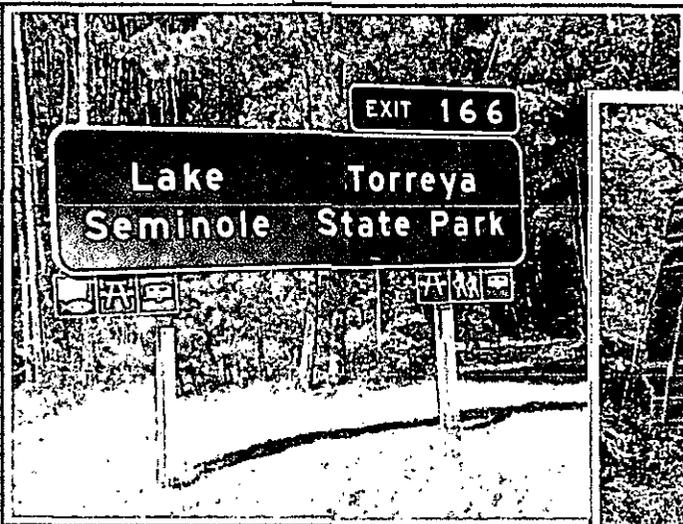
**Key Team Members and  
Role:**

Jacques Registe, PE -  
Project Manager  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Project Completed:**  
January 2011

### **Project Overview**

Registe, Sliger Engineering, Inc. (RSE) provided signage and pavement markings, guide sign design and multi-post sign design for approximately eight miles of I-10. The design was based upon the Florida Department of Transportation's (FDOT) Plans Preparation Manual (PPM), Manual on Uniform Traffic Control Devices (MUTCD) and the Elder Use Manual.



## *Leon County Sign Design*

### *Leon County, Florida*

***Project Owner:***

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

***Owners Project Manager:***

Charles Wu, PE

***Key Team Members and  
Role:***

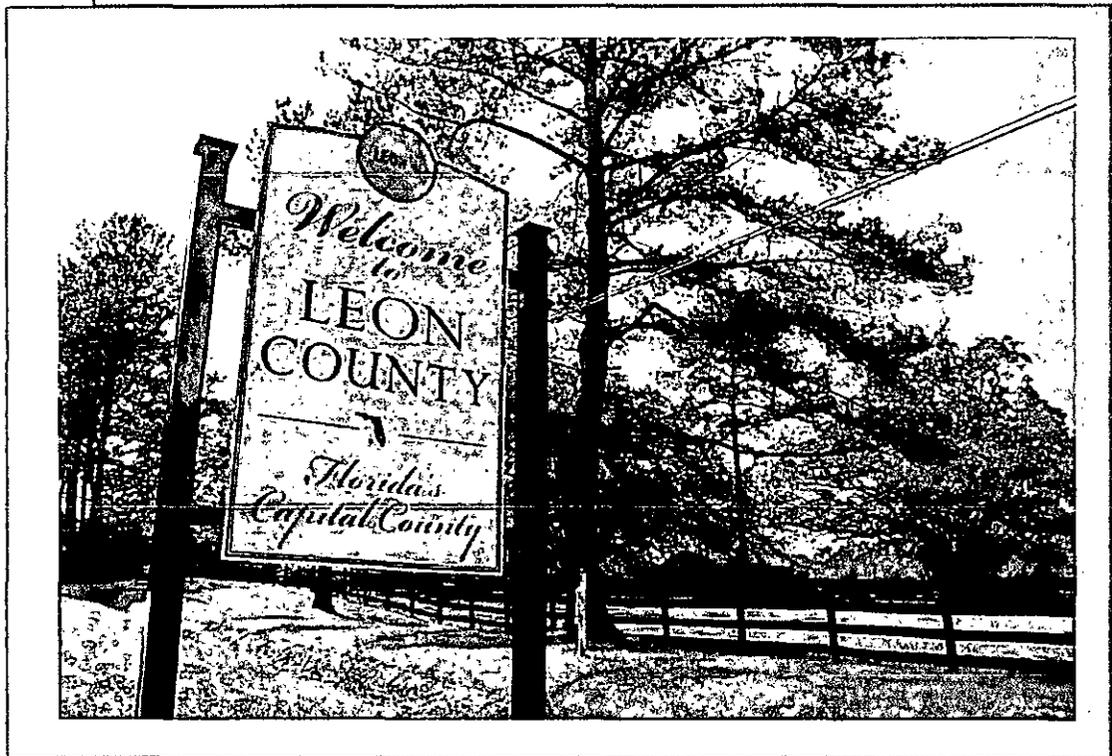
Jacques Registe, PE -  
Project Manager  
Mary Persson, PE—  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

***Project Completed:***

March 2010

### **Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was retained by the County to design 12 Leon County Welcome Signs. Design was based on the new Florida Department of Transportation (FDOT) wind load criterion. Breakaway connections were provided at locations where signs were to be installed within the recovery zone.



**Welcome Sign**

# Miccosukee Road Signing & Marking—Exhibits for Public Meeting Leon County, Florida

**Project Owner:**  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

**Owners Project Manager:**  
Kimberly Wood, PE

**Key Team Members and Role:**

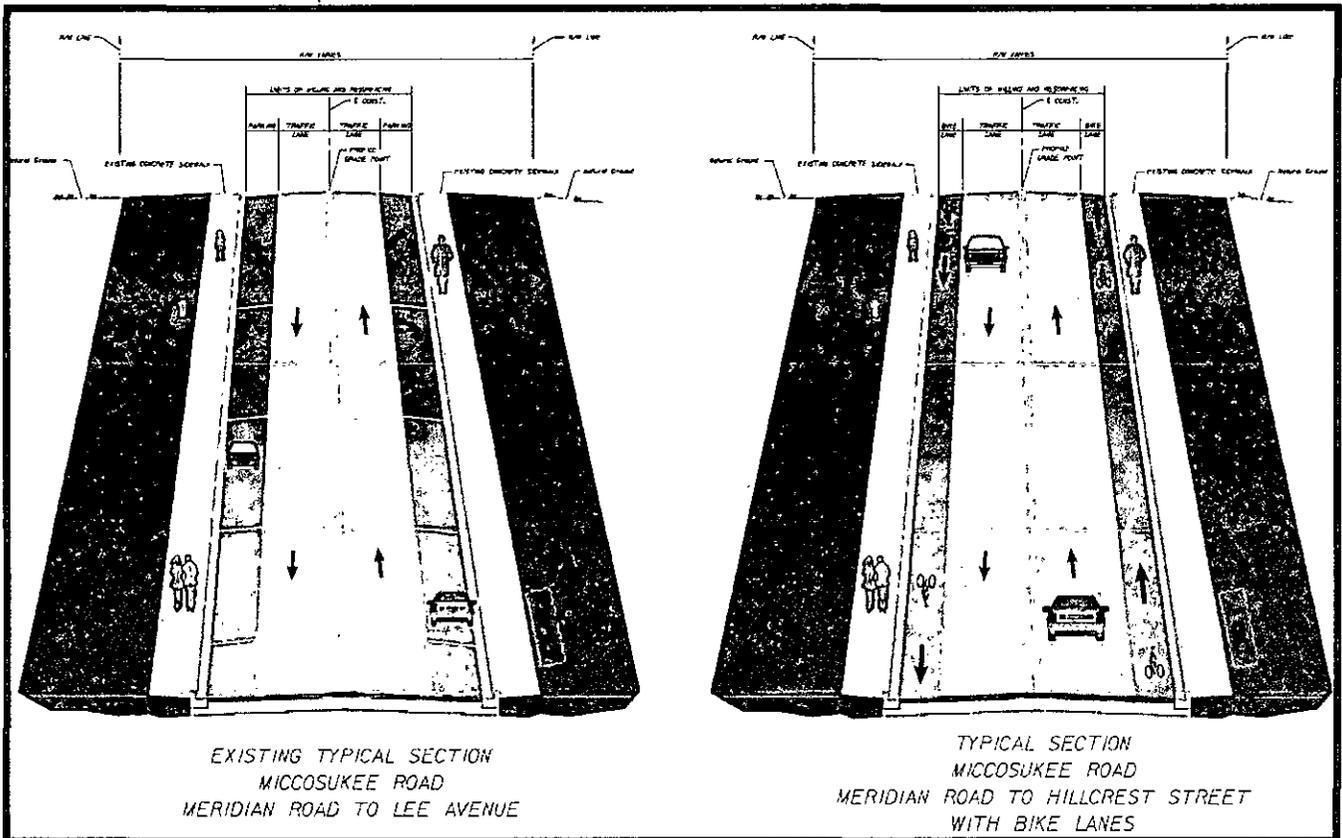
John Sliger, PE -  
Project Manager  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Project Completed:**  
April 2010

### Project Overview

Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to prepare and mount three, 24-inch x 36-inch exhibits for the required public meeting. Two of the exhibits were renderings of the proposed roadway marking configuration. The third exhibit was bullet descriptions of the proposed markings. Three copies of each exhibit were created, for a total of nine exhibits.

RSE provided the County with the proposed marking renderings to review and approve, prior to creation of the exhibits.





## *Old Centerville Road*

### *Leon County, Florida*

#### **Project Owner:**

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

#### **Owners Project Manager:**

Felton Ard, PE

#### **Key Team Members and Role:**

John Sliger, PE - Project  
Manager  
Danielle Marrero, PE –  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams—  
Technician

#### **Project Completed:**

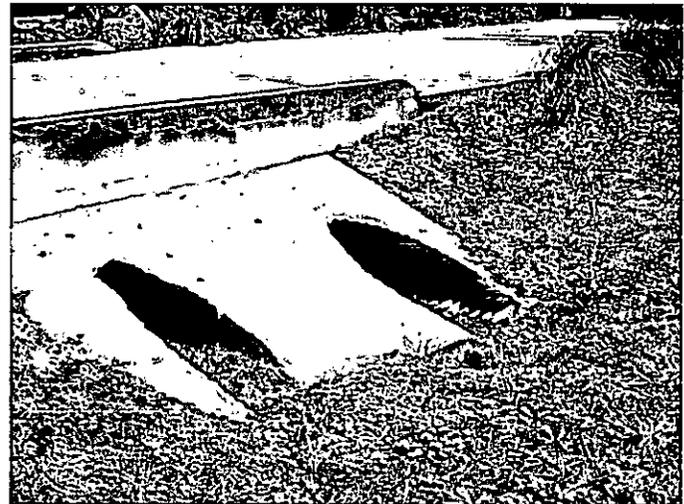
November 2010

#### **Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to provide engineering services for the portion of Old Centerville Road at the intersection of Surrey Farms. This area of roadway flooded during Tropical Storm Fay. RSE has analyzed the drainage basin contributing to the Old Centerville Rd/Surrey Farm Rd intersection. The existing roadway drainage conveyance system was evaluated to identify items requiring modification or replacement and a drainage report was prepared. Roadway analysis provided included pavement design, horizontal/vertical master design file setup, traffic control analysis and a design report. Roadway plans were also be provided.



**Old Centerville Road**



**Entrance to Surrey Farms**

## *Pimlico Sidewalk*

### *Leon County, Florida*

**Project Owner:**  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

**Owners Project Manager:**  
Felton Ard, PE

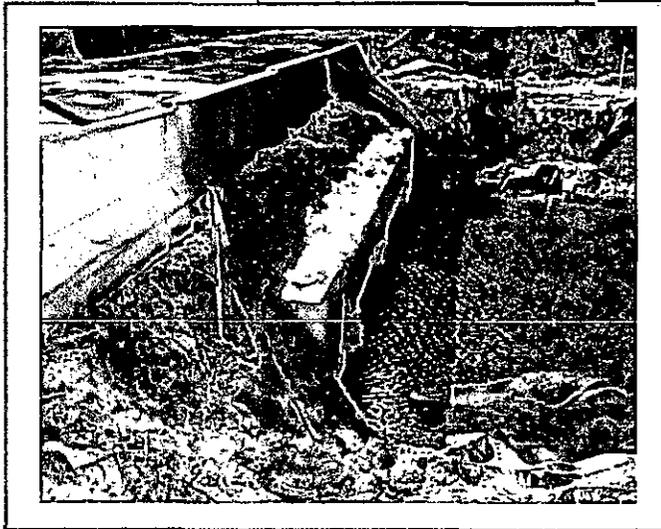
**Key Team Members and  
Role:**

John Sliger, PE -  
Project Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

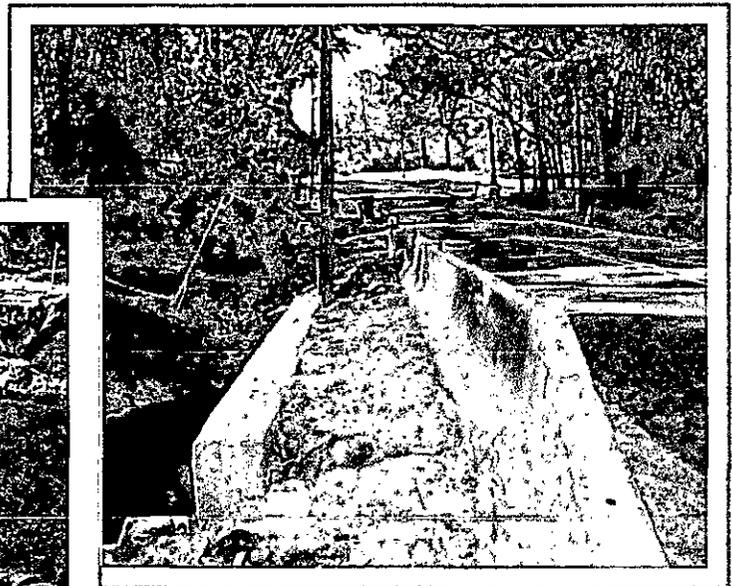
**Project Complete:**  
May 2009

### **Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was retained by the County to provide construction assistance in realigning the sidewalk and headwall to allow safe passage of pedestrians. RSE provided design changes and construction drawings for the correction.



**During Construction**



**During Construction**

## *State Road 61 (Monroe Street) Mill & Resurfacing*

### *Leon County, Florida*

**Project Owner:**

Florida Department of  
Transportation  
1074 Highway 90 East  
Chipley, FL 32428  
(850) 638-2288

**Owners Project Manager:**

Carolyn Riley

**Key Team Members and Role:**

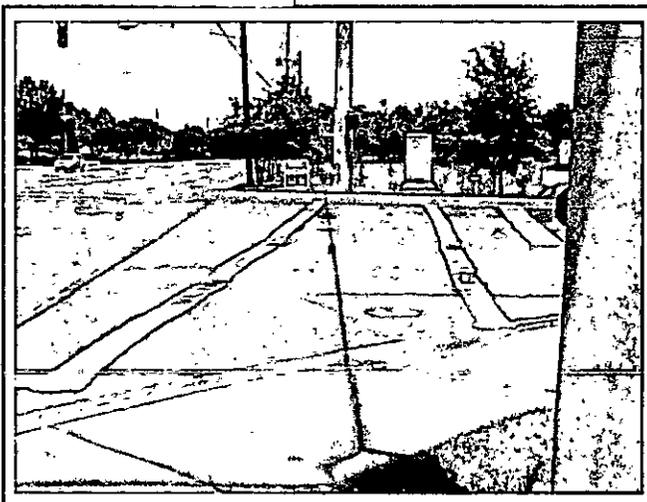
Jacques Registe, PE -  
Project Manager/Senior  
Structural Engineer  
John Sliger, PE - Project  
Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Project Completed:**

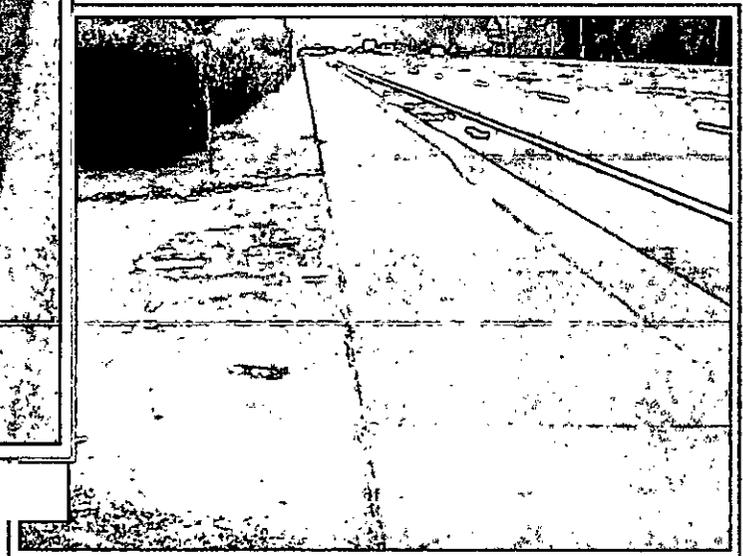
January 2010

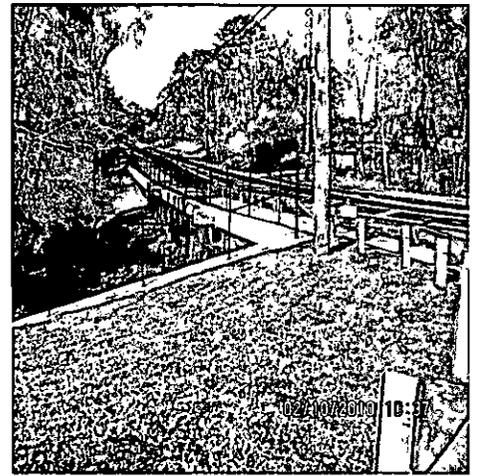
**Project Overview**

This project primarily consisted of milling and resurfacing SR 61 (Monroe Street) from South of Gaile Street to North of Paul Russell Road. This facility is located in an urban area in the City of Tallahassee, Leon County, Florida and is functionally classified as an Urban Other Principal Arterial. The beginning of the project is located at the pavement change at county mile post (CMP) 8.735 and the end of the project is located at CMP 9.476. The approximate net length of the project is 0.741 miles. The basic roadway template consisted of two typical sections. The first typical section consisted of a rural two-lane facility with 12' travel lanes and 8' shoulders (4' paved). The second typical section consisted of an urban four-lane highway with 12' travel lanes, a 12' continuous two way left turn lane, 4' bicycle lanes and 6' sidewalks. There were many locations where ADA improvements/modifications were needed. Several curb ramps needed to be replaced and pedestrian controls were required to bring this section of SR 61 (Monroe Street) into compliance. Traffic signal loops were replaced where impacted by the milling and resurfacing operations.



SR 61





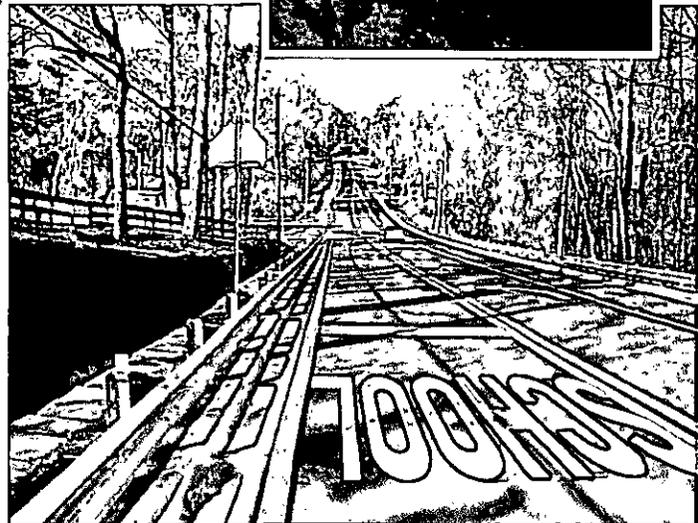
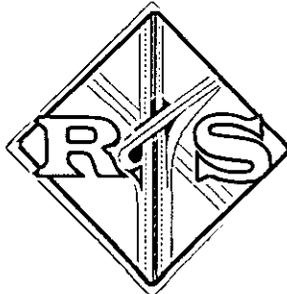
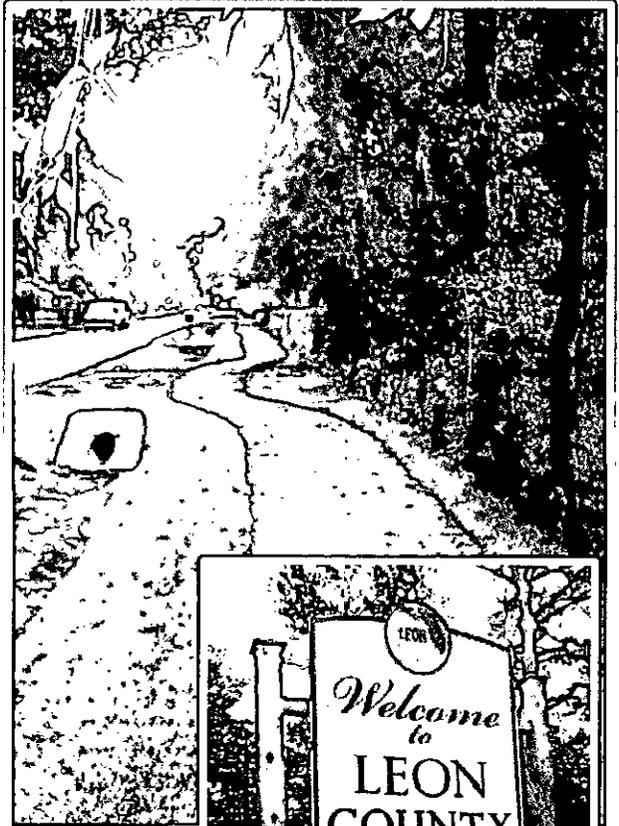
# TRAFFIC AND INTERSECTION ENGINEERING

Civil Engineering Services  
Continuing Supply

Proposal Number: BC-03-17-11-25

Submitted to:  
Leon County Board of  
Commissioners

Submitted by:  
Registe, Sliger  
Engineering, Inc.



March 17, 2011



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**A. INTRODUCTION**

RSE merges the talents of experienced designers and construction professionals to efficiently and effectively handle an array of road and highway projects. Our abilities include transportation impact analyses, roadway and traffic operations design, transportation planning, permitting and coordinating utilities in addition to public involvement. RSE team members have been involved in the design of many intersection improvement and traffic projects including Timberlane and Timberlane School Road Intersection Improvement, SR 22 and Star Avenue Intersection Improvement, Bay County and the Signal Warrant Study for the intersection of Bradfordville Road and Pisgah Church Road.

**B. ABILITY OF PROFESSIONAL**

**1. RSE Staff Assigned**

The RSE team is immediately available and committed to the successful execution and delivery of any projects resulting from this contract. It is imperative for RSE to demonstrate to the County that it will respond rapidly, provide ample personnel and resources, perform in a technically competent manner and maintain complete project integrity, including services that are on time and within budget.

The following RSE staff members will be assigned to this contract, as well as availability to provide services on small to medium sized contracts:

RSE Staff Member	Availability
Jacques Registe, P.E.	40%
John F. Sliger, II, P.E.	60%
Danielle Marrero, P.E.	65%
Mary Persson, P.E.	25%
Andre Vaillancourt, P.E.	30%
Carlos Campos, E.I.	75%
Larry Tew	25%
Samantha Kaparos	75%
Brett Williams	50%

Detailed resumes for each staff member can be found in **Appendix A.**

**2. Subconsultants**

The scope of work anticipated under this work category calls for a diverse group of professionals to successfully evaluate, and then design the required construction documents for the County. The firms making up the RSE Team have sufficient staff and available manpower to adequately handle the expected workload requirements from each project. RSE enjoys a solid working relationship with all of the proposed subconsultants and has a proven track record of successful projects.

**Dantin Consulting, LLC**

Dantin Consulting was formed in March 2009, a DBE firm certified with FDOT, State of Florida and various local governments in Florida. She has both public and private sector experience; Senior Vice President/owner of Genesis Group from 2001-2009 where she began statewide transportation engineering and planning services; and ten (10) years with the City of Tallahassee serving as City Traffic Engineer of Tallahassee from 1995-2001. Ms. Dantin has managed capital projects up to \$8.5M and directed over 50 full time personnel.

**Nobles Consulting Group, Inc.**

Nobles Consulting Group, Inc. (NCG) is a leading consulting firm of professionals who provide land surveying and mapping throughout the southeastern United States. Since its founding in 1980, NCG has specialized in creating design solutions using some of the most significant advances in technology including Terrestrial Laser Scanning, Robotic Total Stations and GPS. NCG will be responsible for all surveying tasks on the contract.

**Environmental & Geotechnical Specialists, Inc.**

Environmental & Geotechnical Specialists, Inc. (EGS) is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS' professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services. EGS will be providing all geotechnical engineering related services for this contract.

All information on subconsultants, including commitment letters and SF 330 forms, can be found in **Appendix B.**



**C. PAST PROJECT EXPERIENCE**

The RSE Team has been providing quality traffic and intersection engineering services since 2002. Information regarding ten of the latest projects can be found on the Project Information Sheets in **Appendix C**.

**D. CURRENT PROJECTS**

RSE is currently under contract on a traffic project for RS&H. However, the schedule and scope of work for current contracts allows flexibility to accommodate any projects that may arise from this contract.

**Bannerman Road PD&E Study  
Tallahassee, Florida**

**Client:** Reynolds, Smith & Hills

**Description:** RSE is tasked with one of the three segments of this PD&E study – Bannerman Road from North Meridian to Bull Headley Road. The project entails the development of three alternative alignments that best fit the determined need for this segment. The plans include roadway design alternatives, 30% plans, access management, multi-modal accommodations and maintenance of traffic analysis.

**Anticipated Completion Date:** December 2011

**E. QUALITY CONTROL/QUALITY ASSURANCE**

The RSE approach to Quality Control is to provide complete and accurate project deliverables that are in full compliance with published FDOT and industry standards, the project’s requirements and the client’s expectations.

RSE understands the County’s commitment to quality. RSE’s Quality Control Process is implemented to ensure the safety of the public, prevent cost overruns and eliminate delays in the construction process by minimizing errors in the contract documents.

RSE’s Quality Process for Leon County projects provide a series of checks and balances, which will enable us to adhere to the policies, standards and accepted practices of Leon County. It also provides an effective tool for enhancing communication among Design Team members.

The RSE Quality Control Process for Leon County projects is essentially a three-level review process in

which the plan documents are compared with the various standards to ensure that all requirements have been addressed. Prior to performing the three level reviews, the design engineer and the CADD technician would have already made all their reviews and changes. About three weeks prior to each submittal, the Chief Engineer performs a Level One review using our own in-house quality checklist. A Level Two peer review is then conducted by an in-house designer. A Level Three review is an independent review conducted by an experienced engineer not working on the project, typically Larry Tew or Andre Vaillancourt, P.E. The Level Three review is not necessary on all projects, depending on project size and complexity.

At the completion of each phase, all design plans will undergo a Level One, Two and Three review. Reviewed copies will be stamped "Check Print". The Project Engineer and subsequently the Level Two and Three reviewers will complete a thorough assessment of the plans’ documents utilizing our in-house checklist and their design experience and expertise. All review comments and recommended corrections will be marked in red on the check prints. As each comment and correction is addressed by the Design Team and incorporated into the plans, they will be "highlighted" to assure that all items have been responded to.

The above outlined approach to be used by the RSE Team has proven successful on previous projects. We are confident it will assist us in providing the County with the best possible construction plans and documents for the assignments under this contract.

**F. RESOURCES**

RSE is confident that it can meet and exceed the County’s requirements for AutoCAD qualifications, pertaining in particular to the preparation of engineering construction documents. The firm’s professional designers have extensive, hands-on knowledge of the tools required to create construction documents. Additionally, RSE currently follows County and FDOT CAD standards, when prescribed.

Like Leon County, RSE supports any and all initiatives that will reduce our carbon footprint and protect the environment. This is evident in our day-to-day practices—for instance, recycle bins accompany all of the printers. RSE uses only recycled content paper to print reports and will print two-sided when feasible.



RSE is an electronically integrated organization, bringing to projects the benefits of electronic/online communications and file access/storage that reduce paper consumption and can eliminate excess travel.

**G. SCHEDULE/BUDGET REQUIREMENTS**

**1. Design Schedule and Budget**

Cost and scheduling control are two of the most important factors in any public sector project. Achieving quality deliverables for the County, on schedule and within budget, requires a combination of several strengths:

- Experience in planning, design, and supporting engineering disciplines
- A talented, cohesive team with all team members equally committed to the success of the project
- The ability to maintain clear, open, and ongoing communications among all team members and with the client

Offering each of these strengths, members of the proposed team are committed to delivering any project under this contract on schedule and within budget.

We recognize how important it is to develop and meet a strong schedule and budget. In developing schedules and budgets that are practical and can be maintained to the benefit of the County, we consider several key factors so that we deliver the most value to the County:

- Produce a clear understanding of the County's expectations and permitting requirements to provide a concise scope of work and design budget. This limits future additional services requests and design budget increases
- Hold bi-weekly production team meetings to prioritize our workloads to meet the County's needs
- Build in appropriate "float" at key tasks for added discussion or, as necessary, restudy to allow us to resolve all issues without falling behind schedule
- Maintain and update a Critical Path Project Schedule to present at regular progress meetings with County staff to keep you informed on important budgeting and scheduling milestones

Our approach for the timely completion of this project revolves around our ability to do the right things at the

right time. By performing intensive research and analysis at project commencement, we give our team maximum opportunity to anticipate any "bumps in the road" that we may experience. Doing our homework up front allows us to work around any obstacles that may impede our efforts. It also allows the County to anticipate submission milestones and review activities. In turn, this enables us to complete this project within the allotted design budget.

**2. Construction Schedule and Budget**

The first item necessary to ensure that project construction costs are within budget is to establish a realistic cost estimate for the project early in the design phase. As the design evolves, the construction cost estimate is updated to reflect the project scale and scope.

As a mechanism for controlling construction costs, RSE holds "value engineering" meetings with our clients to identify design alternatives to help the project maintain construction budget and schedule. Meetings are held at key design phase milestones to allow alternatives to be evaluated and incorporated. Construction cost estimates for various design schemes are calculated and the most cost effective solution that meets the design requirements is recommended to the client for the project.

**3. Long Term Maintenance Cost**

An often overlooked area that can add cost to a project is the long term maintenance cost associated with any public works project. RSE reviews these issues during the design process to ensure that the short term construction and long term maintenance costs are considered during the design phase of the project.

In the past, RSE staff has met with Leon County Operations Personnel onsite to establish the problems associated with the project locations. RSE has then used the information from maintenance staff to ensure that the project is designed with the long term maintenance cost minimized.

**H. WORKLOAD**

RSE's approach to satisfying overload scenarios is multifaceted. It starts with a focused, experienced, and available project team backed by strong subconsultants. Should a situation arise in which additional personnel are required, RSE and its subconsultants are committed to responding accordingly with additional personnel and



resources. Again, the proposed project team will devote its time to this project on a first-priority basis.

All projects, large or small, are given the same consideration at RSE with respect to accuracy of design and plans preparation, constructability, efficiency, aesthetics and quality.

**I. PROJECT TEAM LOCATION**

The headquarters of RSE and all our proposed subconsultants for this contract are located in Leon County, Florida. These locally owned businesses create more jobs locally and recycle a large share of their revenue back into the local economy, enriching the whole community. The RSE office is located three miles away from the Leon County Public Works Department, allowing us to provide personalized service in a matter of minutes.

**J. APPROACH TO PROJECT**

Every successful project begins with a meeting with the County staff to gain an understanding of project. RSE staff then meets with state and local permitting agencies, as well as other project stakeholders, to gain an understanding of project complexities and issues. A review is conducted of existing studies or plans, existing soils, floodplain and wetland information. A field review is then held at the project location with the required subconsultants.

Once all existing information has been reviewed, conversations with the County Project Manager are held to establish project deliverables. RSE staff prepares and submits a draft written proposal with associated staff hour estimate to negotiate with the County Project Manager. Revisions are made to the proposal, as required, until a Notice to Proceed (NTP) is issued from the Project Manager.

Once NTP is received from the County Project Manager, subconsultants are informed and mobilized to begin associated tasks. Typically, wetland delineations are started first, followed closely by design and boundary survey tasks and geotechnical, if required. Preliminary design and plans production is started. Progress meetings are held with County staff during design. They are arranged to ensure project deliverables meet scope requirements. Submittals are typically phased, or as

negotiated in initial proposal. Pre-application meetings with permitting agencies are handled prior to 60% or Phase II submittal. Permit drawings are submitted to permitting agencies after 90% or Phase III. Final plans are checked to ensure that construction documents reflect permit conditions. Cost estimates are submitted during 60%, 90% and final plans.

RSE provides full construction assistance to the County, when requested. Services may include bid preparation assistance, responding to requests for information from contractors, value engineering, construction inspections, shop drawing review and approval and final punch lists for contract close-out.



**APPENDIX A**

**RESUMES**



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Jacques Registe, P.E.***

*Senior Structural Engineer, President*

Mr. Registe is a civil engineer for Registe, Sliger Engineering, Inc. with more than 26 years of experience in both the general civil and structural engineering fields including roadway and bridge design, drainage design and permitting. Mr. Registe's engineering experience includes the preparation of design and permit documentation for many projects throughout the State of Florida. His professional experience has been acquired through multiple project responsibilities involving comprehensive analysis, engineering and design tasks for both roadway and bridge projects. His years of experience have been almost exclusively in the State of Florida where Mr. Registe enjoys an exemplary reputation for quality and on-time work.

Mr. Registe is responsible for the design, plans production and preparation of construction documents for all highway and bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project. He is certified in Advanced Maintenance of Traffic for FDOT projects.

**Education:** M.S. Civil Engineering, 1989  
FAMU/FSU, Tallahassee, Florida  
B.S., Civil Engineering, 1985  
FAMU/FSU, Tallahassee, Florida  
License, Civil Engineering, 1983  
Université Roi Henry Christophe, Cap Haitien, Haiti

**Registrations:** Florida PE #43397  
Georgia PE #27712

**Years Experience with Current Firm:** 9

**Years Experience Total:** 26

#### **Detailed Project Experience:**

**District-Wide Engineering Design Projects, District III, FDOT, Florida** – Project Manager for these projects which included intersection design, traffic operations design, signal design, drainage design, permitting and highway design. The contract totaled \$500,000 and consisted of an assignment of work orders by the client. Responsibilities included the preparation of detailed scope of services and associated fees, interfacing with management, technical staff and permitting agencies as well as detailed design.

**SR 45 (US 41) Design - Bell Lake Road to Suydam Road, Land O' Lakes, Florida** – Project Manager/Project Engineer responsible for providing the final design and plans preparation of this 4.9 kilometer improvement project. The project completed in metric units consisted of reconstruction and replacement of US 41 from Bell Lake Road to CR 583 from 2-lanes rural to 6-lane divided urban arterial highway (3 km) and reconstruction and replacement of US 41 from CR 583 to Suydam Road from 2-lanes rural to a 4-lane divided rural arterial with provision for future widening to 6-lanes. Project cost: \$2.1 Million.

**Florida's Turnpike Widening (Boca Raton Interchange to Atlantic Blvd), Florida** – Project Highway and Bridge Engineer for this project which involved the design of 5.3 miles of Turnpike widening from 4 to 6 lanes including redesign of the Boca Raton Interchange, a 35 year old interchange, to current design

standards. A new bridge was designed at the interchange to span the widened Turnpike. The project also called for a new bridge design at Clint Moore Road, which required a special designed temporary bridge and widening of two additional structures to carry the extended Turnpike roadway. Project cost: \$6.5 Million.

**Bridge Replacement Projects, Group 09-3, FDOT, Florida** – Project Manager for both the new bridge replacement tasks required for the projects in Group 09-3. Work includes the preparation of Typical Section Packages, Drainage and Bridge Hydraulics Reports, roadway and bridge design and plans preparation, utility relocation plans and the development MOT. Project cost: \$952,000.

**CR 269 over the CSX Railroad, Chattahoochee, FDOT, Florida** – Project Engineer for both the 3,000 feet of new roadway on a new alignment and a bridge over the CSX Railroad in Chattahoochee, Florida. Responsible for roadway geometry design and plans preparation, design of an enclosed drainage system, retention pond designs, utility relocation plans and maintenance of traffic plans preparation. Additional tasks include assisting the FDOT with permit application requirements and review of the bridge plans over the CSX Railroad. \$2.1 Million.

**SR 60 Bridge Replacements, Osceola County, Florida** – Served as Project Engineer for the roadway and bridge engineering tasks on the project. Work included roadway reconstruction of 500m to both ends of the two new bridges being designed under this contract. Mr. Registe was responsible for all design and plans preparation for the project. \$950,000.

**H-3 Kaneohe Interchange, Oahu, Hawaii** – Bridge Designer responsible for analysis of the designs of the Ramp B structure and all main line pier segments. The main line consists of twin, parallel post-tensioned concrete box structures approximately 1,700 feet long, built in balanced cantilever. Ramp B is 600 feet long post-tensioned concrete box structure and was built span by span. \$300 Million.

**SR 4 Bridge Replacement over Escambia River, FDOT, Florida** – Provided preliminary and final design calculations and was responsible for the development of construction plans for this bridge replacement project. Produced and/or checked the designs and details of all the structural elements and prepared the computer program input and analyzed the output for geometry, grades, foundations and girder programs. Also generated the final detailed contract plans and material estimates. \$4.25 Million.

#### **Professional Affiliations**

American Society of Civil Engineers  
American Society of Highway Engineers





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***John F. Sliger, II, P.E.***

*Vice President, Project Manager*

Mr. Sliger is a structural/civil engineer with a wide variety of experiences in project management as well as structural, highway, water resources and utility engineering since entering the consulting business in 1994. He is an experienced structural and bridge designer, as well as structural inspector. In the past six years, Mr. Sliger has inspected over 60 structures throughout Florida. He is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, RISA 3D finite element software, RAM advanced finite element software and SAP 2000. Mr. Sliger is a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

**Education:** B.S. Civil Engineering  
FAMU/FSU, Tallahassee, Florida, 1995  
Graduate Studies, Florida State University  
Associates of Science in Building Construction Technology, Lake Superior State University

**Registration:** Florida PE #55550

**Years Experience with Current Firm:** 7

**Years Experience Total:** 16

#### **Detailed Project Experience:**

**SR Sea Shell Seawall, Franklin County, Florida** – Designer responsible for the design calculations, plans production and quantity estimate for a 700 foot long concrete seawall. Project cost: \$500,000.

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two cell concrete box structure. Design work included preparation of the Bridge Development Report and structural calculation utilizing the AASHTO LRFD code. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two-span, flat slab structure. Design work included a preparation of the Bridge Development Report and structural design calculations and plans utilizing the AASHTO LRFD code. Project cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Engineer of record for the design and plans preparation for 100 ft and 60 ft long wooden bridges. Work included preparation of design calculations and construction documents. Project cost: \$200,000.

**Florida Keys Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Engineer responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Design

included the use of carbon and glass fiber near surface reinforcement spall repairs. Project cost: \$2.5 - \$3.5 Million.

**Ft. Clinch State Park, Fishing Pier Inspection, Fernandina Beach, Florida** – Engineer responsible for the inspection and rehabilitation design for 3,900 feet long pre-stressed fishing pier. Inspection tasks included underwater, substructure and superstructure of a 2,200 feet long fishing pier. Design plans included pre-stressed slab replacement and rehabilitation, railing enhancements and pile jacks design. Project cost: \$1.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Design Engineer responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the design and construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project cost: \$1.3 Million.

**Smith Creek Bridge Inspection and Rehabilitation, CR375, Leon County, Florida** – Design Engineer responsible for the inspection, load rating and rehabilitation plans for a 125 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Additional items included the design of new pile and pile jacks. Project cost: \$70,000.

**Sand Hill Lakes Mitigation Bank Bridge and Bridge Culverts Design, Washington County, Florida** – Engineer of Record for three steel bridges, two concrete box culverts, associated approach work and bridge hydraulics report utilizing ICPR3. Additional items included bid assistance, construction assistants and inspection to include shop drawing review, site visits and approval of contractors pay request. Project cost: \$500,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail (FM414587-1), Monroe County, Florida** – Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project cost: \$300,000.

**US 41 (SR 45) Bridge over Spring Creek, Collier County, Florida** – Engineer responsible for the review of the bridge hydraulics report, load rating, design calculations and the bridge development report for this bridge replacement project. Prepared the computer input and analyzed the output for the preliminary design and details for the slab and girder structural elements. Project cost: \$1.2 Million.

**John Sims Parkway (SR 85) Bridge and Roadway Improvements, Niceville, Florida** – Engineer responsible for the design and preparation of plans and estimate for the widening to six through-lanes of approximately one mile of a major urban arterial. Design work included a new six-lane, 300 foot span bridge, providing for new turning lanes for two major interchanges, development of vertical and horizontal alignments and superelevation in accordance with current AASHTO standards. Maintenance of Traffic Plans were developed that utilized staged construction in an effort to minimize the impact of construction on extremely large daily traffic volumes. Project cost: \$5 Million.

**Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, American Society of Highway Engineers





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Danielle Marrero, P.E.***

*Project Engineer*

Ms. Marrero is a Project Engineer with a wide variety of experiences in roadway design, water resources and utility engineering. Ms. Marrero offers significant permitting and stormwater design experience in North Florida. She has participated in the infrastructure design for several major residential developments throughout Walton, Wakulla, Jefferson, Jackson and Leon counties, with responsibilities ranging from feasibility analysis to final construction observation services. Ms. Marrero has worked for a variety of clients in both the public and private sectors. She offers extensive experience in permitting projects with the City of Tallahassee, Leon County, Walton County, various Water Management Districts, Florida Department of Environmental Protection (FDEP) and Florida Department of Transportation (FDOT). In addition to being a Registered Professional Engineer in Florida and Mississippi, Ms. Marrero is also a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

Ms. Marrero is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, HEC-RAS, WSPRO, HY-8, ICPR 3 and Ponds drainage design software.

**Education:** B.S. Civil Engineering, Magna Cum Laude  
FAMU/FSU, Tallahassee, Florida, 2003  
Graduate Studies, Florida State University

**Registrations:** Florida PE #66450  
Mississippi PE #19290

**Years Experience With Current Firm:** 2

**Years Experience Total:** 9

#### **Detailed Project Experience:**

**Smith Creek Road Bridge over Black Creek, Leon County, Florida** – Engineer responsible for the HEC-RAS modeling for the bridge hydraulics report for a 125 foot bridge replacement. \$70,000.

**Florida Caverns State Park, Fish Hatchery Road Bridge over the Chipola River, Jackson County, Florida** – Engineer responsible for Bridge Hydraulics Report for bridge replacement project. Tasks included hydraulic modeling utilizing HEC-RAS and HY-8. Project cost: \$10,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida** – assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

**The Preserve at Lindsey Island, Taylor County, Florida** – project manager for this 92-acre, 20-lot subdivision located along the Gulf of Mexico. Coordinated with multiple subconsultants to design a plan that balanced the concerns and requirements of neighboring communities and regulatory agencies.

The design strove to minimize development impacts to pristine wetlands with the confines imposed on the project by regulatory agencies. Project cost: \$400,000.

**Big & Little Talbot Islands and Fort George Island State Parks, Duval County, Florida** - provided feasibility analyses and preliminary designs with cost estimates for five hydrologic restoration projects at three state parks. Responsibilities included evaluating available data resources, data collection programs, developing and calibrating hydrologic and hydraulic models, evaluating the performance of existing and proposed stormwater systems and design of remedial measures, in conjunction with ecological field requirements to restore natural hydrology to ditched and drained ecosystems. Project cost: \$75,000.

**Florida Keys Overseas Heritage Trail (FKOHT), Monroe County, Florida** - project engineer assisting in the design, permitting and construction phase services for several portions of this historic trailway system. The client for this project is the FDEP's Office of Greenways and Trails. Funding partners include the Florida Department of Transportation and Monroe County. The projects are part of the 106-mile long FKOHT project that will ultimately connect Key West to Key Largo. The FKOHT was designated as one of three statewide priorities for FDEP under the direction of Governor Jeb Bush. Assisted with the following segments: Project cost: \$2.5 - \$3.5 Million.

- **Lower Sugar Loaf to Summerland Key (US-1 MM 16.5 to 25.5):** drainage design for approximately eight miles of shared use path along US-1 (SR 5) and portions of the old abandoned SR 4A highway.
- **Layton to Channel 5 Bridge (US-1 MM 68.4 to 70.8):** drainage design for approximately two miles of shared use path along US-1 (SR 5).

### Professional Affiliations

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society

### Awards and Recognition

*Young Professional of the Year*, American Council of Engineering Companies, 2007  
*Semi-Finalist*, New Faces in Engineering, National Engineers Week Foundation, 2007  
*Young Engineer of the Year*, American Society of Civil Engineers Tallahassee Branch, 2006  
*Finalist*, American Concrete Institute Graduate Studies Fellowship, 2003





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Mary Persson, P.E.***

*Project Engineer*

Ms. Persson is a Project Engineer who lends her expertise to projects encompassing residential, commercial, recreational, and transportation features. She has provided designs for stormwater management systems; both new roadway widening projects; as well as masonry and timber structures. Ms. Persson has participated in the permitting processes for numerous projects and is knowledgeable of the governing structures and requirements that are associated with such projects.

Ms. Persson is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD, MathCAD, RISA, SWMM5 and ASAD software.

**Education:** B.S. Civil Engineering, Cum Laude  
FAMU/FSU, Tallahassee, FL, 2002  
Graduate Studies, Florida State University

**Registration:** Florida PE #67436

**Years Experience With Current Firm:** 1

**Years Experience Total:** 10

#### **Detailed Project Experience:**

**Florida Keys Overseas Heritage Trail, Monroe County, Florida-** Engineer responsible for the trail design and plans production for approximately 10 miles of shared use path for pedestrians and bicyclists along US-1 in the Florida Keys. Project cost: \$2.5 – 3.5 Million.

**John Pennekamp State Park, Monroe County, Florida-** Engineer responsible for the design of ADA improvements for the visitor center, dive shop, and trail in the Florida Keys. Project cost: \$100,000.

**Apalachee Parkway Sidewalk, Leon County, Florida-** Performed stormwater design, sidewalk layout, plans production, and permitting for the addition of 2,100 linear feet of sidewalk for the City of Tallahassee. Project cost: \$200,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida –** assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

134 North Flagler Ave. Pompano Beach, FL 33060

PHONE: (954) 678-9916 - FAX: (850) 224-0505

### ***Andre C. Vaillancourt, P.E.***

Mr. Vaillancourt is a civil engineer with more than 40 years of experience in maintenance, construction and structural engineering. Mr. Vaillancourt's engineering experience includes the preparation of design documentation as well as supervision of construction and maintenance activities for the Florida, as well as Vermont, Departments of Transportation. Mr. Vaillancourt has had extensive experience in the inspection, rehabilitation and design of widening and new bridge structures.

Mr. Vaillancourt is responsible for the quality control on all bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project.

**Education:** B.S. Civil Engineering  
New England College  
Graduate Studies at Florida State University

**Registration:** Florida PE #15997

#### **Experience:**

Over the past two years Mr. Vaillancourt has been providing bridge design and construction engineering services for our clients. The following projects represent the most recent *relevant construction and inspection* experience performed by Mr. Vaillancourt:

**Channel Two Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Bow Channel Historic Bridge Inspection and Rehabilitation, Florida Keys, Monroe County** - Design Engineer responsible for the inspection and rehabilitation plans for a 1,302 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Rehabilitation plans included the use of near surface tension reinforcement with carbon fiber. Project Cost: \$3.5 Million.

**State of Florida, Department of Transportation:** Operations Division, Assistant Residence Maintenance Engineer, Palm Beach County. Responsible for unit's engineering services section consisting of maintenance contract administration, maintenance management systems, claims investigation, roadway characteristics inventory, safety, permits, automotive repair shop, and served as the Resident Maintenance Engineer in his absence.

**State of Florida, Department of Transportation:** Supervisor of unit consisting of five engineering and eight technical positions. Directly responsible for the Bridge Inspection Program in the seven counties of the 4th District including reviewing and signing as confirming Professional Engineer on all Bridge Inspection Reports which identify deficiencies and make recommendations for repairs and establish load ratings for the 850± structures on the State System.



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

*Carlos Campos, E.I.*  
*Project Designer*

Mr. Campos is a Project Designer with experience in roadway, drainage and structural design, plans production using Microstation/Geopak and construction administration.

**Education:** A.S. Civil Engineering Technology, 2004  
Tallahassee Community College, Florida  
B.S. Civil Engineering, 2008  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Registration:** Florida EI #1100013567

**Years Experience with Current Firm:** 6  
**Years Experience Total:** 6

### **Detailed Project Experience:**

**Timberlane and Timberlane School Road Intersection Improvements, Leon County, Florida** – Assisted in the construction oversight on an intersection improvement project including sidewalks, storm drains, stormwater pond and the installation of approximately 200 linear feet of anchored sheet pile retaining wall. Specific tasks included oversight mill and resurfacing operations, inspection of paving operations and coordination with utility companies. Project cost: \$700,000

**Lake Henrietta Pedestrian Bridge and Trail, Leon County, Florida**– Assisted in the construction inspection of 200 feet of elevated wooden boardwalk, paved bike trail and 100 foot long steel girder bridge. Specific tasks included oversight of drilled shaft pile installation operations, steel girder installation, boardwalk construction and inspection of cast in place bridge caps and deck. Project cost: \$300,000

**Florida River Island Bridge, Liberty County, Florida**– Assisted in the construction inspection of a 180 foot long, simple span Type II Girder bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, AASHTO girder installation, inspection of cast in place bridge caps, barrier wall and deck, and inspection of approach work. Project cost: \$1.3 Million

**Bald Point State Park, Franklin County, Florida**– Assisted in the construction inspection of a single span 100 foot long steel truss bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, sheet pile wall installation, bridge construction and inspection of cast in place bridge caps, barrier wall and deck. Project cost: \$700,000.

**Smith Creek Road Bridge over Black Creek, Leon County, Florida**– Assisted in the construction inspection of the rehabilitation of a 105 foot long flat slab bridge. Specific tasks included oversight of helical pile installation, pile jackets and bridge deck rehabilitation. Project cost: \$70,000

**Aeon Church Road Sidewalk Project, Leon County, Florida**– Assisted in the construction oversight of ½ mile of sidewalk construction in an urban environment. Tasks included construction inspection of

gravity wall installation, sidewalk construction, rail installation and driveway installation. Project cost: \$300,000

**Meginnis Arm Spillway Project, Leon County, Florida**– Assisted in the construction oversight of a 180 foot long concrete spillway. Specific duties included mix design review, review of soil testing data, review of density test data, inspection of reinforcement placement, inspection of joint seals placement. Project cost: \$60,000

**Pimlico Road Project, Leon County Florida**– Assisted in the construction inspection of an intersection improvement. Specific duties included inspection of box culvert installation, sidewalk installation, guardrail installation and inspection of the roadway construction operations. Project cost: \$60,000.

**Fairbanks Ferry Road Bus Turnaround Project, Leon County, Florida**– Assisted in the construction oversight of a paved bus turnaround. Tasks included construction inspection of concrete sheet pile installation, inspection of the stormwater management facility and inspection of roadway paving operations. Project cost: \$100,000.





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Samantha Kaparos***

*Staff Engineer*

Ms. Kaparos is a Staff Engineer with Registe, Sliger Engineering, Inc. with experience in structural and drainage design.

**Education:** B.S. Civil Engineering, 2010  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience With Firm: 1**

**Years Experience Total: 1**

#### **Detailed Project Experience:**

**Atlantic Ridge Preserve State Park** – Engineer intern responsible for the design and plans preparation for the day use facility. Work included preparation of design calculations and plans. Project cost: \$80,000

**Lauder Pond Embankment Seepage Investigation, Leon County, Florida** – Assisted with design, plan preparation and cost estimation of three alternatives to remediate water seepage through and under the embankment along the east side of the stormwater management facility at Lauder Pond. Design cost: \$9,000

**Lafayette Park Retaining Wall, Leon County, Florida** – Assisted with the design and preparation of plans for a reinforced concrete retaining wall at Lafayette Park. Design cost: \$5,000

**Bush Road Over Wrights Creek, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.5 Million.

**Flowing Well over Limestone Branch, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.2 Million.

**US 231 Bridge over Bear Creek, Bay County, Florida** – Assisted with load rating of the 275 foot steel girder bridge. Design cost: \$12,000.

#### **Professional Affiliations:**

Member, American Society of Civil Engineers  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Larry Tew***

*Senior Designer*

Mr. Tew has over 39 years of experience in the field of highway design, including signing and markings, and signal design for isolated intersections. He has experience on both rural and urban design projects as well as in project management. He also has experience in engineering/land planning including preparation of cure plans for impacted parcels, layout of parking and internal circulation plans, cure plan cost estimates, and quality control of cure plans to insure compliance to local comprehensive land planning requirements. His experience with District 3 of the Florida Department of Transportation and with private consulting firms is summarized as follows:

**Education:** Chipley High School, Chipley Florida, June, 1965

#### **Detailed Project Experience:**

Design Engineer in charge of the following projects with closed drainage systems, pedestrian and bike features, stormwater management facilities, signalized intersections, sensitive environmental issues, complex construction sequence phasing and traffic control designs, and extensive utility conflicts:

- **SR 30 (U.S. 98)**, San Destin FL: From end of four lane to 0.6 mile west of Mack Bayou Road. \$1 Million.
- **SR 173 (Blue Angel Parkway)**, Pensacola, FL: From U.S. 98 to Saufley Road. \$1.1 Million.
- **Twenty Third Street**, Panama City, FL: A 1.6 mile major urban multi-lane project from U.S. 98 to Beck Avenue. \$1.5 Million.

**Thomasville Road Flyover Project**, Tallahassee, FL: A major project that was done under extreme time restraints. Served as Project Manager. \$6 Million.

**SR8 (I-10) Interstate Rehabilitation Projects:** Served as Design Engineer in charge of most of these projects that were done by FDOT District Three personnel from 1985 to 1995. Listed below are a few of these projects.

- From Santa Rosa County Line to 0.6 mile west of Yellow River. \$750,000.
- From 0.3 mile east of CR 183 to Holmes County Line. \$1.1 Million.
- From 0.6 mile west of CR65 to 0.5 mile west of SR 267. \$1.3 Million.
- From Walton County Line to Choctawhatchee River. \$1.5 Million.
- From 4.2 miles east of SR 71 to 1.5 miles east of CR 69A. \$1.4 Million.
- From Washington County Line to 1 mile west of SR 276. \$1.4 Million
- Perdido River Bridge. \$8 Million.
- From 0.6 mile east of SR 57 to Madison County Line. \$1.7 Million.

**Projects designed to comply with FDOT RRR criteria, some of which were intersection improvement with lane additions and signalization.**

- **SR 10**, Walton County: A 14.7 mile resurfacing and safety improvement project. \$4.5 Million.
- **SR 63**, Leon County: a 1.7 mile multi-lane urban resurfacing with pedestrian facility upgrade and signal loop replacements. \$600,000.
- **SR 12**, Gadsden County: R/R Crossing improvement. \$500,000.
- **Holmes County**, Countywide Guardrail installation project for approximately 80 locations. \$300,000.
- **SR 95**, Escambia County: Intersection improvement at CR 184/Beck's Lake Road. Included lane additions and signal with preemption features. \$800,000.
- **SR 75**, Cottdonale FL: R / R Crossing improvement and signal with preemption features. \$750,000.
- **SR 85**, Ft. Walton, FL: Drainage improvements. \$500,000.



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Brett Williams***

*Senior Engineering Technician*

Mr. Williams is an Engineering Technician for Registe, Sliger Engineering, Inc. with a wide variety of CADD experience, covering a wide range of bridge and highway projects. Mr. Williams is proficient in the use of Computer Aided Design software packages such as: Microstation/Geopak and AutoCAD computer systems.

**Years Experience with Current Firm: 3.5**

**Years Experience Total: 6**

#### **Detailed Project Experience:**

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two cell concrete box structure. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two-span, flat slab structure. Project Cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Technician responsible for the plans preparation for a 100 ft wooden bridge and a 60 ft long wooden bridge. Work included preparation of construction documents. Project cost: \$200,000.

**Florida Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Technician responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Project Cost: \$2.5 - \$3.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Technician responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project Cost: \$1.3 Million.

**Timberlane and Timberlane School Rd. Intersection Improvements, Leon County, Florida** – Technician responsible for the preliminary plans production for an intersection improvement project. Project Cost \$700,000.

**Ft Cooper State Park, Bike Trail, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance for one mile of multi use trail. Project cost: \$60,000

**Ft Cooper State Park, Invasive Species Site, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance of a 1.5 acre commercial site. Project cost: \$450,000



**APPENDIX B**  
**SUBCONSULTANTS**



**DANTIN  
CONSULTING, LLC**



Debbie M. Dantin is a registered professional engineer, and has over twenty-four (24) years of transportation planning and engineering experience in Florida and Georgia. Her hands-on experience is diverse in traffic operations, signalization/ITS, transportation policy development, transportation concurrency, traffic impact studies, multi-modal transportation master plans, corridor and mobility studies, developments of regional impacts (DRI), planned unit developments (PUD), design standards, expert witness testimony, roadway corridor studies, preliminary design and environmental (PD&E) studies, access management/permitting, traffic calming, regional bicycle and pedestrian plans, and parking and circulation studies.

Ms. Dantin is President of Dantin Consulting formed in March 2009, a DBE firm certified with FDOT, State of Florida and various local governments in Florida. She has both public and private sector experience; Senior Vice President/owner of Genesis Group from 2001-2009 where she began statewide transportation engineering and planning services; and ten (10) years with the City of Tallahassee serving as City Traffic Engineer of Tallahassee from 1995-2001. Ms. Dantin has managed capital projects up to \$8.5M and directed over 50 full time personnel. Prior to coming to Tallahassee, she worked for a large private consulting firm in Dallas, Texas where she began in roadway and drainage design/analysis projects, D/FW airport taxiway design and the McKinney Avenue trolley project, and was involved in various transportation master planning projects for regional or large communities, along with various traffic operational analyses.

With her strong commitment to outstanding/detailed quality control, project scheduling and attention to budgets from start-to-finish on all projects; she has successfully achieved Client satisfaction for their various transportation needs. Ms. Dantin's emphasis is on improved transportation system operations/management, in addition to planning integrated multi-modal transportation and land use planning to create a sustainable environment with reduced motor vehicle dependency, vehicle miles traveled (VMT) and greenhouse gas (GHG) emissions.



Certifies that

**DANTIN CONSULTING, LLC**

is recognized as a  
Minority/ Women-Owned Business Enterprise under the  
Leon County and the City of Tallahassee Consortium  
Inter-local Agreement

For a period of two (2) years beginning

May 5, 2009 to May 4, 2011

**Iranetta D. Burnett, Leon County MWSBE Director**



**MILLER'S  
TREE SERVICE**



March 13, 2011

Danielle Marrero  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough St.  
Tallahassee, FL 32303

Re: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC03-17-11-25 Civil Engineering Services, Continuing Supply

Dear Danielle,

This letter confirms our commitment to provide mitigation services and certified arborist services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. If you have any other questions, please give me a call.

Sincerely,

Clay Culpepper  
Gibbs & Culpepper Tree Service  
(now Miller's Tree Service)  
Certified Arborist FL5924A  
850-566-7881

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Lay Culpepper</b>	13. ROLE IN THIS CONTRACT <b>Certified Arborist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>5</b>	b. WITH CURRENT FIRM <b>5</b>
15. FIRM NAME AND LOCATION (City and State) <b>Gibbs/Culpepper Tree Svc (now Miller's Tree Service) Tallahassee, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science in Commerce and Business Administration, with distinction. Accounting.  Masters Degree in Tax Accounting.</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>State of Florida Certified Arborist, FL5924A</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>President, Tallahassee Young Entrepreneurs Organization, 2011 Voted Best Tree Service in Tallahassee, 2008-2010</b>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES		CONSTRUCTION (if applicable)	
		2009	2010	2009	2010
Supreme Court Bldg Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a very highly scrutinized water intrusion project at the Supreme Court Building where we mitigated 4 very large live oaks to protect them during this 2 year project. Our Cost: \$30,000					
Evening Rose Development Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a new development at the corner of Mahan and Capital Cr NW where LIRD certification and "green" concepts were the focus. We performed mitigation and on going arborist services for the contractor and developer over a 4 year period. Cost: \$200,000.					
Kohl's Store Fort Walton, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new Kohl's. We mitigated approximately 30 trees in the new proposed parking lot and around the proposed building. Cost: \$20,000					
Florida Sheriffs Association Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new building around 7-8 very large live oaks. We mitigated all the trees to prepare them for the impacts of construction. cost: \$8,000					
Many newly constructed homes Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for many local newly constructed homes where we prepare mitigation plans and implement them to protect the trees on the site from the impacts of construction. Average Cost: \$2,000 per site					



**Registe, Sliger  
Engineering, Inc.**



**ENVIRONMENTAL &  
GEOTECHNICAL  
SPECIALISTS, INC.**



ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.

March 3, 2011

Registe, Sliger Engineering, Inc.  
1427 North Bronough Street  
Tallahassee, FL 32303

**ATTN:** Jacques Registe, P.E.  
President

**RE:** Letter of Commitment  
Leon County Proposal Number: BC-03-17-11-25  
Civil Engineering Services Continuing Supply

Dear Jacques:

On behalf of Environmental and Geotechnical Specialists, Inc. (EGS), I am pleased to be part of the Registe, Sliger Engineering, Inc. team to perform geotechnical services as needed for the above referenced proposal. I confirm our commitment to meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective investigations and deliverables to you and your client. Further, these projects will have our highest priority with respect to scheduling staff and resources.

EGS is a Minority Business Enterprise (MBE) registered with Leon County and the City of Tallahassee. I have attached proof of our certification.

EGS looks forward to working with you and the Leon County Board of County Commissioners. If you have any questions or need additional information, please contact me at (850) 386-1253.

Very truly yours,

**Environmental and Geotechnical Specialists, Inc.**

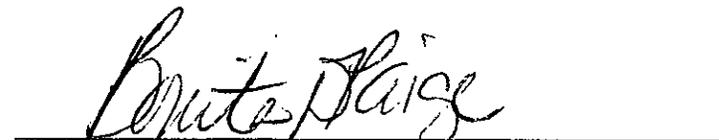
Judith M. Hayden, P.E.  
President



This certifies that  
**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALTIES, INCORPORATED**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**May 18, 2010 to May 31, 2011**

  
\_\_\_\_\_  
MBE Administrator

  
\_\_\_\_\_  
Certification Specialist

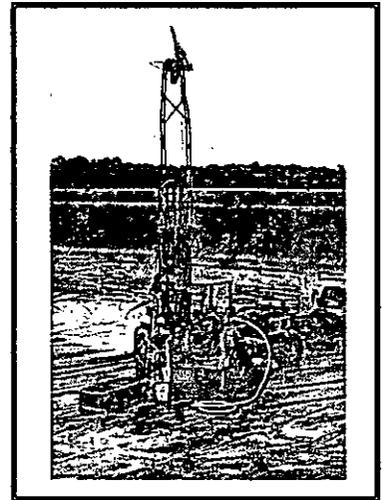
H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

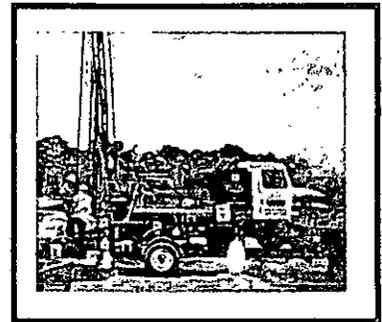
The M/DBE firm of Environmental and Geotechnical Specialists, Inc. (EGS) will be providing specialty services to the design team. EGS is highly qualified and has an outstanding work experience within the panhandle of Northwest Florida. EGS specializes in the areas of wetland permitting, environmental site assessments and geotechnical investigations and designs. The staff at EGS has been providing professional services since 1992. EGS is dedicated to providing exceptional services at competitive rates.



EGS is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS's professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services.



EGS also has a professional and knowledgeable staff experienced in providing environmental assessments and engineering solutions to various construction related environmental problems encountered during the planning, engineering and design phase of the projects. EGS's staff is familiar with the regulatory requirements of the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the Northwest Florida Water Management District. The results of EGS's investigations are presented in a focused engineering report prepared by a licensed professional engineer.



The staff at EGS is committed to satisfy the needs of their clients on all aspects of an assigned task. EGS will meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective testing and deliverables. Further, the projects will have our highest priority with respect to scheduling staff and resources. EGS will pledge to go the "extra mile" to meet the needs and expectations of the project.



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

*Judith M. Hayden*

32. DATE

Sept. 14, 2009

33. NAME AND TITLE

Judith M. Hayden, P.E., President

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Myron L. Hayden, Ph.D., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Tri-State Univ., 1974 Master of Science - Civil Engineering, Oklahoma State Univ., 1975 Doctor of Philosophy - Geotechnical Engineering, Oklahoma State Univ., 1978	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 34067, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Florida Engineering Society (Elected Fellow, Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Society of Civil Engineers (Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Public Works Association

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>General Service Contract</b> City of Tallahassee, Public Works Dept.	On-going	On-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Serve as project manager for miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the Geotechnical analysis for the construction of new roadway, mast arm installation, slope evaluations, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.		
<b>General Service Contract</b> Florida Dept. of Transportation, District 3, Chipley, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Provide miscellaneous services to the Florida Department of Transportation under a General Service Agreement. The tasks have included the geotechnical analysis for roadway design, culvert extensions, bridge foundations, bridge repair, mast arm installation, slope evaluations, base failures, lane additions and stormwater pond designs.		
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Provided the detailed geotechnical design services for the construction of two (2) day tanks to be constructed at the TPS Water Reclamation Facility. The investigation included an evaluation of potential karst features, foundation design recommendations, and construction concerns. Also provided the detailed geotechnical design for the upgrade of facility.		
<b>Capital Cascade Trail Park - Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. The Capital Cascade Trail project is a flood relief and greenways plan for a 5.2 mile corridor through Tallahassee, Florida. This project includes the planning and design for trails, parks, pedestrian bridges, and greenway amenities in combination with the stormwater aspect of flood control for the St. Augustine Branch and the Central Drainage Ditch EGS worked with the Genesis Group to provide the foundation designs for the various aspects of the project.		
<b>McKeithen Road Improvements Project</b> City of Tallahassee, Public Works Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Conducted the geotechnical investigation for the widening of five (5) segments of the Capital Circle widening project. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, stormwater treatment facilities and the remediation recommendations for karst features.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Derwood C. Sheppard, Jr., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Florida State University, 2003	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 69228, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
American Society of Civil Engineers  
Florida Engineering Society

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) On-Going

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
a. Served as the project engineer for the design of the proposed improvements to the Thomas P. Smith Wastewater Treatment Facility. The project included the design of various structures and foundations ranging from shallow spread footings, mat foundations and deep soil improvements.  Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>Capital Cascade Trail Park – Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) On-Going

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
b. Served as the project engineer for the geotechnical investigation of Capital Cascade Trail Park. The project has included the design of retaining walls, culvert structures, pedestrian bridges, water features, stormwater ponds and realigned roadways.  Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>Connie Drive Flood Relief</b> City of Tallahassee, Public Works Dept.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
c. Served as the project engineer for the geotechnical investigation of Connie Drive Flood Relief improvements project. The project included the suitable mater determination for drainage lines and culverts and the geotechnical design parameters for the construction of box culverts and an earthen dam.  Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>Capital Circle Widening</b> Blueprint 2000 and Beyond, Tallahassee, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable) On-Going

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
d. Served the project engineer for the geotechnical investigation of Capital Circle Southeast Roadway Improvements project for 2 segments of the roadway (Connie Drive to Tram Road, and Tram Road to Woodville Highway). The project included the design analysis of new roadway, and stormwater ponds as well as the slope stability associated with the existing embankments.  Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>McKeithen Road</b> City of Tallahassee, Public Works Dept.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
e. Assisted with the geotechnical investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included roadway design with curb and gutter, culvert extensions, and stormwater treatment and attenuations facilities. In addition, the project included an investigation for karst features.  Check if project performed with current firm

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Thomas H. Hayden, P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, University of South Florida, 2003	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 67492, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
American Society of Civil Engineers (Pres: Big Bend Chapter 2008) (Young Engineer of the Year 2008)  
Florida Engineering Society

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>John's Building, UST Removal</b> City of Tallahassee, Public Works Dept., Real Estate Div.	2009	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Supervised the underground storage tank removal for the City of Tallahassee at the John's Building. The project included the removal, removal of contaminated soil, CEI Inspection, environmental sampling and analysis, and well closure.		
<b>Lake Bradford Lift Station</b> City of Tallahassee, Water Utility Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Assisted in the geotechnical investigation for the Lake Bradford Lift Station. This project included the development of the geotechnical design parameters and recommendations for the construction considerations for the proposed construction. Served as field manager for the drilling and laboratory testing associated with the project.		
<b>Providence Neighborhood Enhancement-Pavement Design</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Project manager for the pavement core and condition survey for the Providence Neighborhood Improvements Project. This project included the pavement core and condition survey, the base, subgrade and embankment compaction analysis, bituminous design parameters and construction considerations for the proposed improvements.		
<b>Tom Brown Park – Tennis Court Rehabilitation</b> City of Tallahassee, Parks, Recreation and Neighborhood Affairs Dept	2009	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Assisting the City of Tallahassee with the analysis for the pavement failure at the Tom Brown Park Tennis Court Complex. The project included the subsurface investigation, field and laboratory compaction analysis, bituminous evaluations, and design recommendations for the proposed project.		
<b>Capital Circle Force Main By-Pass</b> City of Tallahassee, Water Utility Dept.	2006	2007
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Supervised the field work required for the installation of soil borings for the construction of a force main from Miccosukee Road to Eliza Road. The project included marking the boring locations, receiving utility clearance, conducting laboratory testing and preparation of the geotechnical report with design and construction recommendations.		



**APPENDIX C**

**PROJECT  
INFORMATION FORMS**



**Traffic Studies, Concurrency & Intersection Design Experience**  
**LEON COUNTY CONT. ENGINEERING SERVICES 3/11**  
**Debbie M. Dantin, P.E.**

1. Project Name/Location: Pisgah Church @ Bradfordville Roads Signal Warrant Update  
Leon County, FL

Description: Prepared an updated signal warrant study and turn lane analysis for Leon County Public Works, Ms. Kimberly Wood, P.E..

Client Information: Registe and Sliger Engineering, Inc.  
Jacques Registe, P.E.  
1427 N. Bronough St.  
Tallahassee, FL 32303  
(850) 894-4521

Fee: \$5,000.00

Project Completion Date: 7/2010

Construction Complete Date: N/A

2. Project Name/Location: Bannerman Road @ Reynolds Drive Turn Lane Analysis  
Leon County, FL

Description: Data collection and field assessment for left turn need along Bannerman Road for Leon County Public Works, Mr. Charles Wu, P.E.. Included signal timing and vehicle queue analysis at nearby Tekesta Drive/Bannerman Road signalized intersection and preparation of a draft concept plan.

Client Information: Registe and Sliger Engineering, Inc.  
Jacques Registe, P.E.  
1427 N. Bronough St.  
Tallahassee, FL 32303  
(850) 894-4521

Fee: \$2,800.00

Project Completion Date: 6/2010

Construction Complete Date: N/A

3. Project Name/Location: Southwood Plantation Road/Old St. Augustine Road Signal  
Warrant Study, Leon County

Description: An analysis was conducted to assess safety conditions, sight distance and immediate/future traffic control needs for this intersection. A multi-way stop condition, overhead flasher and full signal were investigated for this intersection to improve safety to the back entrance to SouthWood Plantation.

Client Information: Joseph L. Brown, II, P.E.  
Chief of Engineering Design  
Leon County Public Works Department  
2280 Miccosukee Road  
Tallahassee, FL 32308  
(850) 606-1500

Fee: \$6,500.00

Project Completion Date: 8/08 Construction Complete Date: Est. 6/10

4. Project Name/Location: Old St. Augustine Road/Blair Stone Road Signal Design, Tallahassee, FL

Description: Mast arm signal design for this skewed intersection and along a canopy road. Consideration of turn lane improvements along St. Augustine Road proposed by Leon County and future consideration of an added northbound lane along Blair Stone Road by others.

Client Information: Joseph L. Brown, II, P.E.  
Chief of Engineering Design  
Leon County Public Works Department  
2280 Miccosukee Road  
Tallahassee, FL 32308  
(850) 606-1500

Fee: \$20,000.00

Project Completion Date: 6/08 Construction Complete Date: Pending

5. Project Name/Location: Mahan Drive Corridor Management Study, Leon County, FL

Description: Traffic and land use analysis for this 3.5 mile arterial roadway owned/maintained by FDOT, between Dempsey Mayo and I-10, to assist Leon County in preparing for land development pressures when Mahan Drive is widened to 4 lanes. Short-term and long-term multi-modal transportation improvements, development of new zoning categories including residential corridor node for neighborhood commercial with transit, bicycle, pedestrian and roadway design standards. Conducted a build out traffic analysis, enhanced access management, trails, interconnectivity, traffic calming, and maintain aesthetically pleasing gateway into Leon County.

Client Information: Joseph L. Brown, II, P.E.  
Chief of Engineering Design

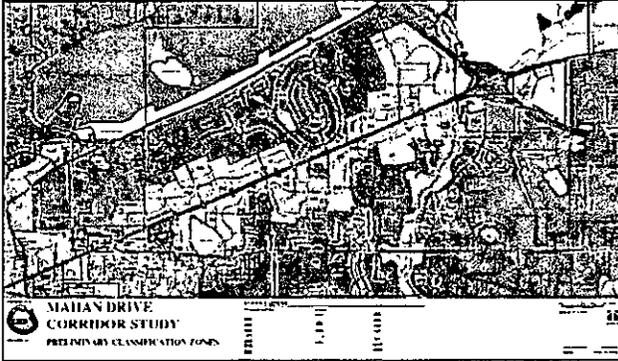
Leon County Public Works Department  
2280 Miccosukee Road  
Tallahassee, FL 32308  
(850) 606-1500

Fee: \$100,000.00

Project Completion Date: 12/05

Construction Complete Date: 2011

Photos:



6. Project Name/Location: Beech Ridge Road Extension, Leon County, FL

Description: Prepared forecasted traffic conditions for the new roadway, proposed adjacent development and diverted traffic patterns in the area surrounding Bannerman Road, Kinhega Drive and the existing Beech Ridge Road. Signal warrant analysis was conducted for a new intersection along Bannerman Road at Beech Ridge Road. An operational comparative analysis was conducted for an improved Kinhega Drive/Beech Ridge Road intersection for a roundabout and traffic signal. Turn lane, roadway geometric and vehicle queuing were reviewed for both the Bannerman Road and Kinhega Drive intersections. Coordination was conducted with County staff, County Commissioners and meetings held with board members of the Killearn Lakes Homeowners Association.

Client Information: Joseph L. Brown, II, P.E.  
Chief of Engineering Design  
Leon County Public Works Department  
2280 Miccosukee Road  
Tallahassee, FL 32308  
(850) 606-1500

Fee: \$15,000.00

Project Completion Date: 4/09

Construction Complete Date: Pending

7. Project Name/Location: Leon County Schools Transportation & CNG Facility  
Leon County, FL

Description: Access management variance with FDOT along SIS facility for full median opening and future signal along Capital Circle NE at Moore Circle South. Transportation concurrency analysis for bus storage, maintenance

and administrative offices, future operations/construction offices, and Compressed Natural Gas (CNG) facility. Prepared turn lane analyses for FDOT connection permits, signal warrant study, Moore Circle access & utility easement agreement and site plan input related to site circulation & driveway operations/design. Ongoing coordination with LCSB staff, LCS legal representatives, civil designers (NCG), Leon County Public Works, Leon County & City Growth Management, BluePrint for Capital Circle SW improvements and FDOT Maintenance and District 3 Offices. Contract includes future signal design as needed at Moore Circle/CC SW.

Client Information: Leon County Schools  
Mr. Daniel Albritton  
3420 Tharpe Street, Suite 100  
Tallahassee, FL 32303  
(850) 617-5907

Fee: \$60,075.00  
Project Completion Date: 12/11  
Construction Complete Date: May 2013

8. Project Name/Location: FSU Regulatory Sign and Pavement Markings Study

Description: Ms. Dantin conducted all field work to identify the need for signs, stop bars and cross-walks which needed to be installed, replaced or removed to ensure the safety of motoring public within FSU's campus and study area, included review of City and State roadways on the west side of Macomb Street and north of Gaines Street. High priority, urgent sign and pavement marking needs were also identified during field work, and locates were marked in field for all new sign placement. This contract was performed with Genesis Group who also provided GPS work for the signs and stop bars as well as preparing the draft and final reports.

Client Information: Mark Bertolami, R.A.  
Director of Facilities Planning  
109F Mendenhall A  
Tallahassee, FL 32306  
(850) 644-3591  
Fax (850) 644-8351  
[mbertolami@admin.fsu.edu](mailto:mbertolami@admin.fsu.edu)

Fee: Approx. \$50,000.00  
Project Completion Date: April 2009  
Construction Complete Date: Ongoing

9. Project Name/Location: FAMU Way Ext. CSX Rail Crossing Analysis & Permit  
Leon County, FL

Description: Data collection and analysis for complete package and application submittal to obtain permit for a new at grade CSX railroad crossing at FAMU Way Extension. Application includes closure and/or relocation of

existing grade crossing(s). Work through FDOT Central Rail Office and CSX Regional Permits coordinator. Coordination with project representatives and agencies for surrounding projects and impacts including with City staff for FAMU Way design, Gaines Street Revitalization, Capital Cascades Segment 3 (BluePrint) FAMU Way PD&E & operations analysis, St. Marks Trail Extension (Genesis Group), FAMU Master Plan (WPI), Trail Planning (FDEP Greenways & Trails), City Fire and Police Departments and Leon Co. Medical Services.

Client Information: City of Tallahassee  
Mr. Steve Shafer, P.E.  
Capital Projects Manager  
300 S. Adams Street, 3<sup>rd</sup> Floor  
Tallahassee, FL 32301  
(850) 891-8234

Fee: \$33,450.00  
Project Completion Date: July 2011  
Construction Complete Date: August 2015

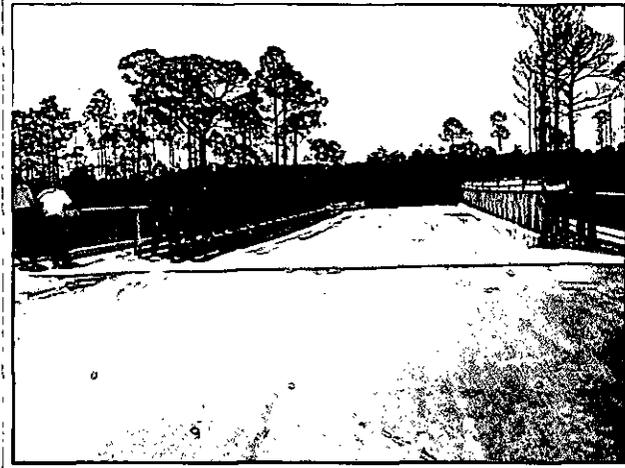
10. Project Name/Location: US Bus. 98 @ 4<sup>th</sup> Street Mast Arm Signal,  
Panama City, FL

Description: Prepare signal design plans for relocating and upgrade existing span wire signal to accommodate intersection safety realignment along Business US 98 Identify turn lane needs onto residential roadway and intersection approach along 4<sup>th</sup> Street. Coordinate with CAD designers at HMM (who prepared signal plans), roadway designers, foundation/structural designers, meetings with FDOT Maintenance and City of Panama City staff. Submittal of 60%, 90%, 100% and Final design plans with review of bid documents prepared by others.

Client Information: Hatch Mott MacDonald  
Mr. Ricky Branton, P.E.  
5111 North 12<sup>th</sup> Avenue  
Pensacola, FL 32504  
(850) 484-6011

Fee: \$12,000.00 (Signal design CADD work provided by HMM)

Project Completion Date: 8/11  
Construction Complete Date: 12/11



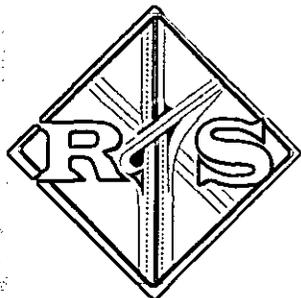
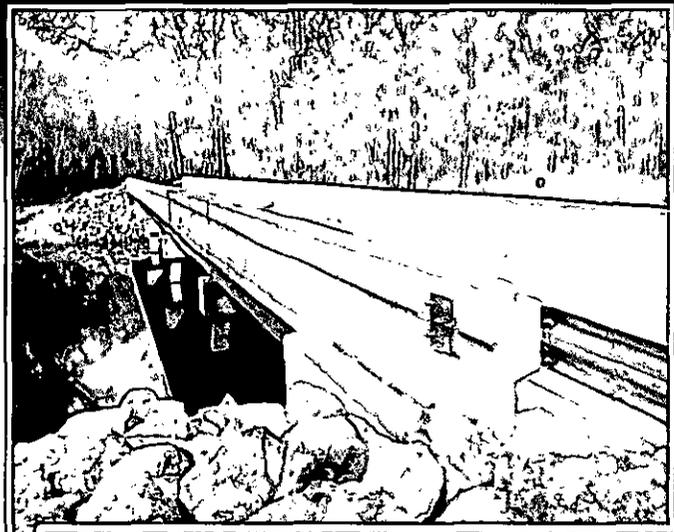
# STRUCTURAL ENGINEERING

## Civil Engineering Services Continuing Supply

Proposal Number: BC-03-17-11-25

Submitted to:  
Leon County Board of  
Commissioners

Submitted by:  
Registe, Sliger  
Engineering, Inc.



March 17, 2011



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**A. INTRODUCTION**

RSE will provide the structural design services for the design team. RSE commits a Tallahassee based staff that is focused on high quality design, cost effective and on-time production for our clients. Our experienced staff of engineers and technicians specialize in all aspects of structural design, construction engineering and inspection services. The firm's staff has been involved in the design, rehabilitation, reconstruction and expansion of many city, county and state projects.

Our design combines grace and function to the structure, keeping ever mindful of the delicate balance between the structure's aesthetics and the surrounding environment. RSE's engineers bring many years of experience and practical knowledge to the design table. We also provide service to the construction industry through our work with contractors in providing construction engineering services to all types of structural construction.

**B. ABILITY OF PROFESSIONAL**

**1. RSE Staff Assigned**

The RSE team is immediately available and committed to the successful execution and delivery of any projects resulting from this contract. It is imperative for RSE to demonstrate to the County that it will respond rapidly, provide ample personnel and resources, perform in a technically competent manner and maintain complete project integrity, including services that are on time and within budget.

The following RSE staff members will be assigned to this contract, as well as availability to provide services on small to medium sized contracts:

RSE Staff Member	Availability
Jacques Registe, P.E.	40%
John F. Sliger, II, P.E.	60%
Andre Vaillancourt, P.E.	30%
Mary Persson, P.E.	25%
Danielle Marrero, P.E.	65%
Carlos Campos, E.I.	75%
Larry Tew	25%
Samantha Kaparos	75%
Brett Williams	50%

Detailed resumes for each staff member can be found in **Appendix A.**

**2. Subconsultants**

The scope of work anticipated under this work category calls for a diverse group of professionals to successfully evaluate, and then design the required construction documents for the County. The firms making up the RSE Team have sufficient staff and available manpower to adequately handle the expected workload requirements from each project. RSE enjoys a solid working relationship with all of the proposed subconsultants and has a proven track record of successful projects.

**Nobles Consulting Group, Inc.**

Nobles Consulting Group, Inc. (NCG) is a leading consulting firm of professionals who provide land surveying and mapping throughout the southeastern United States. Since its founding in 1980, NCG has specialized in creating design solutions using some of the most significant advances in technology including Terrestrial Laser Scanning, Robotic Total Stations and GPS. NCG will be responsible for all surveying tasks on the contract.

**Environmental & Geotechnical Specialists, Inc.**

Environmental & Geotechnical Specialists, Inc. (EGS) is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS' professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services. EGS will be providing all geotechnical engineering related services for this contract.

**Miller's Tree Service**

Miller's Tree Service is a locally owned and operated full service tree care business servicing greater Tallahassee and the surrounding areas. Their number-one objective is to ensure that each and every customer is satisfied with the level of service provided. Miller's Tree Service strives to meet their customer's needs and expectations by offering services that are reliable, professional and committed to excellence. Over the years, they have developed and maintained strong ties to the community as well as their customers because of their efforts; they stand behind their work. Miller's Tree Service puts the needs of the customers first and foremost.



All information on subconsultants, including commitment letters and SF 330 forms, can be found in **Appendix B**.

**C. PAST PROJECT EXPERIENCE**

RSE has been providing quality structural engineering services since 2002. Information regarding ten of the latest structural projects can be found on the Project Information Sheets in **Appendix C**.

**D. CURRENT PROJECTS**

RSE is currently under contract on a few structural projects for clients such as the Florida Department of Transportation (FDOT) and the City of Tallahassee (COT). However, the schedule and scope of work for current contracts allows flexibility to accommodate any projects that may arise from this contract.

**Mathes Property Proposed Lift Station Deck Analysis Tallahassee, Florida**

**Client:** City of Tallahassee, Underground Utilities Department

**Description:** The purpose of this project is to develop and analyze five deck alternatives for a proposed lift station at the Mathes Property and to determine the most cost effective alternate. The five alternates considered were: 6" Cast-in-Place slab with beam, fiberglass grate, steel grate, aluminum grate and composite Trex decking. It was assumed the foundation for each alternative will be the same. A report summarizing the findings and recommendations will be provided as the final project deliverable.

**Anticipated Completion Date:** July 2011

**Shamrock North at Edenberry Drive Tallahassee, Florida**

**Client:** City of Tallahassee, Underground Utilities Department, Stormwater Management

**Description:** The purpose of this project is to design wall posts and steel fencing to replace a 50 foot portion of an existing wall that was removed for stormwater improvements. Hydrostatic forces will be calculated by RSE with flow velocities provided by the City.

**Anticipated Completion Date:** April 2011

**Bush Road over Wrights Creek Bridge Replacement Holmes County, Florida**

**Client:** Florida Department of Transportation, District 3

**Description:** The purpose of this project is to replace the existing structurally deficient timber bridge (No. 524402) on Bush Road over Wrights Creek. The project includes development of the Bridge Hydraulics Report (BHR), Bridge Development Report (BDR), wetland delineation, survey, right of way acquisition, correcting horizontal and vertical deficiencies in existing road, bridge design and permitting.

**Anticipated Completion Date:** November 2011

**Flowing Well Road over Limestone Branch Bridge Replacement**

**Holmes County, Florida**

**Client:** Florida Department of Transportation, District 3

**Description:** The purpose of this project is to replace the existing structurally deficient timber bridge (No. 524119) on Flowing Well Road over Limestone Branch. The project includes development of the Bridge Hydraulics Report (BHR), Bridge Development Report (BDR), wetland delineation, survey, right of way acquisition, correcting horizontal and vertical deficiencies in existing road, bridge design and permitting.

**Anticipated Completion Date:** November 2011

**E. QUALITY CONTROL/QUALITY ASSURANCE**

The RSE approach to Quality Control is to provide complete and accurate project deliverables that are in full compliance with published FDOT and industry standards, the project's requirements and the client's expectations.

RSE understands the County's commitment to quality. RSE's Quality Control Process is implemented to ensure the safety of the public, prevent cost overruns and eliminate delays in the construction process by minimizing errors in the contract documents.

RSE's Quality Process for Leon County projects provide a series of checks and balances, which will enable us to adhere to the policies, standards and accepted practices of Leon County. It also provides an effective tool for enhancing communication among Design Team members.

The RSE Quality Control Process for Leon County projects is essentially a three-level review process in which the plan documents are compared with the various standards to ensure that all requirements have been addressed. Prior to performing the three level reviews, the design engineer and the CADD technician would have already made all their reviews and changes. About three weeks prior to each submittal, the Chief Engineer



performs a Level One review using our own in-house quality checklist. A Level Two peer review is then conducted by an in-house designer. A Level Three review is an independent review conducted by an experienced engineer not working on the project, typically Larry Tew or Andre Vaillancourt, P.E. The Level Three review is not necessary on all projects, depending on project size and complexity.

At the completion of each phase, all design plans will undergo a Level One, Two and Three review. Reviewed copies will be stamped "Check Print". The Project Engineer and subsequently the Level Two and Three reviewers will complete a thorough assessment of the plans' documents utilizing our in-house checklist and their design experience and expertise. All review comments and recommended corrections will be marked in red on the check prints. As each comment and correction is addressed by the Design Team and incorporated into the plans, they will be "highlighted" to assure that all items have been responded to.

The above outlined approach to be used by the RSE Team has proven successful on previous projects. We are confident it will assist us in providing the County with the best possible construction plans and documents for the assignments under this contract.

**F. RESOURCES**

RSE is confident that it can meet and exceed the County's requirements for AutoCAD qualifications, pertaining in particular to the preparation of engineering construction documents. The firm's professional designers have extensive, hands-on knowledge of the tools required to create construction documents. Additionally, RSE currently follows County and FDOT CAD standards, when prescribed.

Like Leon County, RSE supports any and all initiatives that will reduce our carbon footprint and protect the environment. This is evident in our day-to-day practices—for instance, recycle bins accompany all of the printers. RSE uses only recycled content paper to print reports and will print two-sided when feasible.

RSE is an electronically integrated organization, bringing to projects the benefits of electronic/online communications and file access/storage that reduce paper consumption and can eliminate excess travel.

**G. SCHEDULE/BUDGET REQUIREMENTS**

**1. Design Schedule and Budget**

Cost and scheduling control are two of the most important factors in any public sector project. Achieving quality deliverables for the County, on schedule and within budget, requires a combination of several strengths:

- Experience in planning, design, and supporting engineering disciplines
- A talented, cohesive team with all team members equally committed to the success of the project
- The ability to maintain clear, open, and ongoing communications among all team members and with the client

Offering each of these strengths, members of the proposed team are committed to delivering any project under this contract on schedule and within budget.

We recognize how important it is to develop and meet a strong schedule and budget. In developing schedules and budgets that are practical and can be maintained to the benefit of the County, we consider several key factors so that we deliver the most value to the County:

- Produce a clear understanding of the County's expectations and permitting requirements to provide a concise scope of work and design budget. This limits future additional services requests and design budget increases
- Hold bi-weekly production team meetings to prioritize our workloads to meet the County's needs
- Build in appropriate "float" at key tasks for added discussion or, as necessary, restudy to allow us to resolve all issues without falling behind schedule
- Maintain and update a Critical Path Project Schedule to present at regular progress meetings with County staff to keep you informed on important budgeting and scheduling milestones

Our approach for the timely completion of this project revolves around our ability to do the right things at the right time. By performing intensive research and analysis at project commencement, we give our team maximum opportunity to anticipate any "bumps in the road" that we may experience. Doing our homework up front allows us to work around any obstacles that may impede our efforts. It also allows the County to anticipate submission



milestones and review activities. In turn, this enables us to complete this project within the allotted design budget.

**2. Construction Schedule and Budget**

The first item necessary to ensure that project construction costs are within budget is to establish a realistic cost estimate for the project early in the design phase. As the design evolves, the construction cost estimate is updated to reflect the project scale and scope.

As a mechanism for controlling construction costs, RSE holds "value engineering" meetings with our clients to identify design alternatives to help the project maintain construction budget and schedule. Meetings are held at key design phase milestones to allow alternatives to be evaluated and incorporated. Construction cost estimates for various design schemes are calculated and the most cost effective solution that meets the design requirements is recommended to the client for the project.

**3. Long Term Maintenance Cost**

An often overlooked area that can add cost to a project is the long term maintenance cost associated with any public works project. RSE reviews these issues during the design process to ensure that the short term construction and long term maintenance costs are considered during the design phase of the project.

In the past, RSE staff has met with Leon County Operations Personnel onsite to establish the problems associated with the project locations. RSE has then used the information from maintenance staff to ensure that the project is designed with the long term maintenance cost minimized.

**H. WORKLOAD**

RSE's approach to satisfying overload scenarios is multifaceted. It starts with a focused, experienced, and available project team backed by strong subconsultants. Should a situation arise in which additional personnel are required, RSE and its subconsultants are committed to responding accordingly with additional personnel and resources. Again, the proposed project team will devote its time to this project on a first-priority basis.

All projects, large or small, are given the same consideration at RSE with respect to accuracy of design and plans preparation, constructability, efficiency, aesthetics and quality.

**I. PROJECT TEAM LOCATION**

The headquarters of RSE and all our proposed subconsultants for this contract are located in Leon County, Florida. These locally owned businesses create more jobs locally and recycle a large share of their revenue back into the local economy, enriching the whole community. The RSE office is located three miles away from the Leon County Public Works Department, allowing us to provide personalized service in a matter of minutes.

**J. APPROACH TO PROJECT**

Every successful project begins with a meeting with the County staff to gain an understanding of project. RSE staff then meets with state and local permitting agencies, as well as other project stakeholders, to gain an understanding of project complexities and issues. A review is conducted of existing studies or plans, existing soils, floodplain and wetland information. A field review is then held at the project location with the required subconsultants.

Once all existing information has been reviewed, conversations with the County Project Manager are held to establish project deliverables. RSE staff prepares and submits a draft written proposal with associated staff hour estimate to negotiate with the County Project Manager. Revisions are made to the proposal, as required, until a Notice to Proceed (NTP) is issued from the Project Manager.

Once NTP is received from the County Project Manager, subconsultants are informed and mobilized to begin associated tasks. Typically, wetland delineations are started first, followed closely by design and boundary survey tasks and geotechnical, if required. Preliminary design and plans production is started. Progress meetings are held with County staff during design. They are arranged to ensure project deliverables meet scope requirements. Submittals are typically phased, or as negotiated in initial proposal. Pre-application meetings with permitting agencies are handled prior to 60% or Phase II submittal. Permit drawings are submitted to permitting agencies after 90% or Phase III. Final plans are checked to ensure that construction documents reflect permit conditions. Cost estimates are submitted during 60%, 90% and final plans.



RSE provides full construction assistance to the County, when requested. Services may include bid preparation assistance, responding to requests for information from contractors, value engineering, construction inspections, shop drawing review and approval and final punch lists for contract close-out.



**APPENDIX A**

**RESUMES**



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Jacques Registe, P.E.***

*Senior Structural Engineer, President*

Mr. Registe is a civil engineer for Registe, Sliger Engineering, Inc. with more than 26 years of experience in both the general civil and structural engineering fields including roadway and bridge design, drainage design and permitting. Mr. Registe's engineering experience includes the preparation of design and permit documentation for many projects throughout the State of Florida. His professional experience has been acquired through multiple project responsibilities involving comprehensive analysis, engineering and design tasks for both roadway and bridge projects. His years of experience have been almost exclusively in the State of Florida where Mr. Registe enjoys an exemplary reputation for quality and on-time work.

Mr. Registe is responsible for the design, plans production and preparation of construction documents for all highway and bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project. He is certified in Advanced Maintenance of Traffic for FDOT projects.

**Education:** M.S. Civil Engineering, 1989  
FAMU/FSU, Tallahassee, Florida  
B.S., Civil Engineering, 1985  
FAMU/FSU, Tallahassee, Florida  
License, Civil Engineering, 1983  
Université Roi Henry Christophe, Cap Haitien, Haiti

**Registrations:** Florida PE #43397  
Georgia PE #27712

**Years Experience with Current Firm:** 9

**Years Experience Total:** 26

#### **Detailed Project Experience:**

**District-Wide Engineering Design Projects, District III, FDOT, Florida** – Project Manager for these projects which included intersection design, traffic operations design, signal design, drainage design, permitting and highway design. The contract totaled \$500,000 and consisted of an assignment of work orders by the client. Responsibilities included the preparation of detailed scope of services and associated fees, interfacing with management, technical staff and permitting agencies as well as detailed design.

**SR 45 (US 41) Design - Bell Lake Road to Suydam Road, Land O' Lakes, Florida** – Project Manager/Project Engineer responsible for providing the final design and plans preparation of this 4.9 kilometer improvement project. The project completed in metric units consisted of reconstruction and replacement of US 41 from Bell Lake Road to CR 583 from 2-lanes rural to 6-lane divided urban arterial highway (3 km) and reconstruction and replacement of US 41 from CR 583 to Suydam Road from 2-lanes rural to a 4-lane divided rural arterial with provision for future widening to 6-lanes. Project cost: \$2.1 Million.

**Florida's Turnpike Widening (Boca Raton Interchange to Atlantic Blvd), Florida** – Project Highway and Bridge Engineer for this project which involved the design of 5.3 miles of Turnpike widening from 4 to 6 lanes including redesign of the Boca Raton Interchange, a 35 year old interchange, to current design

standards. A new bridge was designed at the interchange to span the widened Turnpike. The project also called for a new bridge design at Clint Moore Road, which required a special designed temporary bridge and widening of two additional structures to carry the extended Turnpike roadway. Project cost: \$6.5 Million.

**Bridge Replacement Projects, Group 09-3, FDOT, Florida** – Project Manager for both the new bridge replacement tasks required for the projects in Group 09-3. Work includes the preparation of Typical Section Packages, Drainage and Bridge Hydraulics Reports, roadway and bridge design and plans preparation, utility relocation plans and the development MOT. Project cost: \$952,000.

**CR 269 over the CSX Railroad, Chattahoochee, FDOT, Florida** – Project Engineer for both the 3,000 feet of new roadway on a new alignment and a bridge over the CSX Railroad in Chattahoochee, Florida. Responsible for roadway geometry design and plans preparation, design of an enclosed drainage system, retention pond designs, utility relocation plans and maintenance of traffic plans preparation. Additional tasks include assisting the FDOT with permit application requirements and review of the bridge plans over the CSX Railroad. \$2.1 Million.

**SR 60 Bridge Replacements, Osceola County, Florida** – Served as Project Engineer for the roadway and bridge engineering tasks on the project. Work included roadway reconstruction of 500m to both ends of the two new bridges being designed under this contract. Mr. Registe was responsible for all design and plans preparation for the project. \$950,000.

**H-3 Kaneohe Interchange, Oahu, Hawaii** – Bridge Designer responsible for analysis of the designs of the Ramp B structure and all main line pier segments. The main line consists of twin, parallel post-tensioned concrete box structures approximately 1,700 feet long, built in balanced cantilever. Ramp B is 600 feet long post-tensioned concrete box structure and was built span by span. \$300 Million.

**SR 4 Bridge Replacement over Escambia River, FDOT, Florida** – Provided preliminary and final design calculations and was responsible for the development of construction plans for this bridge replacement project. Produced and/or checked the designs and details of all the structural elements and prepared the computer program input and analyzed the output for geometry, grades, foundations and girder programs. Also generated the final detailed contract plans and material estimates. \$4.25 Million.

### **Professional Affiliations**

American Society of Civil Engineers  
American Society of Highway Engineers





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CIVIL, STRUCTURAL, AND WATER RESOURCES

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### ***John F. Sliger, II, P.E.***

*Vice President, Project Manager*

Mr. Sliger is a structural/civil engineer with a wide variety of experiences in project management as well as structural, highway, water resources and utility engineering since entering the consulting business in 1994. He is an experienced structural and bridge designer, as well as structural inspector. In the past six years, Mr. Sliger has inspected over 60 structures throughout Florida. He is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, RISA 3D finite element software, RAM advanced finite element software and SAP 2000. Mr. Sliger is a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

**Education:** B.S. Civil Engineering  
FAMU/FSU, Tallahassee, Florida, 1995  
Graduate Studies, Florida State University  
Associates of Science in Building Construction Technology, Lake Superior State University

**Registration:** Florida PE #55550

**Years Experience with Current Firm:** 7

**Years Experience Total:** 16

#### **Detailed Project Experience:**

**SR Sea Shell Seawall, Franklin County, Florida** – Designer responsible for the design calculations, plans production and quantity estimate for a 700 foot long concrete seawall. Project cost: \$500,000.

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two cell concrete box structure. Design work included preparation of the Bridge Development Report and structural calculation utilizing the AASHTO LRFD code. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two-span, flat slab structure. Design work included a preparation of the Bridge Development Report and structural design calculations and plans utilizing the AASHTO LRFD code. Project cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Engineer of record for the design and plans preparation for 100 ft and 60 ft long wooden bridges. Work included preparation of design calculations and construction documents. Project cost: \$200,000.

**Florida Keys Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Engineer responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Design

included the use of carbon and glass fiber near surface reinforcement spall repairs. Project cost: \$2.5 - \$3.5 Million.

**Ft. Clinch State Park, Fishing Pier Inspection, Fernandina Beach, Florida** – Engineer responsible for the inspection and rehabilitation design for 3,900 feet long pre-stressed fishing pier. Inspection tasks included underwater, substructure and superstructure of a 2,200 feet long fishing pier. Design plans included pre-stressed slab replacement and rehabilitation, railing enhancements and pile jacks design. Project cost: \$1.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Design Engineer responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the design and construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project cost: \$1.3 Million.

**Smith Creek Bridge Inspection and Rehabilitation, CR375, Leon County, Florida** – Design Engineer responsible for the inspection, load rating and rehabilitation plans for a 125 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Additional items included the design of new pile and pile jacks. Project cost: \$70,000.

**Sand Hill Lakes Mitigation Bank Bridge and Bridge Culverts Design, Washington County, Florida** – Engineer of Record for three steel bridges, two concrete box culverts, associated approach work and bridge hydraulics report utilizing ICPR3. Additional items included bid assistance, construction assistants and inspection to include shop drawing review, site visits and approval of contractors pay request. Project cost: \$500,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail (FM414587-1), Monroe County, Florida** – Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project cost: \$300,000.

**US 41 (SR 45) Bridge over Spring Creek, Collier County, Florida** – Engineer responsible for the review of the bridge hydraulics report, load rating, design calculations and the bridge development report for this bridge replacement project. Prepared the computer input and analyzed the output for the preliminary design and details for the slab and girder structural elements. Project cost: \$1.2 Million.

**John Sims Parkway (SR 85) Bridge and Roadway Improvements, Niceville, Florida** – Engineer responsible for the design and preparation of plans and estimate for the widening to six through-lanes of approximately one mile of a major urban arterial. Design work included a new six-lane, 300 foot span bridge, providing for new turning lanes for two major interchanges, development of vertical and horizontal alignments and superelevation in accordance with current AASHTO standards. Maintenance of Traffic Plans were developed that utilized staged construction in an effort to minimize the impact of construction on extremely large daily traffic volumes. Project cost: \$5 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, American Society of Highway Engineers





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### ***Danielle Marrero, P.E.***

*Project Engineer*

Ms. Marrero is a Project Engineer with a wide variety of experiences in roadway design, water resources and utility engineering. Ms. Marrero offers significant permitting and stormwater design experience in North Florida. She has participated in the infrastructure design for several major residential developments throughout Walton, Wakulla, Jefferson, Jackson and Leon counties, with responsibilities ranging from feasibility analysis to final construction observation services. Ms. Marrero has worked for a variety of clients in both the public and private sectors. She offers extensive experience in permitting projects with the City of Tallahassee, Leon County, Walton County, various Water Management Districts, Florida Department of Environmental Protection (FDEP) and Florida Department of Transportation (FDOT). In addition to being a Registered Professional Engineer in Florida and Mississippi, Ms. Marrero is also a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

Ms. Marrero is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, HEC-RAS, WSPRO, HY-8, ICPR 3 and Ponds drainage design software.

**Education:** B.S. Civil Engineering, Magna Cum Laude  
FAMU/FSU, Tallahassee, Florida, 2003  
Graduate Studies, Florida State University

**Registrations:** Florida PE #66450  
Mississippi PE #19290

**Years Experience With Current Firm:** 2

**Years Experience Total:** 9

#### **Detailed Project Experience:**

**Smith Creek Road Bridge over Black Creek, Leon County, Florida** – Engineer responsible for the HEC-RAS modeling for the bridge hydraulics report for a 125 foot bridge replacement. \$70,000.

**Florida Caverns State Park, Fish Hatchery Road Bridge over the Chipola River, Jackson County, Florida** – Engineer responsible for Bridge Hydraulics Report for bridge replacement project. Tasks included hydraulic modeling utilizing HEC-RAS and HY-8. Project cost: \$10,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida** – assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

**The Preserve at Lindsey Island, Taylor County, Florida** – project manager for this 92-acre, 20-lot subdivision located along the Gulf of Mexico. Coordinated with multiple subconsultants to design a plan that balanced the concerns and requirements of neighboring communities and regulatory agencies.

The design strove to minimize development impacts to pristine wetlands with the confines imposed on the project by regulatory agencies. Project cost: \$400,000.

**Big & Little Talbot Islands and Fort George Island State Parks, Duval County, Florida** - provided feasibility analyses and preliminary designs with cost estimates for five hydrologic restoration projects at three state parks. Responsibilities included evaluating available data resources, data collection programs, developing and calibrating hydrologic and hydraulic models, evaluating the performance of existing and proposed stormwater systems and design of remedial measures, in conjunction with ecological field requirements to restore natural hydrology to ditched and drained ecosystems. Project cost: \$75,000.

**Florida Keys Overseas Heritage Trail (FKOHT), Monroe County, Florida** - project engineer assisting in the design, permitting and construction phase services for several portions of this historic railway system. The client for this project is the FDEP's Office of Greenways and Trails. Funding partners include the Florida Department of Transportation and Monroe County. The projects are part of the 106-mile long FKOHT project that will ultimately connect Key West to Key Largo. The FKOHT was designated as one of three statewide priorities for FDEP under the direction of Governor Jeb Bush. Assisted with the following segments: Project cost: \$2.5 - \$3.5 Million.

- **Lower Sugar Loaf to Summerland Key (US-1 MM 16.5 to 25.5):** drainage design for approximately eight miles of shared use path along US-1 (SR 5) and portions of the old abandoned SR 4A highway.
- **Layton to Channel 5 Bridge (US-1 MM 68.4 to 70.8):** drainage design for approximately two miles of shared use path along US-1 (SR 5).

#### Professional Affiliations

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society

#### Awards and Recognition

*Young Professional of the Year*, American Council of Engineering Companies, 2007  
*Semi-Finalist*, New Faces in Engineering, National Engineers Week Foundation, 2007  
*Young Engineer of the Year*, American Society of Civil Engineers Tallahassee Branch, 2006  
*Finalist*, American Concrete Institute Graduate Studies Fellowship, 2003





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### ***Mary Persson, P.E.***

*Project Engineer*

Ms. Persson is a Project Engineer who lends her expertise to projects encompassing residential, commercial, recreational, and transportation features. She has provided designs for stormwater management systems; both new roadway widening projects; as well as masonry and timber structures. Ms. Persson has participated in the permitting processes for numerous projects and is knowledgeable of the governing structures and requirements that are associated with such projects.

Ms. Persson is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD, MathCAD, RISA, SWMM5 and ASAD software.

**Education:** B.S. Civil Engineering, Cum Laude  
FAMU/FSU, Tallahassee, FL, 2002  
Graduate Studies, Florida State University

**Registration:** Florida PE #67436

**Years Experience With Current Firm:** 1

**Years Experience Total:** 10

#### **Detailed Project Experience:**

**Florida Keys Overseas Heritage Trail, Monroe County, Florida-** Engineer responsible for the trail design and plans production for approximately 10 miles of shared use path for pedestrians and bicyclists along US-1 in the Florida Keys. Project cost: \$2.5 – 3.5 Million.

**John Pennekamp State Park, Monroe County, Florida-** Engineer responsible for the design of ADA improvements for the visitor center, dive shop, and trail in the Florida Keys. Project cost: \$100,000.

**Apalachee Parkway Sidewalk, Leon County, Florida-** Performed stormwater design, sidewalk layout, plans production, and permitting for the addition of 2,100 linear feet of sidewalk for the City of Tallahassee. Project cost: \$200,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida –** assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

134 North Flagler Ave. Pompano Beach, FL 33060

PHONE: (954) 678-9916 - FAX: (850) 224-0505

### ***Andre C. Vaillancourt, P.E.***

Mr. Vaillancourt is a civil engineer with more than 40 years of experience in maintenance, construction and structural engineering. Mr. Vaillancourt's engineering experience includes the preparation of design documentation as well as supervision of construction and maintenance activities for the Florida, as well as Vermont, Departments of Transportation. Mr. Vaillancourt has had extensive experience in the inspection, rehabilitation and design of widening and new bridge structures.

Mr. Vaillancourt is responsible for the quality control on all bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project.

**Education:** B.S. Civil Engineering  
New England College  
Graduate Studies at Florida State University

**Registration:** Florida PE #15997

#### **Experience:**

Over the past two years Mr. Vaillancourt has been providing bridge design and construction engineering services for our clients. The following projects represent the most recent relevant construction and inspection experience performed by Mr. Vaillancourt:

**Channel Two Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Bow Channel Historic Bridge Inspection and Rehabilitation, Florida Keys, Monroe County** - Design Engineer responsible for the inspection and rehabilitation plans for a 1,302 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Rehabilitation plans included the use of near surface tension reinforcement with carbon fiber. Project Cost: \$3.5 Million.

**State of Florida, Department of Transportation:** Operations Division, Assistant Residence Maintenance Engineer, Palm Beach County. Responsible for unit's engineering services section consisting of maintenance contract administration, maintenance management systems, claims investigation, roadway characteristics inventory, safety, permits, automotive repair shop, and served as the Resident Maintenance Engineer in his absence.

**State of Florida, Department of Transportation:** Supervisor of unit consisting of five engineering and eight technical positions. Directly responsible for the Bridge Inspection Program in the seven counties of the 4th District including reviewing and signing as confirming Professional Engineer on all Bridge Inspection Reports which identify deficiencies and make recommendations for repairs and establish load ratings for the 850± structures on the State System.



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***Carlos Campos, E.I.***

*Project Designer*

Mr. Campos is a Project Designer with experience in roadway, drainage and structural design, plans production using Microstation/Geopak and construction administration.

**Education:** A.S. Civil Engineering Technology, 2004  
Tallahassee Community College, Florida  
B.S. Civil Engineering, 2008  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Registration:** Florida EI #1100013567

**Years Experience with Current Firm: 6**

**Years Experience Total: 6**

### **Detailed Project Experience:**

**Timberlane and Timberlane School Road Intersection Improvements, Leon County, Florida –** Assisted in the construction oversight on an intersection improvement project including sidewalks, storm drains, stormwater pond and the installation of approximately 200 linear feet of anchored sheet pile retaining wall. Specific tasks included oversight mill and resurfacing operations, inspection of paving operations and coordination with utility companies. Project cost: \$700,000

**Lake Henrietta Pedestrian Bridge and Trail, Leon County, Florida–** Assisted in the construction inspection of 200 feet of elevated wooden boardwalk, paved bike trail and 100 foot long steel girder bridge. Specific tasks included oversight of drilled shaft pile installation operations, steel girder installation, boardwalk construction and inspection of cast in place bridge caps and deck. Project cost: \$300,000

**Florida River Island Bridge, Liberty County, Florida–** Assisted in the construction inspection of a 180 foot long, simple span Type II Girder bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, AASHTO girder installation, inspection of cast in place bridge caps, barrier wall and deck, and inspection of approach work. Project cost: \$1.3 Million

**Bald Point State Park, Franklin County, Florida–** Assisted in the construction inspection of a single span 100 foot long steel truss bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, sheet pile wall installation, bridge construction and inspection of cast in place bridge caps, barrier wall and deck. Project cost: \$700,000.

**Smith Creek Road Bridge over Black Creek, Leon County, Florida–** Assisted in the construction inspection of the rehabilitation of a 105 foot long flat slab bridge. Specific tasks included oversight of helical pile installation, pile jackets and bridge deck rehabilitation. Project cost: \$70,000

**Aeon Church Road Sidewalk Project, Leon County, Florida–** Assisted in the construction oversight of ½ mile of sidewalk construction in an urban environment. Tasks included construction inspection of

gravity wall installation, sidewalk construction, rail installation and driveway installation. Project cost: \$300,000

**Meginnis Arm Spillway Project, Leon County, Florida**– Assisted in the construction oversight of a 180 foot long concrete spillway. Specific duties included mix design review, review of soil testing data, review of density test data, inspection of reinforcement placement, inspection of joint seals placement. Project cost: \$60,000

**Pimlico Road Project, Leon County Florida**– Assisted in the construction inspection of an intersection improvement. Specific duties included inspection of box culvert installation, sidewalk installation, guardrail installation and inspection of the roadway construction operations. Project cost: \$60,000.

**Fairbanks Ferry Road Bus Turnaround Project, Leon County, Florida**– Assisted in the construction oversight of a paved bus turnaround. Tasks included construction inspection of concrete sheet pile installation, inspection of the stormwater management facility and inspection of roadway paving operations. Project cost: \$100,000.





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### ***Samantha Kaparos*** *Staff Engineer*

Ms. Kaparos is a Staff Engineer with Registe, Sliger Engineering, Inc. with experience in structural and drainage design.

**Education:** B.S. Civil Engineering, 2010  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience With Firm: 1**  
**Years Experience Total: 1**

#### **Detailed Project Experience:**

**Atlantic Ridge Preserve State Park** – Engineer intern responsible for the design and plans preparation for the day use facility. Work included preparation of design calculations and plans. Project cost: \$80,000

**Lauder Pond Embankment Seepage Investigation, Leon County, Florida** – Assisted with design, plan preparation and cost estimation of three alternatives to remediate water seepage through and under the embankment along the east side of the stormwater management facility at Lauder Pond. Design cost: \$9,000

**Lafayette Park Retaining Wall, Leon County, Florida** – Assisted with the design and preparation of plans for a reinforced concrete retaining wall at Lafayette Park. Design cost: \$5,000

**Bush Road Over Wrights Creek, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.5 Million.

**Flowing Well over Limestone Branch, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.2 Million.

**US 231 Bridge over Bear Creek, Bay County, Florida** – Assisted with load rating of the 275 foot steel girder bridge. Design cost: \$12,000.

#### **Professional Affiliations:**

Member, American Society of Civil Engineers  
Member, Florida Engineering Society



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### ***Larry Tew*** *Senior Designer*

Mr. Tew has over 39 years of experience in the field of highway design, including signing and markings, and signal design for isolated intersections. He has experience on both rural and urban design projects as well as in project management. He also has experience in engineering/land planning including preparation of cure plans for impacted parcels, layout of parking and internal circulation plans, cure plan cost estimates, and quality control of cure plans to insure compliance to local comprehensive land planning requirements. His experience with District 3 of the Florida Department of Transportation and with private consulting firms is summarized as follows:

**Education:** Chipley High School, Chipley Florida, June, 1965

#### **Detailed Project Experience:**

Design Engineer in charge of the following projects with closed drainage systems, pedestrian and bike features, stormwater management facilities, signalized intersections, sensitive environmental issues, complex construction sequence phasing and traffic control designs, and extensive utility conflicts:

- **SR 30 (U.S. 98)**, San Destin FL: From end of four lane to 0.6 mile west of Mack Bayou Road. \$1 Million.
- **SR 173 (Blue Angel Parkway)**, Pensacola, FL: From U.S. 98 to Saufley Road. \$1.1 Million.
- **Twenty Third Street**, Panama City, FL: A 1.6 mile major urban multi-lane project from U.S. 98 to Beck Avenue. \$1.5 Million.

**Thomasville Road Flyover Project**, Tallahassee, FL: A major project that was done under extreme time restraints. Served as Project Manager. \$6 Million.

**SR8 (I-10) Interstate Rehabilitation Projects:** Served as Design Engineer in charge of most of these projects that were done by FDOT District Three personnel from 1985 to 1995. Listed below are a few of these projects.

- From Santa Rosa County Line to 0.6 mile west of Yellow River. \$750,000.
- From 0.3 mile east of CR 183 to Holmes County Line. \$1.1 Million.
- From 0.6 mile west of CR65 to 0.5 mile west of SR 267. \$1.3 Million.
- From Walton County Line to Choctawhatchee River. \$1.5 Million.
- From 4.2 miles east of SR 71 to 1.5 miles east of CR 69A. \$1.4 Million.
- From Washington County Line to 1 mile west of SR 276. \$1.4 Million
- Perdido River Bridge. \$8 Million.
- From 0.6 mile east of SR 57 to Madison County Line. \$1.7 Million.

**Projects designed to comply with FDOT RRR criteria, some of which were intersection improvement with lane additions and signalization.**

- **SR 10**, Walton County: A 14.7 mile resurfacing and safety improvement project. \$4.5 Million.
- **SR 63**, Leon County: a 1.7 mile multi-lane urban resurfacing with pedestrian facility upgrade and signal loop replacements. \$600,000.
- **SR 12**, Gadsden County: R/R Crossing improvement. \$500,000.
- **Holmes County**, Countywide Guardrail installation project for approximately 80 locations. \$300,000.
- **SR 95**, Escambia County: Intersection improvement at CR 184/Beck's Lake Road. Included lane additions and signal with preemption features. \$800,000.
- **SR 75**, Cottondale FL: R / R Crossing improvement and signal with preemption features. \$750,000.
- **SR 85**, Ft. Walton, FL: Drainage improvements. \$500,000.



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### ***Brett Williams***

*Senior Engineering Technician*

Mr. Williams is an Engineering Technician for Registe, Sliger Engineering, Inc. with a wide variety of CADD experience, covering a wide range of bridge and highway projects. Mr. Williams is proficient in the use of Computer Aided Design software packages such as: Microstation/Geopak and AutoCAD computer systems.

**Years Experience with Current Firm: 3.5**

**Years Experience Total: 6**

#### **Detailed Project Experience:**

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two cell concrete box structure. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two-span, flat slab structure. Project Cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Technician responsible for the plans preparation for a 100 ft wooden bridge and a 60 ft long wooden bridge. Work included preparation of construction documents. Project cost: \$200,000.

**Florida Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Technician responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Project Cost: \$2.5 - \$3.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Technician responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project Cost: \$1.3 Million.

**Timberlane and Timberlane School Rd. Intersection Improvements, Leon County, Florida** – Technician responsible for the preliminary plans production for an intersection improvement project. Project Cost \$700,000.

**Ft Cooper State Park, Bike Trail, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance for one mile of multi use trail. Project cost: \$60,000

**Ft Cooper State Park, Invasive Species Site, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance of a 1.5 acre commercial site. Project cost: \$450,000



**APPENDIX B**

**SUBCONSULTANTS**



**NOBLES CONSULTING  
GROUP, INC.**



2844 PABLO AVENUE  
TALLAHASSEE, FL 32308  
P:850.385.1179  
F:850.385.1404

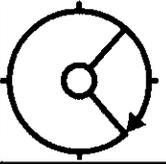
March 2, 2011  
Ms. Danielle E. Marrero, P.E.  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough Street  
Tallahassee, Florida 32303

RE: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Ms. Marrero,  
Nobles Consulting Group, Inc. agrees to provide Professional Surveying and Mapping support services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. Should there be any questions regarding this agreement or additional information required please contact me at (850) 385-1179.

Nobles Consulting Group, Inc.

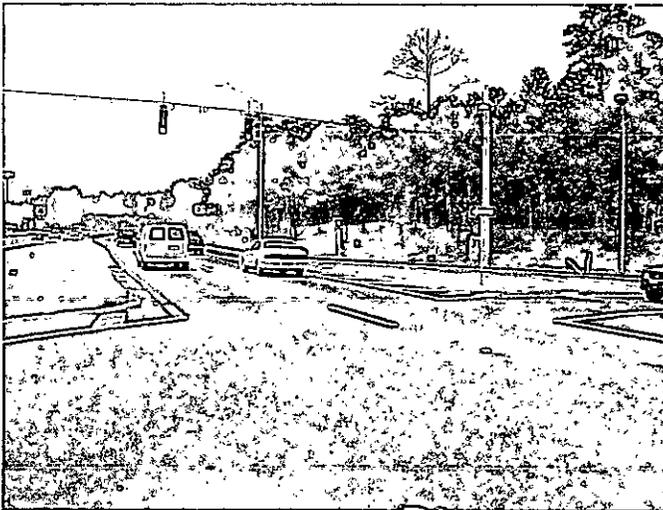
James E. Melcher, P.S.M.  
Project Manager



**NCG**  
NOBLES CONSULTING GROUP, INC.

## Roadway Surveying Services

- ◆ **Preliminary Design and Engineering/Corridor** Correlate and combine ground-based survey control and data with remote sensing information, collected by methods such as LiDAR and Photogrammetry .
- ◆ **Roadway rehabilitation and enhancements** NCG can interweave conventionally surveyed data and 3D laser scanning data through the use of our terrestrial scanning, software, and mobile scanning.
- ◆ **Bridge Replacement and Modifications** NCG can provide existing conditions data for the replacement or reinforcement of existing structures, from simple cross drain and box culvert ensembles to multi-segment bridge structures.
- ◆ **Multilane Reconstructions** NCG can provide both Right of Way Control Surveys and Right of Way Maps for acquisition purposes and design survey services.
- ◆ **Intersection Improvements** NCG works with designers to gather information pertinent to particular projects, such as adding turn lanes, realigning side roads, or the placement of signal poles.



- ◆ **Platting of dedicated rights of way within subdivisions**
- ◆ **Roadway Construction Layout and Site Grading** NCG can provide layout of new corridors providing project control, alignment staking and referencing, curb and gutter/pavement/sidewalk layout, drainage structure staking and site grading using both conventional and machine grade technology.
- ◆ **Construction Engineering Inspection Surveys (CEI)** NCG can provide survey services needed for CEI projects, from checking and reestablishing project control to pre and post construction surveys, including as-builts and finished grade conditions, for use in calculations and project certifications.
- ◆ **Driveway Permitting** NCG can provide survey services for new and rerouted driveway tie-ins.
- ◆ **Eminent Domain / Maintained Right of Way** NCG has worked with State and County officials to determine maintenance limits on existing projects and to delineate required right of way areas on proposed and enhanced projects where right of way is needed.

Visit our website at [www.ncginc.com](http://www.ncginc.com) for additional corporate and services information.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Paul Williamson, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 21

15. FIRM NAME AND LOCATION (City and State) <b>Nobles Consulting Group - Tallahassee, Florida</b>	
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16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Finance/Florida State University	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida #3208, Professional Surveyor and Mapper
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18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*) Mr. Williamson is a registered land surveyor and presently is the Project Manager in charge of the survey field crews. He has over 38 years' experience in surveying and was previously the owner of his own land surveying firm. Paul also utilizes his background in finance to perform economic studies as needed.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>Canopy at Welaunee Tallahassee, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - 980 Acre topographic and tree survey, cross section roadways, cross section Fleishman Road. \$138,000.		
b.	<b>Stone Buildings - FSU Campus Tallahassee, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Topographic tree and utility survey. Locate existing improvements, used scanner for data collecting. \$58,000.		
c.	<b>Gadsden County High School Gadsden County, Florida</b>	2005	2004
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary and topographic survey of 100 acres, Construction stakeout construction of new high school, As built survey of new facility. \$50,320.		
d.	<b>Heritage Oaks Apartments Ocala Road, Tallahassee, Florida</b>	2005	2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic, tree and utility survey of 38 acre site, Stakeout for all buildings, roads, walks and utilities, As built survey of utilities and all improvements. \$23,000.		
e.	<b>Chiles High School Tallahassee, Florida</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic and utility survey construction stakeout for buildings, utilities and Storm water management facility, As built survey of complete facility. \$30,000		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>M. Kevin Mears, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State) <b>Nobles Consulting Group - Tallahassee, Florida</b>	
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16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida #5459, Professional Surveyor and Mapper
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18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)  
 Mr. Mears serves as a field coordinator responsible for creating and implementing the best practices standards for field staff. He has had formal training in GPS systems, government retracement surveys, wetland mapping and office processing systems. Mr. Mears has provided field and office services for miscellaneous FDOT surveying projects and field control for QA/QC of LiDAR mapping.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>Tallahassee-St. Marks Historic Railroad City of St. Marks to City of Tallahassee, Florida</b>	2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager and surveyor for Topographic Survey of 16 mile bicycle and equestrian trail in Leon and Wakulla Counties. Survey done for Office of Greenway and Trails, design of trail improvements and trailheads. Horizontal control pairs were established at 3 mile intervals from a static GPS control network. Permanent benchmarks were established at 1000-foot intervals by digital leveling.		
b.	<b>River Bend Havana, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager and surveyor for Boundary Survey of 2000 acres in Gadsden County. A dependent resurvey of portions eight (8) sections using Public Land Survey field notes and plats. Researched legal descriptions, analyzed boundary evidence. Determined Ordinary High Water elevation by field transects and LiDAR data. LiDAR data was also used to plot positions of section corners from Government Land Office Field Notes. Fee \$65,000.		
c.	<b>Comfort Creek Property Lake Talquin, Florida</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project manager and surveyor for Boundary and Topographic Survey of Dependent resurvey of 470 acres in Gadsden County. Control was established for LiDAR Mapping from a static GPS network and conventional leveling. A topographic survey map was prepared showing contours at 1-foot interval, using LiDAR and conventional field survey data.		
d.	<b>SummerCamp Subdivision St. Teresa, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project manager and surveyor for Dependent resurvey of 800 acre parcel in three fractional sections in the John Forbes and Company Land Grant on the Gulf of Mexico. Survey included mapping of approximately five miles of Mean High Water and twenty-one miles of wetlands. Retracement of the privately surveyed sections was aided by 1960 field notes by local surveyor J.B. Hathaway. Survey control established by static GPS network and conventional leveling.		
e.	<b>Box R Ranch Apalachicola, Florida</b>	2003	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager and Surveyor for Boundary Survey of 8000 acres in the John Forbes and Company Land Grant. A dependent resurvey of 19 sections was done using P.L.S. field notes and plats of the township and range lines that divided the privately surveyed sections. Researched legal descriptions and maps to retrace private sections. Seven, three-man, field crews were used to complete the field survey within 90-days. Analyzed boundary evidence, identified boundary conflicts and encroachments.		



**ENVIRONMENTAL &  
GEOTECHNICAL  
SPECIALISTS, INC.**



ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.

March 3, 2011

Registe, Sliger Engineering, Inc.  
1427 North Bronough Street  
Tallahassee, FL 32303

**ATTN:** Jacques Registe, P.E.  
President

**RE:** Letter of Commitment  
Leon County Proposal Number: BC-03-17-11-25  
Civil Engineering Services Continuing Supply

Dear Jacques:

On behalf of Environmental and Geotechnical Specialists, Inc. (EGS), I am pleased to be part of the Registe, Sliger Engineering, Inc. team to perform geotechnical services as needed for the above referenced proposal. I confirm our commitment to meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective investigations and deliverables to you and your client. Further, these projects will have our highest priority with respect to scheduling staff and resources.

EGS is a Minority Business Enterprise (MBE) registered with Leon County and the City of Tallahassee. I have attached proof of our certification.

EGS looks forward to working with you and the Leon County Board of County Commissioners. If you have any questions or need additional information, please contact me at (850) 386-1253.

Very truly yours,

**Environmental and Geotechnical Specialists, Inc.**

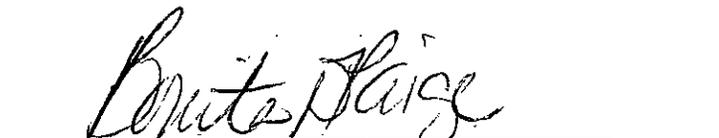
Judith M. Hayden, P.E.  
President



This certifies that  
**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALTIES, INCORPORATED**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**May 18, 2010 to May 31, 2011**

  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**

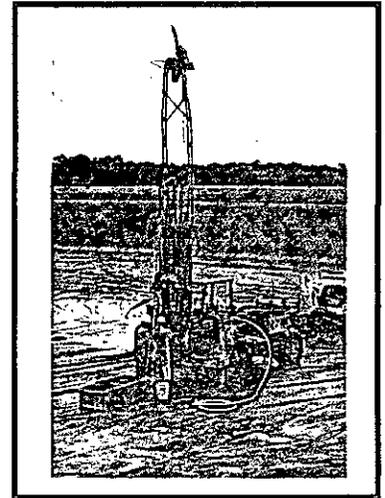
H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

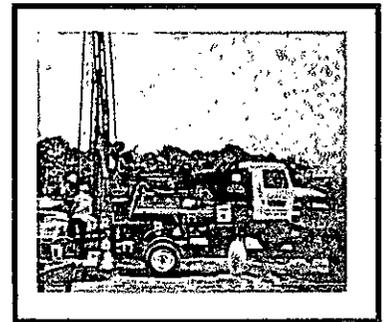
The M/DBE firm of Environmental and Geotechnical Specialists, Inc. (EGS) will be providing specialty services to the design team. EGS is highly qualified and has an outstanding work experience within the panhandle of Northwest Florida. EGS specializes in the areas of wetland permitting, environmental site assessments and geotechnical investigations and designs. The staff at EGS has been providing professional services since 1992. EGS is dedicated to providing exceptional services at competitive rates.



EGS is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS's professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services.



EGS also has a professional and knowledgeable staff experienced in providing environmental assessments and engineering solutions to various construction related environmental problems encountered during the planning, engineering and design phase of the projects. EGS's staff is familiar with the regulatory requirements of the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the Northwest Florida Water Management District. The results of EGS's investigations are presented in a focused engineering report prepared by a licensed professional engineer.



The staff at EGS is committed to satisfy the needs of their clients on all aspects of an assigned task. EGS will meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective testing and deliverables. Further, the projects will have our highest priority with respect to scheduling staff and resources. EGS will pledge to go the "extra mile" to meet the needs and expectations of the project.



I. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

Sept. 14, 2009

33. NAME AND TITLE

Judith M. Hayden, P.E., President

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Myron L. Hayden, Ph.D., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Tri-State Univ., 1974 Master of Science – Civil Engineering, Oklahoma State Univ., 1975 Doctor of Philosophy – Geotechnical Engineering, Oklahoma State Univ., 1978	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 34067, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Florida Engineering Society (Elected Fellow, Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Society of Civil Engineers (Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Public Works Association

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>General Service Contract</b> City of Tallahassee, Public Works Dept.	On-going	On-going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Serve as project manager for miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the Geotechnical analysis for the construction of new roadway, mast arm installation, slope evaluations, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.		
<b>General Service Contract</b> Florida Dept. of Transportation, District 3, Chipley, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Provide miscellaneous services to the Florida Department of Transportation under a General Service Agreement. The tasks have included the geotechnical analysis for roadway design, culvert extensions, bridge foundations, bridge repair, mast arm installation, slope evaluations, base failures, lane additions and stormwater pond designs.		
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Provided the detailed geotechnical design services for the construction of two (2) day tanks to be constructed at the TPS Water Reclamation Facility. The investigation included an evaluation of potential karst features, foundation design recommendations, and construction concerns. Also provided the detailed geotechnical design for the upgrade of facility.		
<b>Capital Cascade Trail Park – Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. The Capital Cascade Trail project is a flood relief and greenways plan for a 5.2 mile corridor through Tallahassee, Florida. This project includes the planning and design for trails, parks, pedestrian bridges, and greenway amenities in combination with the stormwater aspect of flood control for the St. Augustine Branch and the Central Drainage Ditch EGS worked with the Genesis Group to provide the foundation designs for the various aspects of the project.		
<b>McKeithen Road Improvements Project</b> City of Tallahassee, Public Works Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Conducted the geotechnical investigation for the widening of five (5) segments of the Capital Circle widening project. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, stormwater treatment facilities and the remediation recommendations for karst features.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Derwood C. Sheppard, Jr., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) <b>Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Florida State University, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 69228, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers Florida Engineering Society			

19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Served as the project engineer for the design of the proposed improvements to the Thomas P. Smith Wastewater Treatment Facility. The project included the design of various structures and foundations ranging from shallow spread footings, mat foundations and deep soil improvements.		<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Capital Cascade Trail Park – Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Served as the project engineer for the geotechnical investigation of Capital Cascade Trail Park. The project has included the design of retaining walls, culvert structures, pedestrian bridges, water features, stormwater ponds and realigned roadways.		<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Connie Drive Flood Relief</b> City of Tallahassee, Public Works Dept.	2008		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Served as the project engineer for the geotechnical investigation of Connie Drive Flood Relief improvements project. The project included the suitable mater determination for drainage lines and culverts and the geotechnical design parameters for the construction of box culverts and an earthen dam.		<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Capital Circle Widening</b> Blueprint 2000 and Beyond, Tallahassee, FL	On-going	On-Going	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Served the project engineer for the geotechnical investigation of Capital Circle Southeast Roadway Improvements project for 2 segments of the roadway (Connie Drive to Tram Road, and Tram Road to Woodville Highway). The project included the design analysis of new roadway, and stormwater ponds as well as the slope stability associated with the existing embankments.		<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>McKeithen Road</b> City of Tallahassee, Public Works Dept.	2008		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Assisted with the geotechnical investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included roadway design with curb and gutter, culvert extensions, and stormwater treatment and attenuations facilities. In addition, the project included an investigation for karst features.		<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Thomas H. Hayden, P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, University of South Florida, 2003	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 67492, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
American Society of Civil Engineers (Pres. Big Bend Chapter 2008) (Young Engineer of the Year 2008)  
Florida Engineering Society

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>John's Building, UST Removal</b> City of Tallahassee, Public Works Dept., Real Estate Div.	2009	2009
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Supervised the underground storage tank removal for the City of Tallahassee at the John's Building. The project included the removal, removal of contaminated soil, CEI Inspection, environmental sampling and analysis, and well closure.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Lake Bradford Lift Station</b> City of Tallahassee, Water Utility Dept.	2008	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assisted in the geotechnical investigation for the Lake Bradford Lift Station. This project included the development of the geotechnical design parameters and recommendations for the construction considerations for the proposed construction. Served as field manager for the drilling and laboratory testing associated with the project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Providence Neighborhood Enhancement-Pavement Design</b> City of Tallahassee, Public Works Dept.	2008	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the pavement core and condition survey for the Providence Neighborhood Improvements Project. This project included the pavement core and condition survey, the base, subgrade and embankment compaction analysis, bituminous design parameters and construction considerations for the proposed improvements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Tom Brown Park – Tennis Court Rehabilitation</b> City of Tallahassee, Parks, Recreation and Neighborhood Affairs Dept	2009	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assisting the City of Tallahassee with the analysis for the pavement failure at the Tom Brown Park Tennis Court Complex. The project included the subsurface investigation, field and laboratory compaction analysis, bituminous evaluations, and design recommendations for the proposed project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Capital Circle Force Main By-Pass</b> City of Tallahassee, Water Utility Dept.	2006	2007
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Supervised the field work required for the installation of soil borings for the construction of a force main from Miccosukee Road to Eliza Road. The project included marking the boring locations, receiving utility clearance, conducting laboratory testing and preparation of the geotechnical report with design and construction recommendations.	<input checked="" type="checkbox"/> Check if project performed with current firm	



**MILLER'S  
TREE SERVICE**



March 13, 2011

Danielle Marrero  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough St.  
Tallahassee, FL 32303

Re: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Dear Danielle,

This letter confirms our commitment to provide mitigation services and certified arborist services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. If you have any other questions, please give me a call.

Sincerely,

Clay Culpepper  
Gibbs & Culpepper Tree Service  
(now Miller's Tree Service)  
Certified Arborist FL9246  
850-566-3881

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>By Culpepper</b>	13. ROLE IN THIS CONTRACT <b>Certified Arborist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>5</b>	b. WITH CURRENT FIRM <b>5</b>

15. FIRM NAME AND LOCATION (City and State)  
**Gibbs/Culpepper Tree Svc (now Miller's Tree Service) Tallahassee, FL**

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science in Commerce and Business Administration, with distinction. Accounting.  Masters Degree in Tax Accounting.</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>State of Florida Certified Arborist, FL5924A</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**President, Tallahassee Young Entrepreneurs Organization, 2011  
Voted Best Tree Service in Tallahassee, 2008-2010**

19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	
		CONSTRUCTION (if applicable)	
Supreme Court Bldg Tallahassee, FL	2009		2010
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a very highly scrutinized water intrusion project at the Supreme Court Building where we mitigated 4 very large live oaks to protect them during this 2 year project. Our Cost: \$30,000			
Evening Rose Development Tallahassee, FL	2009		2009
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a new development at the corner of Mahan and Capital Cr NE where LEED certification and "green" concepts were the focus. We performed mitigation and on going arborist services for the contractor and developer over a 4 year period. Cost: \$200,000.			
Kohl's Store Fort Walton, FL	2007		2007
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new Kohl's. We mitigated approximately 30 trees in the new proposed parking lot and around the proposed building. Cost: \$20,000			
Florida Sheriffs Association Tallahassee, FL	2010		2010
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new building around 7-8 very large live oaks. We mitigated all the trees to prepare them for the impacts of construction. cost: \$8,000			
Many newly constructed homes Tallahassee, FL	2010		2010
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for many local newly constructed homes where we prepare mitigation plans and implement them to protect the trees on the site from the impacts of construction. Average Cost: \$2,000 per site			



**APPENDIX C**

**PROJECT  
INFORMATION FORMS**



## *Springhill Road Abutment Repair*

### *Leon County, Florida*

**Project Owner:**

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

**Owners Project Manager:**

Chris Muehleman, PE

**Key Team Members and Role:**

John Sliger, PE - Project  
Manager

Jacques Registe, PE -

Structural Engineer

Carlos Campos, EI -

Engineer Intern

Brett Williams -

Technician

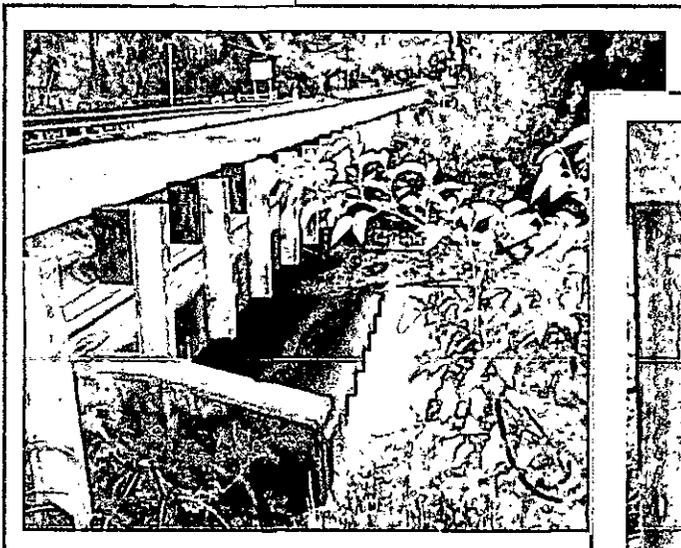
**Design Completed:**

May 2009

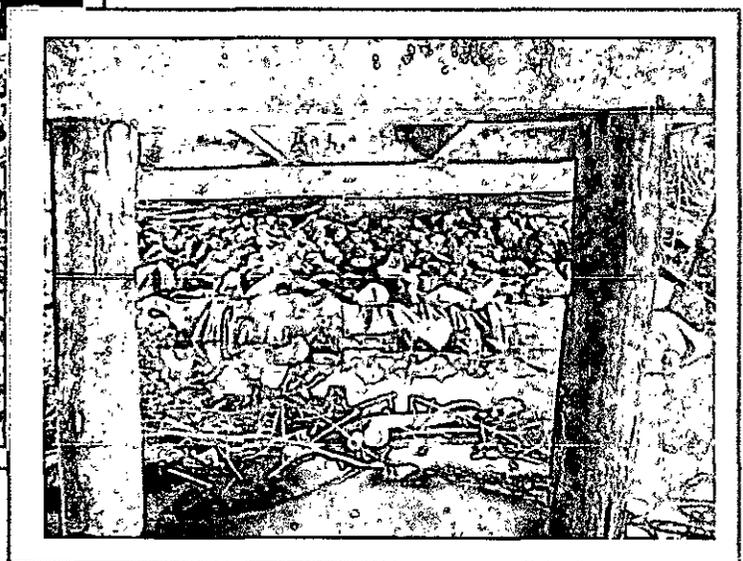
**Project Overview**

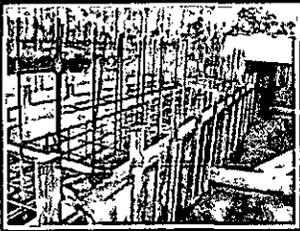
Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to provide engineering services on the Springhill Road Bridge. An evaluation of the existing condition of the structure and of the FDOT Bridge Inspection Report was conducted by RSE. The south abutment was severely eroded during Tropical Storm Fay. As a result, the bridge slope protection was undermined and settlement of the roadway pavement had occurred. The wood piles supporting the abutments are exposed showing signs of deterioration.

RSE proposed to repair the abutment by underpinning the existing cap with the aid of new helical piles. The existing damaged slope pavement and retaining wall are to be removed and replaced with rubble riprap to clear the channel and facilitate the flow under the bridge. A 10' long by 24' wide concrete approach slab will be required to protect the abutment from future erosion.



Existing Bridge





## *Bald Point Phase I Steel Bridge*

### *Bald Point State Park, Florida*

#### *Project Owner:*

Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

#### *Owners Project Manager:*

James Glenn

#### *Key Team Members and Role:*

John Sliger, PE - Project  
Manager

Jacques Registe, PE -  
Structural Engineer

Carlos Campos, EI -  
Engineer Intern

Brett Williams -  
Technician

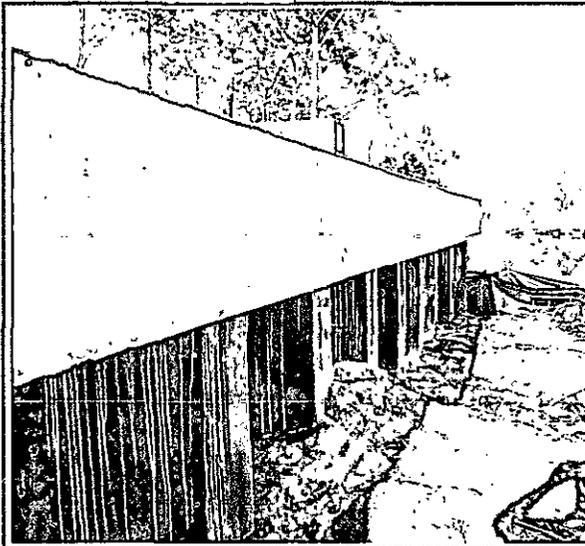
#### *Project Completed:*

May 2010

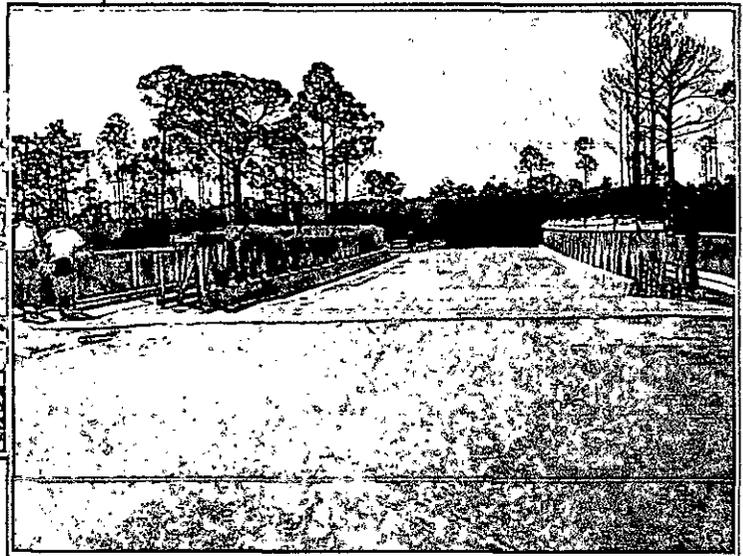
#### **Project Overview**

Bald Point State Park is located on Alligator Point, where Ochlockonee Bay meets Apalachee Bay. Registe, Sliger Engineering, Inc. (RSE) was contracted to provide the construction and bridge engineering services for a 100 foot, 2 lane with sidewalk steel bridge. Design also included the foundation and sheet pile approach work.

Upon completion of the design, RSE was also contracted to provide construction observation services. Construction tasks included review of shop drawings, materials submittals, test results, reinforcement placement and pile installation. RSE performed site inspections during pile driving operations, forming of the pile caps and produced punch lists to ensure contractor compliance of contract documents.



**Pile Cap on Sheet Pile Abutment**



**Steel Bridge Nearing Completion**

## *Bill Baggs Cape Florida State Park Dade County, Florida*



**Project Owner:**  
**Florida Department of  
 Environmental Protection  
 Division of Recreation &  
 Parks**  
 3900 Commonwealth Blvd.  
 Tallahassee, FL 32399  
 (850) 245-2157

**Owners Project Manager:**  
 Kimsey Helms

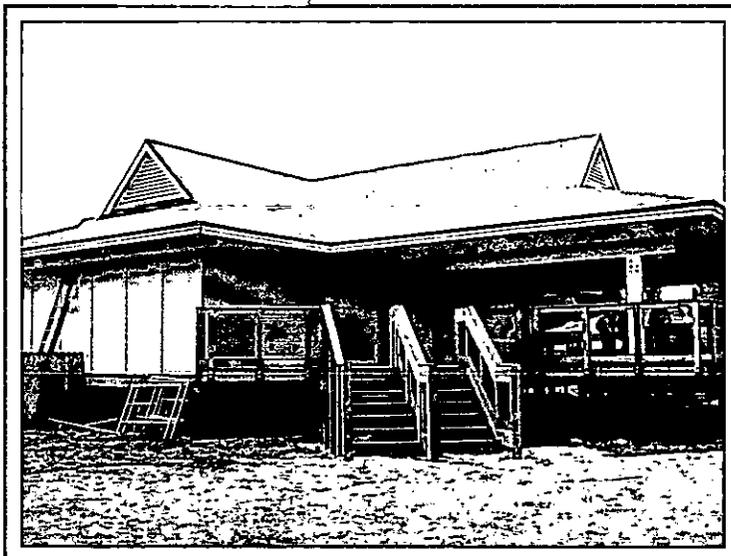
**Key Team Members and  
 Role:**

**John Sliger, PE - Project  
 Manager**  
**Jacques Registe, PE -  
 Structural Engineer**  
**Carlos Campos, EI -  
 Technician**

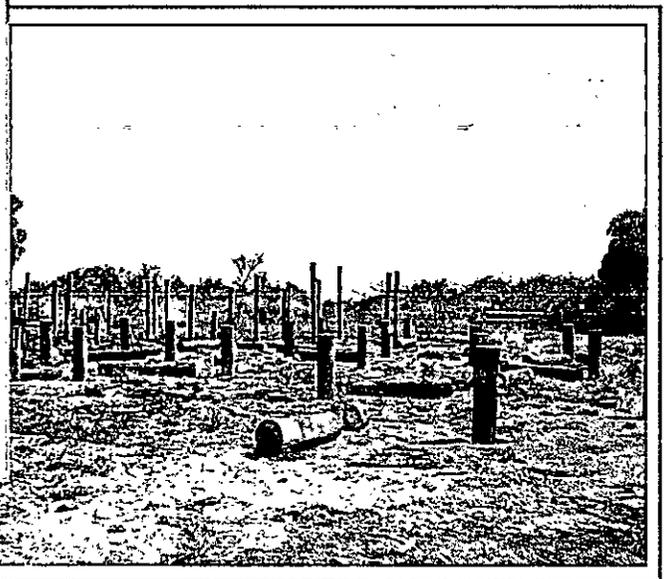
**Construction Completed:**  
 December 2006

### **Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was contracted by the Florida Department of Environmental Protection for engineering design and construction services for the concession building located at Cape Florida State Recreation Area. The restaurant is a timber building that is approximately 5,000 square feet. It was designed for 150 mph wind speeds. The building is founded on timber piles. RSE provided shop drawing review, structural design inspection and certification for the building.



**Completed Building**



**Pile Driving**



## *CR375 Over Black Creek Bridge Repair*

### *Tallahassee, Florida*

**Project Owner:**

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

**Owners Project Manager:**

Felton Ard, PE

**Key Team Members and  
Role:**

Jacques Registe, PE —  
Project Manager  
John Sliger, PE —  
Project Engineer  
Carlos Campos, EI —  
Engineer Intern  
Brett Williams —  
Technician

**Project Completed:**

June 2009

**Project Overview**

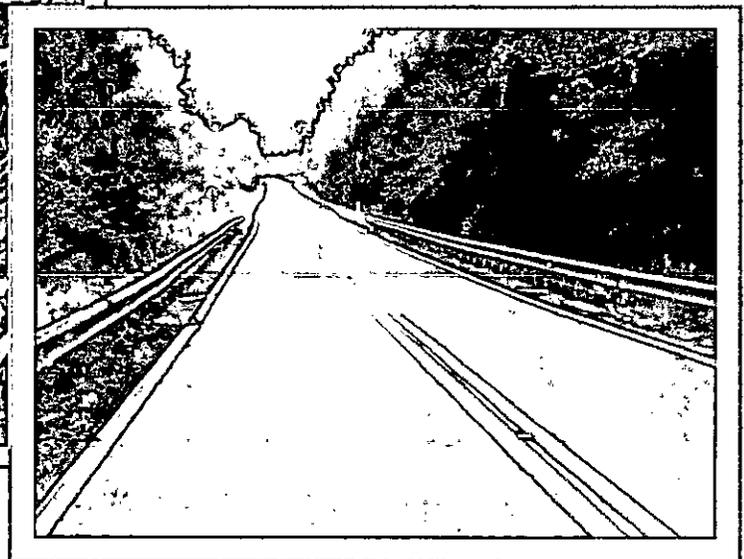
CR375 over Black Creek is located in Leon County about six miles south of Blountstown Highway. Registe, Sliger Engineering, Inc. (RSE) was contracted to provide the design for a bridge substructure repair utilizing helical piling. These helical piles were added as a temporary repair to extend the life of the structure.

RSE also completed a preliminary Bridge Development Report and Preliminary Bridge Hydraulics Report to support the recommendation to replace the bridge with a new structure that would carry two 12'-0" wide opposing lanes of traffic with 2'-0" shoulders on each side. The proposed bridge length is 125', which is 20' longer than the existing bridge. The increase in bridge length is required by the preliminary bridge hydraulic study which accounts for the 1.5:1 embankment slope.

Based on required design loads and subsurface conditions, RSE concluded that square prestressed concrete piles supporting a cast-in-place reinforced concrete pile cap are the optimum substructure components at this site.



**Existing Bridge**



**Existing Bridge and Roadway**

## *Florida River Island Bridge*

### *Liberty County, Florida*

#### Project Overview

##### *Project Owner:*

Northwest Florida Water  
Management District  
81 Water Management Dr  
Havana, Florida 32333  
(850) 539-5999

##### *Owners Project Manager:*

Tyler Macmillan

##### *Key Team Members and Role:*

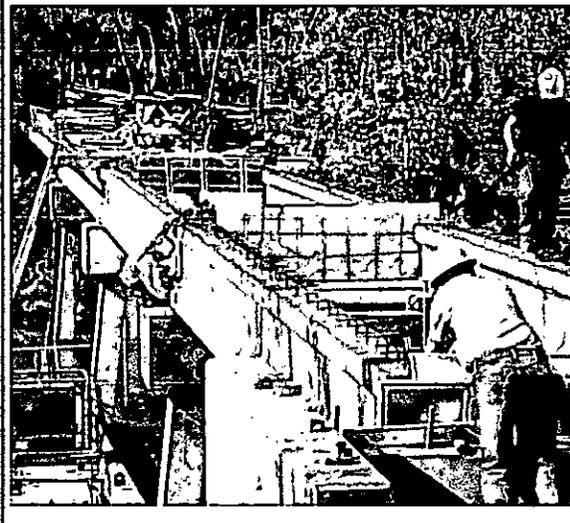
John Sliger, PE -  
Project Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams - Technician

##### *Project Completed:*

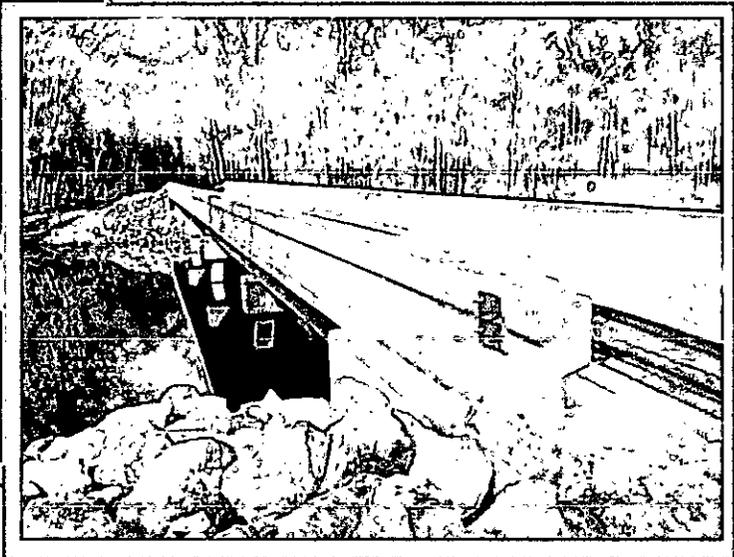
February 2008

RSE designed and prepared construction bridge plans for a 165 foot AASHTO beam superstructure supported on 18" prestressed piles and pile cap system. The bridge was designed in accordance with the AASHTO LRFD Design Specifications for Highway Bridges, the Florida Department of Transportation Structures Design Guidelines, the Florida Department of Transportation Structures Detailing Manual and the desires as made known to the Design Team.

RSE also provided construction services tasks which included review of shop drawings, materials submittals, test results, reinforcement placement and pile installation. RSE performed site inspections during pile driving operations, forming of the pile caps, beam placement and produced punch lists to ensure contractor compliance of contract documents.



Bridge Construction



Completed Bridge



## *Frenchtown Box Culvert Tallahassee, Florida*

### **Project Overview**

**Project Owner:**  
City of Tallahassee Water  
Resources Engineering  
300 S. Adams St. B-26  
Tallahassee, FL 32301  
(850) 891-8197

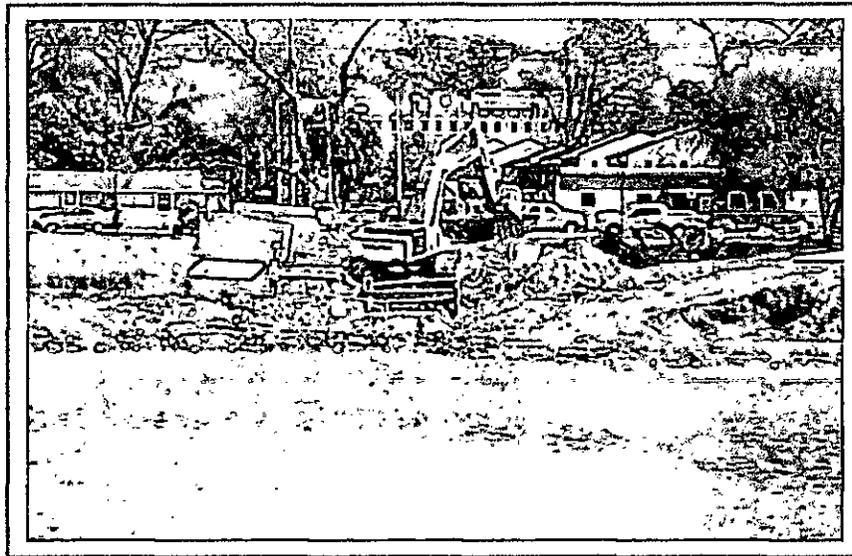
**Owners Project Manager:**  
Chuck Blum, PE

#### **Key Team Members and Role:**

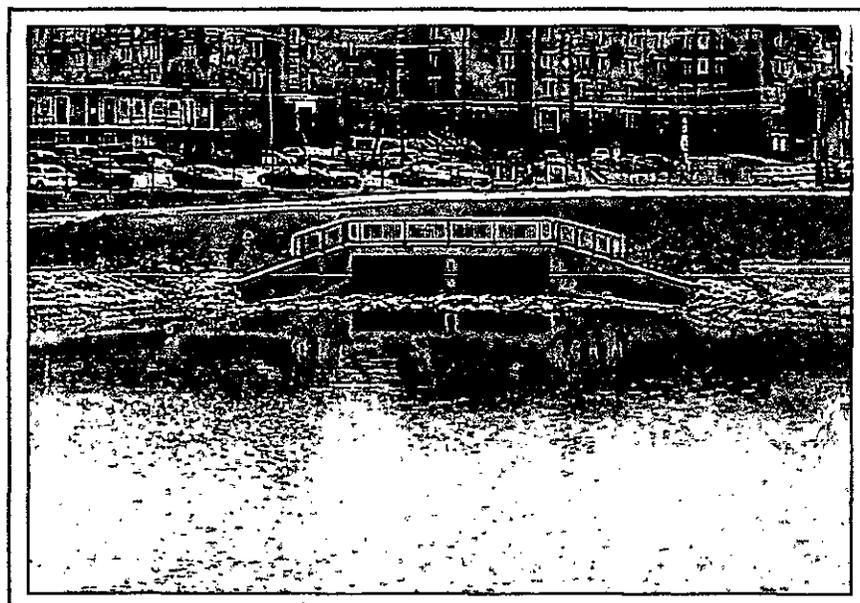
John Sliger, PE - Project  
Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Design Completed:**  
February 2010

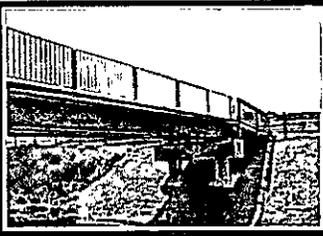
Registe, Sliger Engineering, Inc. (RSE) was contracted by the City of Tallahassee for engineering services. RSE was requested to check the design of 6 precast box culverts. It was concluded that the reinforcement in the base slab located at the bottom cage and the outer wall reinforcement needed to be increased. It was also noted that the Contractor needed to seal all joints between precast units with a bituminous seal or low modulus silicone sealant listed on the FDOT qualified products list, and provide an external sealing band in accordance with ASTM C877 along the outside of the joint. Additionally, RSE recommended a minimum wall thickness of 8 inches on all the precast box culverts.



**During Construction**



**Completed Box Culvert**



## Lake Henrietta Pedestrian Trail and Bridge

### Project Owner:

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

### Owners Project Manager:

Pat Plocek

### Key Team Members and Role:

John Sliger, PE—  
Project Manager  
Jacques Registe, PE—  
Structural Engineer  
Carlos Campos, EI—  
Engineer Intern  
Brett Williams—  
Technician

### Construction

Completed:  
May 2010

### Project Overview

The Lake Henrietta Pedestrian Bridge and Trail project is the missing link in a system that connects the City of Tallahassee's Silver Lake Park with Leon County's Lake Henrietta Park. The Lake Henrietta Park and the new connector trail are part of the Capital Cascades Greenway. Registe, Sliger Engineering, Inc. (RSE) was selected by Leon County to provide the civil and structural engineering design, permitting, and construction phase services for the project.

The 950-foot long trail is lined with crushed oyster shell running along the bank of the East Drainage Ditch.

Turning to follow Munson Slough, the trail becomes a 12-foot wide, ADA compliant boardwalk to ramp up to the elevation of the 52-foot single span steel bridge. The bridge was required to be elevated above the 100-year floodplain elevation. The bridge then connects to the Lake Henrietta Trail, a 6,600-foot loop around the bank of Lake Henrietta.

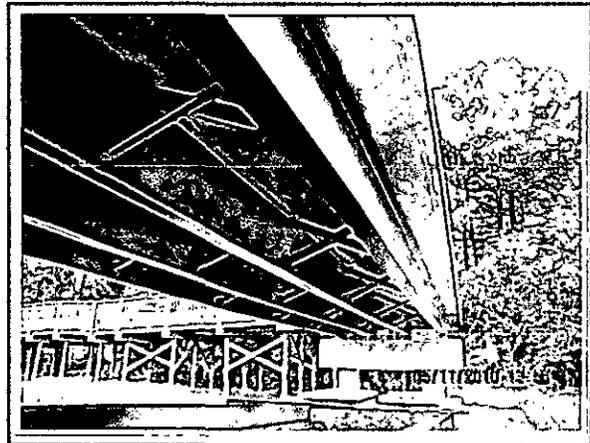


Prior to Improvements

### Design

The pedestrian and bike trail that connects Silver Lake Park with Lake Henrietta Park was designed to be a 12-foot wide trail with a 6-inch limerock base and a 3-inch layer of crushed oyster shell on top. The trail changes to a 2-inch thick asphalt trail for approximately 52-feet to minimize corrosion issues as it approaches the boardwalk. The boardwalk was designed to have Trex Decking and picket railing with an aluminum handrail consistent with ADA criteria. The bridge consists of a 6-inch thick class II concrete deck on top of W24 x 62 steel girders and

structural steel cross bracing. The bridge is 52-foot long and founded on 2 — 24-inch diameter concrete drilled shafts. Due to the nature of the project, wetland impacts were analyzed and appropriate permits were obtained. The design phase for this project began in February 2009 and ended in July 2009.

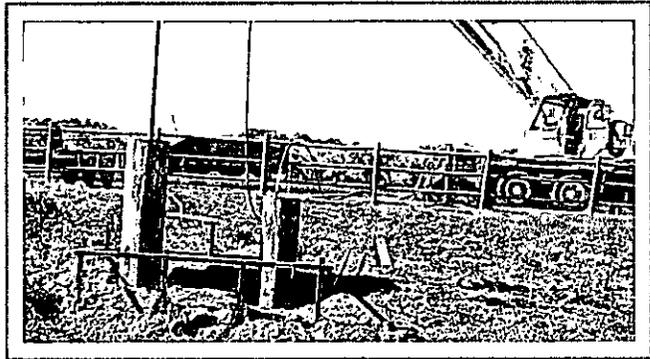


Bridge and Boardwalk

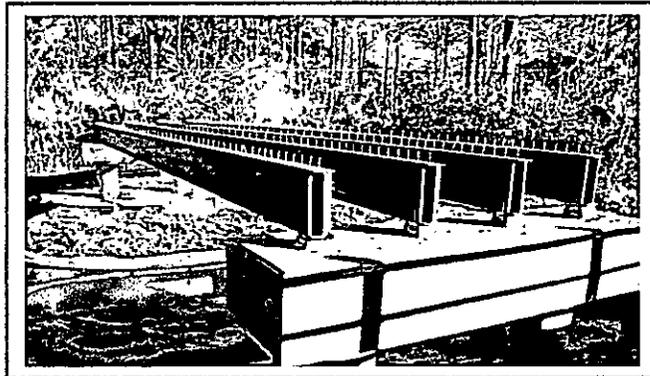
*Lake Henrietta Pedestrian Trail and Bridge*

**Construction**

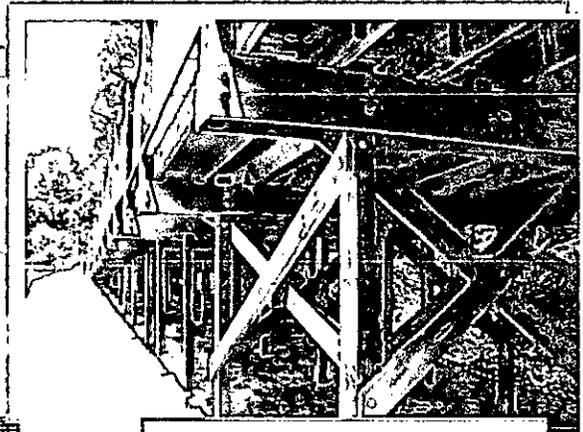
The Lake Henrietta Pedestrian Trail and Bridge project was completed in one phase of construction. Construction began in October 2009. The bridge was constructed prior to the boardwalk starting with the drilled shafts and pile caps. The girders, cross bracing, and deck were then installed. Aluminum pedestrian/bicycle railing was used on the bridge. Once the bridge was complete the boardwalk was constructed. Construction of the project was completed in June 2010 with minimal environmental impacts and complications even though the project was located in wetlands and a flood zone.



**Installation of Drilled Shafts**



**Bridge During Construction**



**Completed Boardwalk, Bridge, and Trail**

## Hurricane Creek Road Bridge Replacement Holmes County, Florida



### Project Owner:

Florida Department of  
Transportation  
1074 Highway 90 East  
Chipley, FL 32428  
(850) 638-2288

### Owners Project Manager:

Kerrie Harrell, PE

### Key Team Members and Role:

Jacques Registe, PE -  
Project Manager/Senior  
Structural Engineer  
John Sliger, PE - Project  
Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

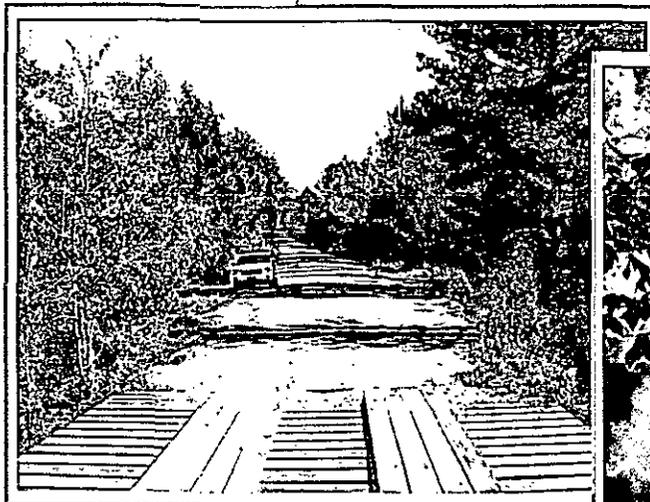
### Project Completed:

August 2010

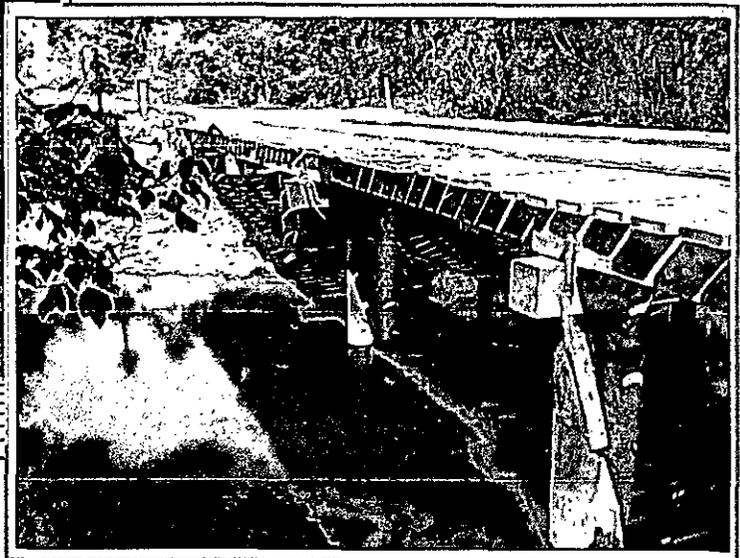
### Project Overview

Registe, Sliger Engineering, Inc. (RSE) has been contracted by the Florida Department of Transportation (FDOT) to perform the design of the bridge replacement for Hurricane Creek Road over Hurricane Creek. There are approximately two homes located within the project corridor of Hurricane Creek Road. It is currently an unpaved roadway in Holmes County between State Road 81 and County Road 185 in Section 6, Township 5 North, Range 17 West. The new structure was designed to meet the current FDOT geometric design criteria, which includes roadway work in the immediate vicinity of the proposed structure to allow a transition in accordance with current FDOT design criteria.

The existing bridge is a timber structure that is 52 feet long and 16 feet wide with four spans. The existing bridge is approximately perpendicular to Hurricane Creek flow at the crossing. The dirt roadway approaches vary in width from 24 feet on the east end to 22 feet on the west end. The project consists of removing the existing structurally deficient wooden bridge on Hurricane Creek Road over Hurricane Creek (Bridge# 524216). The bridge replacement width will utilize AASHTO minimum requirements for a local roadway. The bridge typical section includes two 10 foot lanes with two 2 foot shoulders and standard 32" F shape traffic railings (total bridge width of 27'-1") per FDOT District 3 Design Newsletter (April-June 1999) regarding unpaved county bridge replacements.



Hurricane Creek Road over Hurricane  
Creek Bridge



Existing Bridge Profile

## Missouri Little Duck Historic Bridge Repair Monroe County, Florida

### Project Owner:

Florida Department of  
Environmental Protection  
3900 Commonwealth Blvd  
Tallahassee, FL 32399  
(850) 245-2989

### Owners Project Manager:

Randy Smith

### Key Team Members and Role:

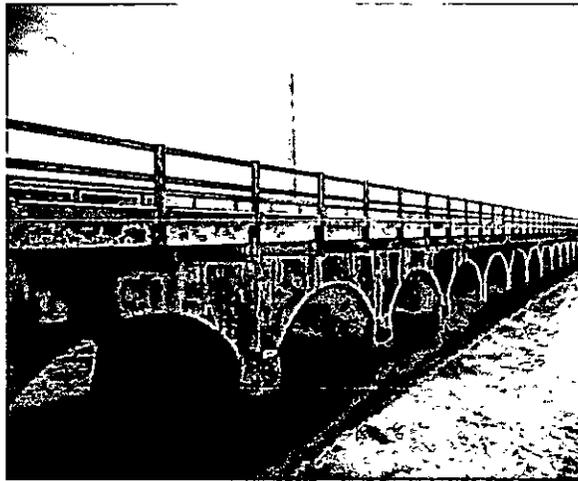
Jacques Registe, PE –  
Project Manager  
John Sliger, PE - Project  
Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

### Project Completed:

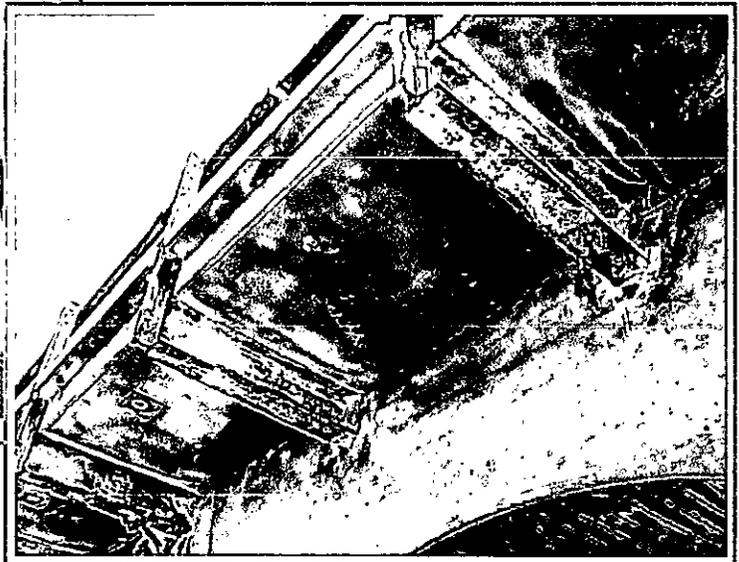
May 2008

### Project Overview

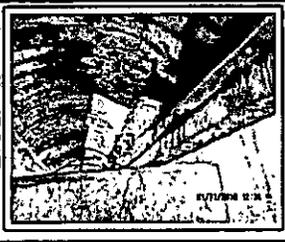
The project included work on the Missouri Little Duck Historic Bridge, part of the Florida Keys Overseas Heritage Trail. Repairs included details involving repairing slabs/decks, milling and resurfacing, replacing handrails and concrete spall and crack repair. Since the steel I-beams were damaged, RSE used a near surface reinforcement which is a new design concept utilizing carbon fiber polymer reinforcement to support the overhang slabs.



Missouri Little Duck Historic Bridge



Post Construction



## *Natural Bridge Road Bridge Repair*

### *Leon County, Florida*

***Project Owner:***

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

***Owners Project Manager:***

Chris Muehleman, PE

***Key Team Members and Role:***

John Sliger, PE  
Project Manager  
Jacques Registe, PE  
Engineer of Record  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

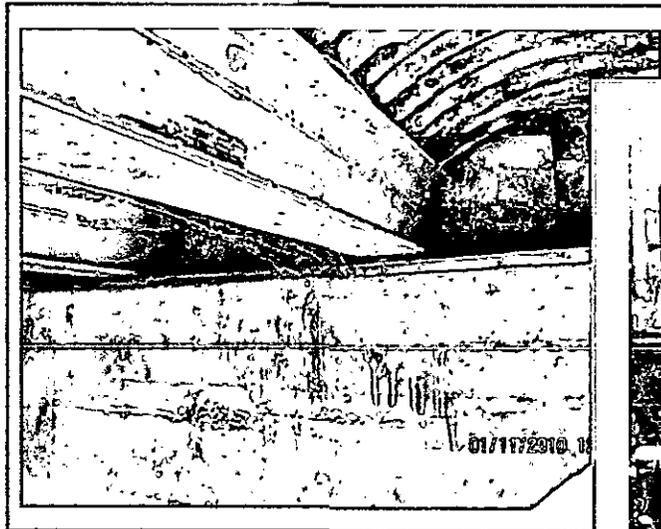
***Project Completed:***

August 2010

**Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to provide bridge engineering and design services in the repair of the damaged beams on the Natural Bridge Road Bridge. The bridge posted load limit was severely reduced after FDOT had determined that there was significant damage to the bearing of the existing steel beams.

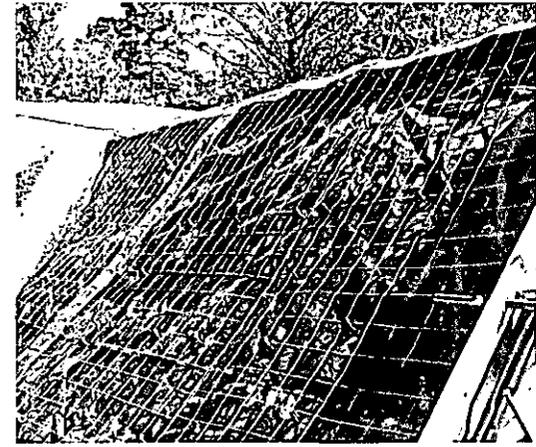
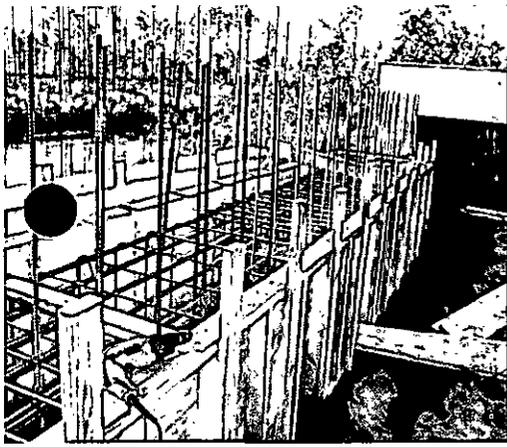
RSE inspected the structure, determined the issues associated with the corroded beams and provided cost effect rehabilitation plans in accordance with AASHTO criteria.



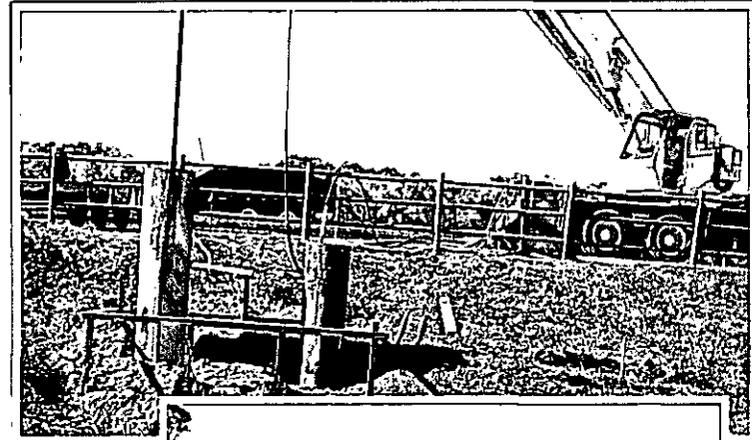
Prior to Repairs



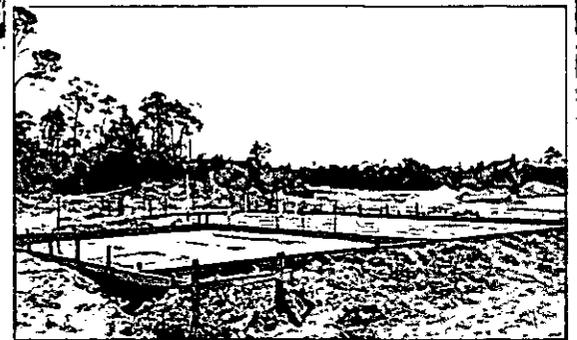
Post Construction



# CONSTRUCTION ENGINEERING & INSPECTION

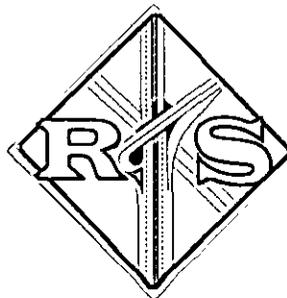


Civil Engineering Services  
Continuing Supply  
Proposal Number: BC-03-17-11-25

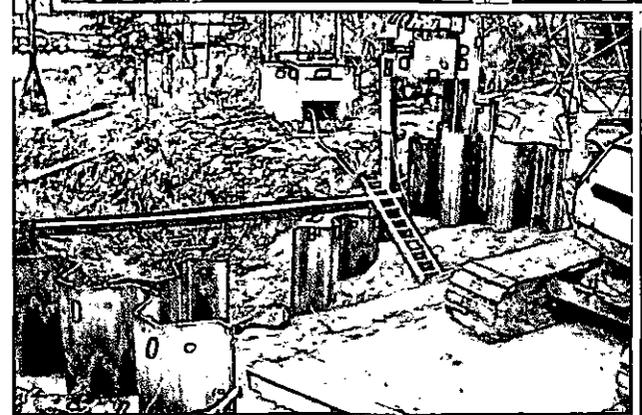


Submitted to:  
Leon County Board of  
Commissioners

Submitted by:  
Registe, Sliger  
Engineering, Inc.



March 17, 2011





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## A. INTRODUCTION

RSE merges the talents of experienced designers and construction professionals to efficiently and effectively handle an array of road and highway construction projects.

RSE staff has provided its clients with construction management assistance by providing detailed design drawings, specifications, bidding, contract documents, solicitation of bidders, and recommendations for award for various projects. RSE's construction services included constructability reviews, construction management, project inspection, processing routine pay requests, and the preparation of as-builts drawings.

RSE's inspection services ensure that projects are constructed in accordance with contract documentation. Our staff is able to minimize the potential for construction claims by coordinating the client and the contractor to achieve successful project completion.

## B. ABILITY OF PROFESSIONAL

### 1. RSE Staff Assigned

The RSE team is immediately available and committed to the successful execution and delivery of any projects resulting from this contract. It is imperative for RSE to demonstrate to the County that it will respond rapidly, provide ample personnel and resources, perform in a technically competent manner and maintain complete project integrity, including services that are on time and within budget.

The following RSE staff members will be assigned to this contract, as well as availability to provide services on small to medium sized contracts:

RSE Staff Member	Availability
Jacques Registe, P.E.	40%
John F. Sliger, II, P.E.	60%
Danielle Marrero, P.E.	65%
Mary Persson, P.E.	25%
Andre Vaillancourt, P.E.	30%
Carlos Campos, E.I.	75%
Larry Tew	25%
Samantha Kaparos	75%
Brett Williams	50%

Detailed resumes for each staff member can be found in **Appendix A.**

### 2. Subconsultants

The scope of work anticipated under this work category calls for a diverse group of professionals to successfully evaluate, and then design the required construction documents for the County. The firms making up the RSE Team have sufficient staff and available manpower to adequately handle the expected workload requirements from each project. RSE enjoys a solid working relationship with all of the proposed subconsultants and has a proven track record of successful projects.

#### **Nobles Consulting Group, Inc.**

Nobles Consulting Group, Inc. (NCG) is a leading consulting firm of professionals who provide land surveying and mapping throughout the southeastern United States. Since its founding in 1980, NCG has specialized in creating design solutions using some of the most significant advances in technology including Terrestrial Laser Scanning, Robotic Total Stations and GPS. NCG will be responsible for all surveying tasks on the contract.

#### **Environmental & Geotechnical Specialists, Inc.**

Environmental & Geotechnical Specialists, Inc. (EGS) is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS' professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services. EGS will be providing all geotechnical engineering related services for this contract.

#### **Miller's Tree Service**

Miller's Tree Service is a locally owned and operated full service tree care business servicing greater Tallahassee and the surrounding areas. Their number-one objective is to ensure that each and every customer is satisfied with the level of service provided. Miller's Tree Service strives to meet their customer's needs and expectations by offering services that are reliable, professional and committed to excellence. Over the years, they have developed and maintained strong ties to the community as well as their customers because of their efforts; they stand behind their work. Miller's Tree Service puts the needs of the customers first and foremost.



All information on subconsultants, including commitment letters and SF 330 forms, can be found in **Appendix B**.

**C. PAST PROJECT EXPERIENCE**

RSE has been providing quality construction services since 2002. Information regarding ten of the latest projects can be found on the Project Information Sheets in **Appendix C**.

**D. CURRENT PROJECTS**

RSE is not currently providing construction services for any of our design projects.

**E. QUALITY CONTROL/QUALITY ASSURANCE**

The RSE approach to Quality Control is to provide complete and accurate project deliverables that are in full compliance with published FDOT and industry standards, the project's requirements and the client's expectations.

RSE understands the County's commitment to quality. RSE's Quality Control Process is implemented to ensure the safety of the public, prevent cost overruns and eliminate delays in the construction process by minimizing errors in the contract documents.

RSE understands that Leon County requires construction oversight to maximize their investment through daily inspections by focusing on ensuring conformance to plans and specifications. RSE provide management services to ensure construction operations minimize the construction impacts to the traveling public, local businesses and the citizens of Leon County.

RSE's design and construction experience on Leon County projects make us uniquely qualified for this contract. By value engineering review of project construction documents, inspections of the project sight, ensuring contractor conformance to plans and specifications, and our understanding of local environmental regulations and work experience with local contractors. RSE is able to maintain construction cost on any anticipated projects.

The above outlined approach to be used by the RSE Team has proven successful on previous projects. We are confident it will assist us in providing the County with

the best possible construction plans and documents for the assignments under this contract.

**F. RESOURCES**

RSE is confident that it can meet and exceed the County's requirements for AutoCAD qualifications, pertaining in particular to the preparation of engineering construction documents. The firm's professional designers have extensive, hands-on knowledge of the tools required to create construction documents. Additionally, RSE currently follows County and FDOT CAD standards, when prescribed.

Like Leon County, RSE supports any and all initiatives that will reduce our carbon footprint and protect the environment. This is evident in our day-to-day practices—for instance, recycle bins accompany all of the printers. RSE uses only recycled content paper to print reports and will print two-sided when feasible.

RSE is an electronically integrated organization, bringing to projects the benefits of electronic/online communications and file access/storage that reduce paper consumption and can eliminate excess travel.

**G. SCHEDULE/BUDGET REQUIREMENTS**

**1. Design Schedule and Budget**

Cost and scheduling control are two of the most important factors in any public sector project. Achieving quality deliverables for the County, on schedule and within budget, requires a combination of several strengths:

- Experience in planning, design, and supporting engineering disciplines
- A talented, cohesive team with all team members equally committed to the success of the project
- The ability to maintain clear, open, and ongoing communications among all team members and with the client

Offering each of these strengths, members of the proposed team are committed to delivering any project under this contract on schedule and within budget.

We recognize how important it is to develop and meet a strong schedule and budget. In developing schedules and

budgets that are practical and can be maintained to the benefit of the County, we consider several key factors so that we deliver the most value to the County:

- Produce a clear understanding of the County's expectations and permitting requirements to provide a concise scope of work and design budget. This limits future additional services requests and design budget increases
- Hold bi-weekly production team meetings to prioritize our workloads to meet the County's needs
- Build in appropriate "float" at key tasks for added discussion or, as necessary, restudy to allow us to resolve all issues without falling behind schedule
- Maintain and update a Critical Path Project Schedule to present at regular progress meetings with County staff to keep you informed on important budgeting and scheduling milestones

Our approach for the timely completion of this project revolves around our ability to do the right things at the right time. By performing intensive research and analysis at project commencement, we give our team maximum opportunity to anticipate any "bumps in the road" that we may experience. Doing our homework up front allows us to work around any obstacles that may impede our efforts. It also allows the County to anticipate submission milestones and review activities. In turn, this enables us to complete this project within the allotted design budget.

## 2. Construction Schedule and Budget

The first item necessary to ensure that project construction costs are within budget is to establish a realistic cost estimate for the project early in the design phase. As the design evolves, the construction cost estimate is updated to reflect the project scale and scope.

As a mechanism for controlling construction costs, RSE holds "value engineering" meetings with our clients to identify design alternatives to help the project maintain construction budget and schedule. Meetings are held at key design phase milestones to allow alternatives to be evaluated and incorporated. Construction cost estimates for various design schemes are calculated and the most cost effective solution that meets the design requirements is recommended to the client for the project.

## 3. Long Term Maintenance Cost

An often overlooked area that can add cost to a project is the long term maintenance cost associated with any

public works project. RSE reviews these issues during the design process to ensure that the short term construction and long term maintenance costs are considered during the design phase of the project.

In the past, RSE staff has met with Leon County Operations Personnel onsite to establish the problems associated with the project locations. RSE has then used the information from maintenance staff to ensure that the project is designed with the long term maintenance cost minimized.

## H. WORKLOAD

RSE's approach to satisfying overload scenarios is multifaceted. It starts with a focused, experienced, and available project team backed by strong subconsultants. Should a situation arise in which additional personnel are required, RSE and its subconsultants are committed to responding accordingly with additional personnel and resources. Again, the proposed project team will devote its time to this project on a first-priority basis.

All projects, large or small, are given the same consideration at RSE with respect to accuracy of design and plans preparation, constructability, efficiency, aesthetics and quality.

## I. PROJECT TEAM LOCATION

The headquarters of RSE and all our proposed subconsultants for this contract are located in Leon County, Florida. These locally owned businesses create more jobs locally and recycle a large share of their revenue back into the local economy, enriching the whole community. The RSE office is located three miles away from the Leon County Public Works Department, allowing us to provide personalized service in a matter of minutes.

## J. APPROACH TO PROJECT

The RSE Team has sufficient staff and experience to handle any construction engineering and inspection project that will arise from this contract. RSE will administer, monitor, and inspect the Construction Contract such that the project is constructed in accordance with the plans, specifications and special provisions for the construction documents.



RSE staff will observe the Contractor's work to determine the progress and quality of work. RSE will identify discrepancies, report significant discrepancies to the County, and direct the Contractor to correct such observed discrepancies.

RSE will seek input from the County relating to all Supplemental Agreement requests. Supplemental Agreements must be determined to be in accordance with Florida law by the County prior to recommendation by the Consultant. For any Supplemental Agreement which exceeds the thresholds, RSE will prepare the Supplemental Agreement as a recommendation to the County, which the County may accept, modify or reject upon review. RSE will Consult with the Construction Project Manager as necessary and direct all issues, which exceed delegated authority, to the County for action or direction.

RSE will inform the Construction Project Manager of any significant omissions, substitutions, defects and deficiencies noted in the work of the Contractor and the corrective action that has been directed to be performed by the Contractor.

### **1. On-site Inspection**

RSE staff will monitor the Contractor's on-site construction activities and inspect materials entering into the work in accordance with the plans, specifications, and special provisions for the Construction Contract to determine that the projects are constructed in reasonable conformity with such documents. RSE will maintain detailed accurate records of the Contractor's project daily operations and of significant events that affect the work. RSE will monitor and inspect Contractor's Work Zone Traffic Control Plan and review modifications to the Work Zone Traffic Control Plan, including Alternate Work Zone Traffic Control Plan, in accordance with the County's procedures.

### **2. Sampling and Testing**

The RSE Team will perform sampling and testing of component materials and completed work in accordance with the Construction Contract documents. The minimum sampling frequencies set out in the County and/or FDOT's Materials Sampling, Testing and Reporting Guide shall be met. In complying with the aforementioned guide, RSE will provide daily surveillance (when requested by the County) of the Contractor's Quality Control activities and the RSE Team

will perform the sampling and testing of materials for verification and acceptance. RSE will determine the acceptability of all materials and completed work items on the basis of either test results or verification of a certification, certified mill analysis, FDOT label, FDOT stamp, etc. Documentation reports on sampling and testing performed will be submitted during the same week that the construction work is done. The RSE Team will transport samples to be tested in a laboratory to the appropriate laboratory or appropriate local facility.

### **3. Engineering Services**

RSE's engineering services shall include maintaining the required level of surveillance of Contractor activities, interpreting plans, specifications, and special provisions for the Construction Contract. RSE will maintain complete, accurate records of all activities and events relating to the project and properly document all project changes. The following services can be performed by RSE:

- Schedule and attend Site Manager informational meeting with the *County's Project Manager*. Provide appropriate staff to attend and participate in this meeting.
- Attend a meeting with the County construction environmental liaison prior to the pre-construction conference and another meeting prior to project final acceptance. The purpose of these meetings is to discuss the required documentation, including as-builts, necessary for permit(s) compliance.
- Verify that the Contractor is conducting inspections, preparing reports and monitoring all stormwater pollution prevention measures associated with the project. For each project that requires the use of the NPDES General Permit, provide at least one inspector who has successfully completed the "Florida Stormwater, Erosion, and Sedimentation Control Training and Certification Program for Inspectors and Contractors". RSE's inspector will be familiar with the requirements set forth in the FEDERAL REGISTER, Vol. 57, No. 187, Friday, September 5, 1992, pages 4412 to 4435 "Final NPDES General Permits for Storm Water Discharges from Construction Sites" and the County's guidelines.
- Analyze problems that arise on a project and proposals submitted by the Contractor; work to resolve such issues, and process the necessary paperwork.



- Monitor, inspect and document utility construction for conformance with Utility Agency's Standards and the Utility Agency's Approved Materials List. Facilitate coordination and communication between Utility Agency's representatives, County's staff and Contractors executing the work. Identify potential utility conflicts and assist in the resolution of utility issues including County and Local Government owned facilities.
- Produce reports, verify quantity calculations and field measure for payment purposes, as needed, to prevent delays in Contractor operations and to facilitate prompt processing of such information in order for the County to make timely payment to the Contractor.



**APPENDIX A**

**RESUMES**



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Jacques Registe, P.E.***

*Senior Structural Engineer, President*

Mr. Registe is a civil engineer for Registe, Sliger Engineering, Inc. with more than 26 years of experience in both the general civil and structural engineering fields including roadway and bridge design, drainage design and permitting. Mr. Registe's engineering experience includes the preparation of design and permit documentation for many projects throughout the State of Florida. His professional experience has been acquired through multiple project responsibilities involving comprehensive analysis, engineering and design tasks for both roadway and bridge projects. His years of experience have been almost exclusively in the State of Florida where Mr. Registe enjoys an exemplary reputation for quality and on-time work.

Mr. Registe is responsible for the design, plans production and preparation of construction documents for all highway and bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project. He is certified in Advanced Maintenance of Traffic for FDOT projects.

**Education:** M.S. Civil Engineering, 1989  
FAMU/FSU, Tallahassee, Florida  
B.S., Civil Engineering, 1985  
FAMU/FSU, Tallahassee, Florida  
License, Civil Engineering, 1983  
Université Roi Henry Christophe, Cap Haitien, Haiti

**Registrations:** Florida PE #43397  
Georgia PE #27712

**Years Experience with Current Firm:** 9

**Years Experience Total:** 26

#### **Detailed Project Experience:**

**District-Wide Engineering Design Projects, District III, FDOT, Florida** – Project Manager for these projects which included intersection design, traffic operations design, signal design, drainage design, permitting and highway design. The contract totaled \$500,000 and consisted of an assignment of work orders by the client. Responsibilities included the preparation of detailed scope of services and associated fees, interfacing with management, technical staff and permitting agencies as well as detailed design.

**SR 45 (US 41) Design - Bell Lake Road to Suydam Road, Land O' Lakes, Florida** – Project Manager/Project Engineer responsible for providing the final design and plans preparation of this 4.9 kilometer improvement project. The project completed in metric units consisted of reconstruction and replacement of US 41 from Bell Lake Road to CR 583 from 2-lanes rural to 6-lane divided urban arterial highway (3 km) and reconstruction and replacement of US 41 from CR 583 to Suydam Road from 2-lanes rural to a 4-lane divided rural arterial with provision for future widening to 6-lanes. Project cost: \$2.1 Million.

**Florida's Turnpike Widening (Boca Raton Interchange to Atlantic Blvd), Florida** – Project Highway and Bridge Engineer for this project which involved the design of 5.3 miles of Turnpike widening from 4 to 6 lanes including redesign of the Boca Raton Interchange, a 35 year old interchange, to current design

standards. A new bridge was designed at the interchange to span the widened Turnpike. The project also called for a new bridge design at Clint Moore Road, which required a special designed temporary bridge and widening of two additional structures to carry the extended Turnpike roadway. Project cost: \$6.5 Million.

**Bridge Replacement Projects, Group 09-3, FDOT, Florida** – Project Manager for both the new bridge replacement tasks required for the projects in Group 09-3. Work includes the preparation of Typical Section Packages, Drainage and Bridge Hydraulics Reports, roadway and bridge design and plans preparation, utility relocation plans and the development MOT. Project cost: \$952,000.

**CR 269 over the CSX Railroad, Chattahoochee, FDOT, Florida** – Project Engineer for both the 3,000 feet of new roadway on a new alignment and a bridge over the CSX Railroad in Chattahoochee, Florida. Responsible for roadway geometry design and plans preparation, design of an enclosed drainage system, retention pond designs, utility relocation plans and maintenance of traffic plans preparation. Additional tasks include assisting the FDOT with permit application requirements and review of the bridge plans over the CSX Railroad. \$2.1 Million.

**SR 60 Bridge Replacements, Osceola County, Florida** – Served as Project Engineer for the roadway and bridge engineering tasks on the project. Work included roadway reconstruction of 500m to both ends of the two new bridges being designed under this contract. Mr. Registe was responsible for all design and plans preparation for the project. \$950,000.

**H-3 Kaneohe Interchange, Oahu, Hawaii** – Bridge Designer responsible for analysis of the designs of the Ramp B structure and all main line pier segments. The main line consists of twin, parallel post-tensioned concrete box structures approximately 1,700 feet long, built in balanced cantilever. Ramp B is 600 feet long post-tensioned concrete box structure and was built span by span. \$300 Million.

**SR 4 Bridge Replacement over Escambia River, FDOT, Florida** – Provided preliminary and final design calculations and was responsible for the development of construction plans for this bridge replacement project. Produced and/or checked the designs and details of all the structural elements and prepared the computer program input and analyzed the output for geometry, grades, foundations and girder programs. Also generated the final detailed contract plans and material estimates. \$4.25 Million.

#### **Professional Affiliations**

American Society of Civil Engineers  
American Society of Highway Engineers





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### ***John F. Sliger, II, P.E.***

*Vice President, Project Manager*

Mr. Sliger is a structural/civil engineer with a wide variety of experiences in project management as well as structural, highway, water resources and utility engineering since entering the consulting business in 1994. He is an experienced structural and bridge designer, as well as structural inspector. In the past six years, Mr. Sliger has inspected over 60 structures throughout Florida. He is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, RISA 3D finite element software, RAM advanced finite element software and SAP 2000. Mr. Sliger is a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

**Education:** B.S. Civil Engineering  
FAMU/FSU, Tallahassee, Florida, 1995  
Graduate Studies, Florida State University  
Associates of Science in Building Construction Technology, Lake Superior State University

**Registration:** Florida PE #55550

**Years Experience with Current Firm:** 7

**Years Experience Total:** 16

#### **Detailed Project Experience:**

**SR Sea Shell Seawall, Franklin County, Florida** – Designer responsible for the design calculations, plans production and quantity estimate for a 700 foot long concrete seawall. Project cost: \$500,000.

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two cell concrete box structure. Design work included preparation of the Bridge Development Report and structural calculation utilizing the AASHTO LRFD code. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two-span, flat slab structure. Design work included a preparation of the Bridge Development Report and structural design calculations and plans utilizing the AASHTO LRFD code. Project cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Engineer of record for the design and plans preparation for 100 ft and 60 ft long wooden bridges. Work included preparation of design calculations and construction documents. Project cost: \$200,000.

**Florida Keys Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Engineer responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Design

included the use of carbon and glass fiber near surface reinforcement spall repairs. Project cost: \$2.5 - \$3.5 Million.

**Ft. Clinch State Park, Fishing Pier Inspection, Fernandina Beach, Florida** – Engineer responsible for the inspection and rehabilitation design for 3,900 feet long pre-stressed fishing pier. Inspection tasks included underwater, substructure and superstructure of a 2,200 feet long fishing pier. Design plans included pre-stressed slab replacement and rehabilitation, railing enhancements and pile jacks design. Project cost: \$1.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Design Engineer responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the design and construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project cost: \$1.3 Million.

**Smith Creek Bridge Inspection and Rehabilitation, CR375, Leon County, Florida** – Design Engineer responsible for the inspection, load rating and rehabilitation plans for a 125 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Additional items included the design of new pile and pile jacks. Project cost: \$70,000.

**Sand Hill Lakes Mitigation Bank Bridge and Bridge Culverts Design, Washington County, Florida** – Engineer of Record for three steel bridges, two concrete box culverts, associated approach work and bridge hydraulics report utilizing ICPR3. Additional items included bid assistance, construction assistants and inspection to include shop drawing review, site visits and approval of contractors pay request. Project cost: \$500,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail (FM414587-1), Monroe County, Florida** – Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project cost: \$300,000.

**US 41 (SR 45) Bridge over Spring Creek, Collier County, Florida** – Engineer responsible for the review of the bridge hydraulics report, load rating, design calculations and the bridge development report for this bridge replacement project. Prepared the computer input and analyzed the output for the preliminary design and details for the slab and girder structural elements. Project cost: \$1.2 Million.

**John Sims Parkway (SR 85) Bridge and Roadway Improvements, Niceville, Florida** – Engineer responsible for the design and preparation of plans and estimate for the widening to six through-lanes of approximately one mile of a major urban arterial. Design work included a new six-lane, 300 foot span bridge, providing for new turning lanes for two major interchanges, development of vertical and horizontal alignments and superelevation in accordance with current AASHTO standards. Maintenance of Traffic Plans were developed that utilized staged construction in an effort to minimize the impact of construction on extremely large daily traffic volumes. Project cost: \$5 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, American Society of Highway Engineers





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CIVIL, STRUCTURAL, AND WATER RESOURCES

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PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Danielle Marrero, P.E.***

*Project Engineer*

Ms. Marrero is a Project Engineer with a wide variety of experiences in roadway design, water resources and utility engineering. Ms. Marrero offers significant permitting and stormwater design experience in North Florida. She has participated in the infrastructure design for several major residential developments throughout Walton, Wakulla, Jefferson, Jackson and Leon counties, with responsibilities ranging from feasibility analysis to final construction observation services. Ms. Marrero has worked for a variety of clients in both the public and private sectors. She offers extensive experience in permitting projects with the City of Tallahassee, Leon County, Walton County, various Water Management Districts, Florida Department of Environmental Protection (FDEP) and Florida Department of Transportation (FDOT). In addition to being a Registered Professional Engineer in Florida and Mississippi, Ms. Marrero is also a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

Ms. Marrero is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, HEC-RAS, WSPRO, HY-8, ICPR 3 and Ponds drainage design software.

**Education:** B.S. Civil Engineering, Magna Cum Laude  
FAMU/FSU, Tallahassee, Florida, 2003  
Graduate Studies, Florida State University

**Registrations:** Florida PE #66450  
Mississippi PE #19290

**Years Experience With Current Firm:** 2

**Years Experience Total:** 9

#### **Detailed Project Experience:**

**Smith Creek Road Bridge over Black Creek, Leon County, Florida** – Engineer responsible for the HEC-RAS modeling for the bridge hydraulics report for a 125 foot bridge replacement. \$70,000.

**Florida Caverns State Park, Fish Hatchery Road Bridge over the Chipola River, Jackson County, Florida** – Engineer responsible for Bridge Hydraulics Report for bridge replacement project. Tasks included hydraulic modeling utilizing HEC-RAS and HY-8. Project cost: \$10,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida** – assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

**The Preserve at Lindsey Island, Taylor County, Florida** – project manager for this 92-acre, 20-lot subdivision located along the Gulf of Mexico. Coordinated with multiple subconsultants to design a plan that balanced the concerns and requirements of neighboring communities and regulatory agencies.

The design strove to minimize development impacts to pristine wetlands with the confines imposed on the project by regulatory agencies. Project cost: \$400,000.

**Big & Little Talbot Islands and Fort George Island State Parks, Duval County, Florida** - provided feasibility analyses and preliminary designs with cost estimates for five hydrologic restoration projects at three state parks. Responsibilities included evaluating available data resources, data collection programs, developing and calibrating hydrologic and hydraulic models, evaluating the performance of existing and proposed stormwater systems and design of remedial measures, in conjunction with ecological field requirements to restore natural hydrology to ditched and drained ecosystems. Project cost: \$75,000.

**Florida Keys Overseas Heritage Trail (FKOHT), Monroe County, Florida** - project engineer assisting in the design, permitting and construction phase services for several portions of this historic trailway system. The client for this project is the FDEP's Office of Greenways and Trails. Funding partners include the Florida Department of Transportation and Monroe County. The projects are part of the 106-mile long FKOHT project that will ultimately connect Key West to Key Largo. The FKOHT was designated as one of three statewide priorities for FDEP under the direction of Governor Jeb Bush. Assisted with the following segments: Project cost: \$2.5 - \$3.5 Million.

- **Lower Sugar Loaf to Summerland Key (US-1 MM 16.5 to 25.5):** drainage design for approximately eight miles of shared use path along US-1 (SR 5) and portions of the old abandoned SR 4A highway.
- **Layton to Channel 5 Bridge (US-1 MM 68.4 to 70.8):** drainage design for approximately two miles of shared use path along US-1 (SR 5).

### Professional Affiliations

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society

### Awards and Recognition

*Young Professional of the Year*, American Council of Engineering Companies, 2007  
*Semi-Finalist*, New Faces in Engineering, National Engineers Week Foundation, 2007  
*Young Engineer of the Year*, American Society of Civil Engineers Tallahassee Branch, 2006  
*Finalist*, American Concrete Institute Graduate Studies Fellowship, 2003





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### ***Mary Persson, P.E.***

*Project Engineer*

Ms. Persson is a Project Engineer who lends her expertise to projects encompassing residential, commercial, recreational, and transportation features. She has provided designs for stormwater management systems; both new roadway widening projects; as well as masonry and timber structures. Ms. Persson has participated in the permitting processes for numerous projects and is knowledgeable of the governing structures and requirements that are associated with such projects.

Ms. Persson is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD, MathCAD, RISA, SWMM5 and ASAD software.

**Education:** B.S. Civil Engineering, Cum Laude  
FAMU/FSU, Tallahassee, FL, 2002  
Graduate Studies, Florida State University

**Registration:** Florida PE #67436

**Years Experience With Current Firm:** 1

**Years Experience Total:** 10

#### **Detailed Project Experience:**

**Florida Keys Overseas Heritage Trail, Monroe County, Florida-** Engineer responsible for the trail design and plans production for approximately 10 miles of shared use path for pedestrians and bicyclists along US-1 in the Florida Keys. Project cost: \$2.5 – 3.5 Million.

**John Pennekamp State Park, Monroe County, Florida-** Engineer responsible for the design of ADA improvements for the visitor center, dive shop, and trail in the Florida Keys. Project cost: \$100,000.

**Apalachee Parkway Sidewalk, Leon County, Florida-** Performed stormwater design, sidewalk layout, plans production, and permitting for the addition of 2,100 linear feet of sidewalk for the City of Tallahassee. Project cost: \$200,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida –** assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

134 North Flagler Ave. Pompano Beach, FL 33060

PHONE: (954) 678-9916 - FAX: (850) 224-0505

### ***Andre C. Vaillancourt, P.E.***

Mr. Vaillancourt is a civil engineer with more than 40 years of experience in maintenance, construction and structural engineering. Mr. Vaillancourt's engineering experience includes the preparation of design documentation as well as supervision of construction and maintenance activities for the Florida, as well as Vermont, Departments of Transportation. Mr. Vaillancourt has had extensive experience in the inspection, rehabilitation and design of widening and new bridge structures.

Mr. Vaillancourt is responsible for the quality control on all bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project.

**Education:** B.S. Civil Engineering  
New England College  
Graduate Studies at Florida State University

**Registration:** Florida PE #15997

#### **Experience:**

Over the past two years Mr. Vaillancourt has been providing bridge design and construction engineering services for our clients. The following projects represent the most recent relevant construction and inspection experience performed by Mr. Vaillancourt:

**Channel Two Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Bow Channel Historic Bridge Inspection and Rehabilitation, Florida Keys, Monroe County** - Design Engineer responsible for the inspection and rehabilitation plans for a 1,302 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Rehabilitation plans included the use of near surface tension reinforcement with carbon fiber. Project Cost: \$3.5 Million.

**State of Florida, Department of Transportation:** Operations Division, Assistant Residence Maintenance Engineer, Palm Beach County. Responsible for unit's engineering services section consisting of maintenance contract administration, maintenance management systems, claims investigation, roadway characteristics inventory, safety, permits, automotive repair shop, and served as the Resident Maintenance Engineer in his absence.

**State of Florida, Department of Transportation:** Supervisor of unit consisting of five engineering and eight technical positions. Directly responsible for the Bridge Inspection Program in the seven counties of the 4th District including reviewing and signing as confirming Professional Engineer on all Bridge Inspection Reports which identify deficiencies and make recommendations for repairs and establish load ratings for the 850± structures on the State System.



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***Carlos Campos, E.I.***

*Project Designer*

Mr. Campos is a Project Designer with experience in roadway, drainage and structural design, plans production using Microstation/Geopak and construction administration.

**Education:** A.S. Civil Engineering Technology, 2004      **Registration:** Florida EI #1100013567  
Tallahassee Community College, Florida  
B.S. Civil Engineering, 2008  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience with Current Firm: 6**

**Years Experience Total: 6**

### **Detailed Project Experience:**

**Timberlane and Timberlane School Road Intersection Improvements, Leon County, Florida** – Assisted in the construction oversight on an intersection improvement project including sidewalks, storm drains, stormwater pond and the installation of approximately 200 linear feet of anchored sheet pile retaining wall. Specific tasks included oversight mill and resurfacing operations, inspection of paving operations and coordination with utility companies. Project cost: \$700,000

**Lake Henrietta Pedestrian Bridge and Trail, Leon County, Florida**– Assisted in the construction inspection of 200 feet of elevated wooden boardwalk, paved bike trail and 100 foot long steel girder bridge. Specific tasks included oversight of drilled shaft pile installation operations, steel girder installation, boardwalk construction and inspection of cast in place bridge caps and deck. Project cost: \$300,000

**Florida River Island Bridge, Liberty County, Florida**– Assisted in the construction inspection of a 180 foot long, simple span Type II Girder bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, AASHTO girder installation, inspection of cast in place bridge caps, barrier wall and deck, and inspection of approach work. Project cost: \$1.3 Million

**Bald Point State Park, Franklin County, Florida**– Assisted in the construction inspection of a single span 100 foot long steel truss bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, sheet pile wall installation, bridge construction and inspection of cast in place bridge caps, barrier wall and deck. Project cost: \$700,000.

**Smith Creek Road Bridge over Black Creek, Leon County, Florida**– Assisted in the construction inspection of the rehabilitation of a 105 foot long flat slab bridge. Specific tasks included oversight of helical pile installation, pile jackets and bridge deck rehabilitation. Project cost: \$70,000

**Aeon Church Road Sidewalk Project, Leon County, Florida**– Assisted in the construction oversight of ½ mile of sidewalk construction in an urban environment. Tasks included construction inspection of

gravity wall installation, sidewalk construction, rail installation and driveway installation. Project cost: \$300,000

**Meginnis Arm Spillway Project, Leon County, Florida**– Assisted in the construction oversight of a 180 foot long concrete spillway. Specific duties included mix design review, review of soil testing data, review of density test data, inspection of reinforcement placement, inspection of joint seals placement. Project cost: \$60,000

**Pimlico Road Project, Leon County Florida**– Assisted in the construction inspection of an intersection improvement. Specific duties included inspection of box culvert installation, sidewalk installation, guardrail installation and inspection of the roadway construction operations. Project cost: \$60,000.

**Fairbanks Ferry Road Bus Turnaround Project, Leon County, Florida**– Assisted in the construction oversight of a paved bus turnaround. Tasks included construction inspection of concrete sheet pile installation, inspection of the stormwater management facility and inspection of roadway paving operations. Project cost: \$100,000.





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Samantha Kaparos***

*Staff Engineer*

Ms. Kaparos is a Staff Engineer with Registe, Sliger Engineering, Inc. with experience in structural and drainage design.

**Education:** B.S. Civil Engineering, 2010  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience With Firm:** 1

**Years Experience Total:** 1

#### **Detailed Project Experience:**

**Atlantic Ridge Preserve State Park** – Engineer intern responsible for the design and plans preparation for the day use facility. Work included preparation of design calculations and plans. Project cost: \$80,000

**Lauder Pond Embankment Seepage Investigation, Leon County, Florida** – Assisted with design, plan preparation and cost estimation of three alternatives to remediate water seepage through and under the embankment along the east side of the stormwater management facility at Lauder Pond. Design cost: \$9,000

**Lafayette Park Retaining Wall, Leon County, Florida** – Assisted with the design and preparation of plans for a reinforced concrete retaining wall at Lafayette Park. Design cost: \$5,000

**Bush Road Over Wrights Creek, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.5 Million.

**Flowing Well over Limestone Branch, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.2 Million.

**US 231 Bridge over Bear Creek, Bay County, Florida** – Assisted with load rating of the 275 foot steel girder bridge. Design cost: \$12,000.

#### **Professional Affiliations:**

Member, American Society of Civil Engineers  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Larry Tew***

*Senior Designer*

Mr. Tew has over 39 years of experience in the field of highway design, including signing and markings, and signal design for isolated intersections. He has experience on both rural and urban design projects as well as in project management. He also has experience in engineering/land planning including preparation of cure plans for impacted parcels, layout of parking and internal circulation plans, cure plan cost estimates, and quality control of cure plans to insure compliance to local comprehensive land planning requirements. His experience with District 3 of the Florida Department of Transportation and with private consulting firms is summarized as follows:

**Education:** Chipley High School, Chipley Florida, June, 1965

#### **Detailed Project Experience:**

Design Engineer in charge of the following projects with closed drainage systems, pedestrian and bike features, stormwater management facilities, signalized intersections, sensitive environmental issues, complex construction sequence phasing and traffic control designs, and extensive utility conflicts:

- **SR 30 (U.S. 98)**, San Destin FL: From end of four lane to 0.6 mile west of Mack Bayou Road. \$1Million.
- **SR 173 (Blue Angel Parkway)**, Pensacola, FL: From U.S. 98 to Saufley Road. \$1.1 Million.
- **Twenty Third Street**, Panama City, FL: A 1.6 mile major urban multi-lane project from U.S. 98 to Beck Avenue. \$1.5 Million.

**Thomasville Road Flyover Project**, Tallahassee, FL: A major project that was done under extreme time restraints. Served as Project Manager. \$6 Million.

**SR8 (I-10) Interstate Rehabilitation Projects:** Served as Design Engineer in charge of most of these projects that were done by FDOT District Three personnel from 1985 to 1995. Listed below are a few of these projects.

- From Santa Rosa County Line to 0.6 mile west of Yellow River. \$750,000.
- From 0.3 mile east of CR 183 to Holmes County Line. \$1.1 Million.
- From 0.6 mile west of CR65 to 0.5 mile west of SR 267. \$1.3 Million.
- From Walton County Line to Choctawhatchee River. \$1.5 Million.
- From 4.2 miles east of SR 71 to 1.5 miles east of CR 69A. \$1.4 Million.
- From Washington County Line to 1 mile west of SR 276. \$1.4 Million
- Perdido River Bridge. \$8 Million.
- From 0.6 mile east of SR 57 to Madison County Line. \$1.7 Million.

**Projects designed to comply with FDOT RRR criteria, some of which were intersection improvement with lane additions and signalization.**

- **SR 10**, Walton County: A 14.7 mile resurfacing and safety improvement project. \$4.5 Million.
- **SR 63**, Leon County: a 1.7 mile multi-lane urban resurfacing with pedestrian facility upgrade and signal loop replacements. \$600,000.
- **SR 12**, Gadsden County: R/R Crossing improvement. \$500,000.
- **Holmes County**, Countywide Guardrail installation project for approximately 80 locations. \$300,000.
- **SR 95**, Escambia County: Intersection improvement at CR 184/Beck's Lake Road. Included lane additions and signal with preemption features. \$800,000.
- **SR 75**, Cottondale FL: R / R Crossing improvement and signal with preemption features. \$750,000.
- **SR 85**, Ft. Walton, FL: Drainage improvements. \$500,000.



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Brett Williams***

*Senior Engineering Technician*

Mr. Williams is an Engineering Technician for Registe, Sliger Engineering, Inc. with a wide variety of CADD experience, covering a wide range of bridge and highway projects. Mr. Williams is proficient in the use of Computer Aided Design software packages such as: Microstation/Geopak and AutoCAD computer systems.

**Years Experience with Current Firm: 3.5**

**Years Experience Total: 6**

#### **Detailed Project Experience:**

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two cell concrete box structure. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two-span, flat slab structure. Project Cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Technician responsible for the plans preparation for a 100 ft wooden bridge and a 60 ft long wooden bridge. Work included preparation of construction documents. Project cost: \$200,000.

**Florida Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Technician responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Project Cost: \$2.5 - \$3.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Technician responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project Cost: \$1.3 Million.

**Timberlane and Timberlane School Rd. Intersection Improvements, Leon County, Florida** – Technician responsible for the preliminary plans production for an intersection improvement project. Project Cost \$700,000.

**Ft Cooper State Park, Bike Trail, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance for one mile of multi use trail. Project cost: \$60,000

**Ft Cooper State Park, Invasive Species Site, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance of a 1.5 acre commercial site. Project cost: \$450,000



**APPENDIX B**  
**SUBCONSULTANTS**



**NOBLES CONSULTING  
GROUP, INC.**



2844 PABLO AVENUE  
TALLAHASSEE, FL 32308  
P:850.385.1179  
F:850.385.1404

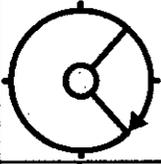
March 2, 2011  
Ms. Danielle E. Marrero, P.E.  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough Street  
Tallahassee, Florida 32303

RE: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Ms. Marrero,  
Nobles Consulting Group, Inc. agrees to provide Professional Surveying and Mapping support services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. Should there be any questions regarding this agreement or additional information required please contact me at (850) 385-1179.

Nobles Consulting Group, Inc.

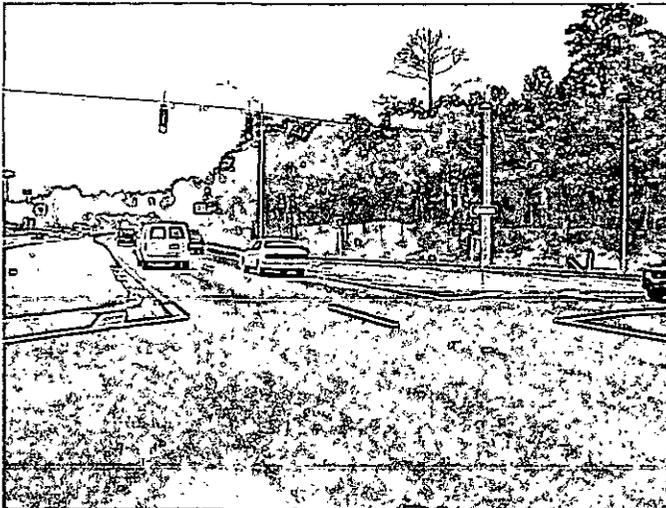
James E. Melcher, P.S.M.  
Project Manager



**NCG**  
NOBLES CONSULTING GROUP, INC.

## Roadway Surveying Services

- ◆ **Preliminary Design and Engineering/Corridor** Correlate and combine ground-based survey control and data with remote sensing information, collected by methods such as LiDAR and Photogrammetry .
- ◆ **Roadway rehabilitation and enhancements** NCG can interweave conventionally surveyed data and 3D laser scanning data through the use of our terrestrial scanning, software, and mobile scanning.
- ◆ **Bridge Replacement and Modifications** NCG can provide existing conditions data for the replacement or reinforcement of existing structures, from simple cross drain and box culvert ensembles to multi-segment bridge structures.
- ◆ **Multilane Reconstructions** NCG can provide both Right of Way Control Surveys and Right of Way Maps for acquisition purposes and design survey services.
- ◆ **Intersection Improvements** NCG works with designers to gather information pertinent to particular projects, such as adding turn lanes, realigning side roads, or the placement of signal poles.



- ◆ **Platting of dedicated rights of way within subdivisions**
- ◆ **Roadway Construction Layout and Site Grading** NCG can provide layout of new corridors providing project control, alignment staking and referencing, curb and gutter/pavement/sidewalk layout, drainage structure staking and site grading using both conventional and machine grade technology.
- ◆ **Construction Engineering Inspection Surveys (CEI)** NCG can provide survey services needed for CEI projects, from checking and reestablishing project control to pre and post construction surveys, including as-builts and finished grade conditions, for use in calculations and project certifications.
- ◆ **Driveway Permitting** NCG can provide survey services for new and rerouted driveway tie-ins.
- ◆ **Eminent Domain / Maintained Right of Way** NCG has worked with State and County officials to determine maintenance limits on existing projects and to delineate required right of way areas on proposed and enhanced projects where right of way is needed.

Visit our website at [www.ncginc.com](http://www.ncginc.com) for additional corporate and services information.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Paul Williamson, PSM</b>	<b>13. ROLE IN THIS CONTRACT</b> Project Manager	<b>14. YEARS EXPERIENCE</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">a. TOTAL</td> <td style="width: 50%; border-bottom: 1px solid black;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">38</td> <td style="text-align: center;">21</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	38	21
a. TOTAL	b. WITH CURRENT FIRM						
38	21						
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Nobles Consulting Group - Tallahassee, Florida</b>							
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> B.S., Finance/Florida State University		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Florida #3208, Professional Surveyor and Mapper					
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Mr. Williamson is a registered land surveyor and presently is the Project Manager in charge of the survey field crews. He has over 38 years' experience in surveying and was previously the owner of his own land surveying firm. Paul also utilizes his background in finance to perform economic studies as needed.							
19. RELEVANT PROJECTS							
a.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Canopy at Welaunee</b> <b>Tallahassee, Florida</b>	<b>(2) YEAR COMPLETED</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border-bottom: 1px solid black;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">2007</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2007	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2007							
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Manager - 980 Acre topographic and tree survey, cross section roadways, cross section Fleishman Road. \$138,000.		<input checked="" type="checkbox"/> Check if project performed with current firm					
b.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Stone Buildings - FSU Campus</b> <b>Tallahassee, Florida</b>	<b>(2) YEAR COMPLETED</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border-bottom: 1px solid black;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">2007</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2007	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2007							
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Manager - Topographic tree and utility survey. Locate existing improvements, used scanner for data collecting. \$58,000.		<input checked="" type="checkbox"/> Check if project performed with current firm					
c.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Gadsden County High School</b> <b>Gadsden County, Florida</b>	<b>(2) YEAR COMPLETED</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border-bottom: 1px solid black;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">2005</td> <td style="text-align: center;">2004</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2005	2004
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2005	2004						
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Manager - Boundary and topographic survey of 100 acres, Construction stakeout construction of new high school, As built survey of new facility. \$50,320.		<input checked="" type="checkbox"/> Check if project performed with current firm					
d.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Heritage Oaks Apartments</b> <b>Ocala Road, Tallahassee, Florida</b>	<b>(2) YEAR COMPLETED</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border-bottom: 1px solid black;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">2005</td> <td style="text-align: center;">2005</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2005	2005
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2005	2005						
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Manager - Boundary, topographic, tree and utility survey of 38 acre site, Stakeout for all buildings, roads, walks and utilities, As built survey of utilities and all improvements. \$23,000.		<input checked="" type="checkbox"/> Check if project performed with current firm					
e.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Chiles High School</b> <b>Tallahassee, Florida</b>	<b>(2) YEAR COMPLETED</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border-bottom: 1px solid black;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">2006</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2006	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2006							
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Manager - Boundary, topographic and utility survey construction stakeout for buildings, utilities and Storm water management facility, As built survey of complete facility. \$30,000		<input checked="" type="checkbox"/> Check if project performed with current firm					

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>M. Kevin Mears, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State) <b>Nobles Consulting Group - Tallahassee, Florida</b>	
--	---

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida #5459, Professional Surveyor and Mapper
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Mr. Mears serves as a field coordinator responsible for creating and implementing the best practices standards for field staff. He has had formal training in GPS systems, government retracement surveys, wetland mapping and office processing systems. Mr. Mears has provided field and office services for miscellaneous FDOT surveying projects and field control for QA/QC of LiDAR mapping.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>Tallahassee-St. Marks Historic Railroad City of St. Marks to City of Tallahassee, Florida</b>	2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager and surveyor for Topographic Survey of 16 mile bicycle and equestrian trail in Leon and Wakulla Counties. Survey done for Office of Greenway and Trails, design of trail improvements and trailheads. Horizontal control pairs were established at 3 mile intervals from a static GPS control network. Permanent benchmarks were established at 1000-foot intervals by digital leveling.		
b.	<b>River Bend Havana, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager and surveyor for Boundary Survey of 2000 acres in Gadsden County. A dependent resurvey of portions eight (8) sections using Public Land Survey field notes and plats. Researched legal descriptions, analyzed boundary evidence. Determined Ordinary High Water elevation by field transects and LiDAR data. LiDAR data was also used to plot positions of section corners from Government Land Office Field Notes. Fee \$65,000.		
c.	<b>Comfort Creek Property Lake Talquin, Florida</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project manager and surveyor for Boundary and Topographic Survey of Dependent resurvey of 470 acres in Gadsden County. Control was established for LiDAR Mapping from a static GPS network and conventional leveling. A topographic survey map was prepared showing contours at 1-foot interval, using LiDAR and conventional field survey data.		
d.	<b>SummerCamp Subdivision St. Teresa, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project manager and surveyor for Dependent resurvey of 800 acre parcel in three fractional sections in the John Forbes and Company Land Grant on the Gulf of Mexico. Survey included mapping of approximately five miles of Mean High Water and twenty-one miles of wetlands. Retracement of the privately surveyed sections was aided by 1960 field notes by local surveyor J.B. Hathaway. Survey control established by static GPS network and conventional leveling.		
e.	<b>Box R Ranch Apalachicola, Florida</b>	2003	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager and Surveyor for Boundary Survey of 8000 acres in the John Forbes and Company Land Grant. A dependent resurvey of 19 sections was done using P.L.S. field notes and plats of the township and range lines that divided the privately surveyed sections. Researched legal descriptions and maps to retrace private sections. Seven, three-man, field crews were used to complete the field survey within 90-days. Analyzed boundary evidence, identified boundary conflicts and encroachments.		



**ENVIRONMENTAL &  
GEOTECHNICAL  
SPECIALISTS, INC.**



ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.

March 3, 2011

Registe, Sliger Engineering, Inc.  
1427 North Bronough Street  
Tallahassee, FL 32303

**ATTN:** Jacques Registe, P.E.  
President

**RE:** Letter of Commitment  
Leon County Proposal Number: BC-03-17-11-25  
Civil Engineering Services Continuing Supply

Dear Jacques:

On behalf of Environmental and Geotechnical Specialists, Inc. (EGS), I am pleased to be part of the Registe, Sliger Engineering, Inc. team to perform geotechnical services as needed for the above referenced proposal. I confirm our commitment to meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective investigations and deliverables to you and your client. Further, these projects will have our highest priority with respect to scheduling staff and resources.

EGS is a Minority Business Enterprise (MBE) registered with Leon County and the City of Tallahassee. I have attached proof of our certification.

EGS looks forward to working with you and the Leon County Board of County Commissioners. If you have any questions or need additional information, please contact me at (850) 386-1253.

Very truly yours,

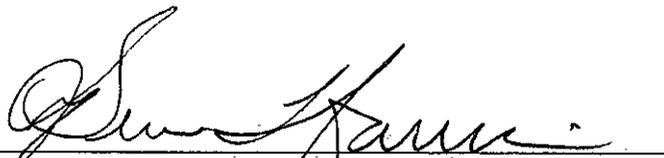
**Environmental and Geotechnical Specialists, Inc.**

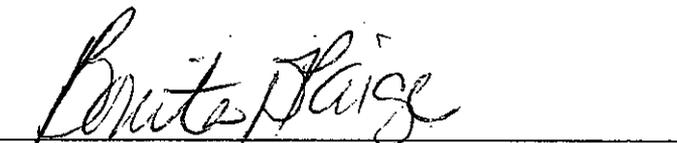
Judith M. Hayden, P.E.  
President



This certifies that  
**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALTIES, INCORPORATED**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**May 18, 2010 to May 31, 2011**

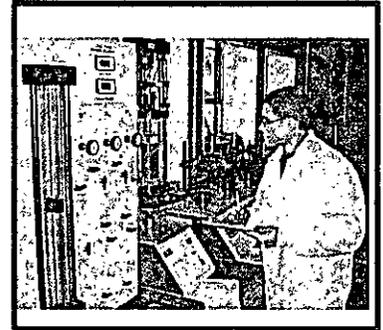
  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**

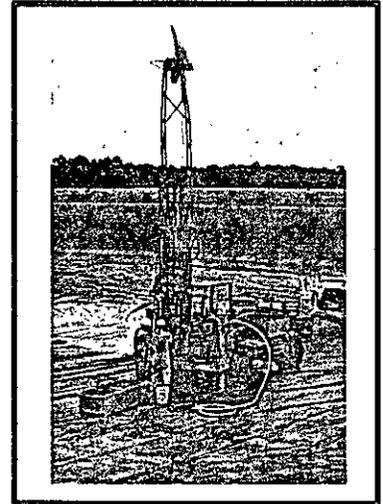
H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

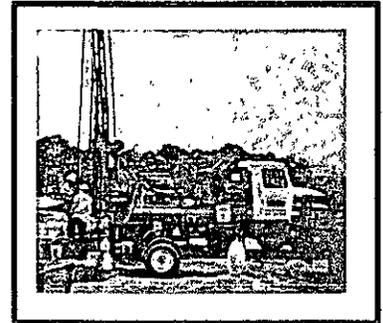
The M/DBE firm of Environmental and Geotechnical Specialists, Inc. (EGS) will be providing specialty services to the design team. EGS is highly qualified and has an outstanding work experience within the panhandle of Northwest Florida. EGS specializes in the areas of wetland permitting, environmental site assessments and geotechnical investigations and designs. The staff at EGS has been providing professional services since 1992. EGS is dedicated to providing exceptional services at competitive rates.



EGS is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS's professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services.



EGS also has a professional and knowledgeable staff experienced in providing environmental assessments and engineering solutions to various construction related environmental problems encountered during the planning, engineering and design phase of the projects. EGS's staff is familiar with the regulatory requirements of the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the Northwest Florida Water Management District. The results of EGS's investigations are presented in a focused engineering report prepared by a licensed professional engineer.



The staff at EGS is committed to satisfy the needs of their clients on all aspects of an assigned task. EGS will meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective testing and deliverables. Further, the projects will have our highest priority with respect to scheduling staff and resources. EGS will pledge to go the "extra mile" to meet the needs and expectations of the project.



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

*Judith M. Hayden*

32. DATE

Sept. 14, 2009

33. NAME AND TITLE

Judith M. Hayden, P.E., President

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Myron L. Hayden, Ph.D., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Tri-State Univ., 1974 Master of Science - Civil Engineering, Oklahoma State Univ., 1975 Doctor of Philosophy - Geotechnical Engineering, Oklahoma State Univ., 1978	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 34067, FL
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Florida Engineering Society (Elected Fellow, Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Society of Civil Engineers (Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Public Works Association

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>General Service Contract</b> City of Tallahassee, Public Works Dept.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable) On-going

a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
Serve as project manager for miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the Geotechnical analysis for the construction of new roadway, mast arm installation, slope evaluations, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>General Service Contract</b> Florida Dept. of Transportation, District 3, Chipley, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) On-Going

b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
Provide miscellaneous services to the Florida Department of Transportation under a General Service Agreement. The tasks have included the geotechnical analysis for roadway design, culvert extensions, bridge foundations, bridge repair, mast arm installation, slope evaluations, base failures, lane additions and stormwater pond designs.

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) On-Going

c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
Provided the detailed geotechnical design services for the construction of two (2) day tanks to be constructed at the TPS Water Reclamation Facility. The investigation included an evaluation of potential karst features, foundation design recommendations, and construction concerns. Also provided the detailed geotechnical design for the upgrade of facility.

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>Capital Cascade Trail Park - Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) On-Going

d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
The Capital Cascade Trail project is a flood relief and greenways plan for a 5.2 mile corridor through Tallahassee, Florida. This project includes the planning and design for trails, parks, pedestrian bridges, and greenway amenities in combination with the stormwater aspect of flood control for the St. Augustine Branch and the Central Drainage Ditch. EGS worked with the Genesis Group to provide the foundation designs for the various aspects of the project.

Check if project performed with current firm

(1) TITLE AND LOCATION (City and State) <b>McKeithen Road Improvements Project</b> City of Tallahassee, Public Works Dept.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES On-Going	CONSTRUCTION (If applicable) On-Going

e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
Conducted the geotechnical investigation for the widening of five (5) segments of the Capital Circle widening project. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, stormwater treatment facilities and the remediation recommendations for karst features.

Check if project performed with current firm

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Derwood C. Sheppard, Jr., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) <b>Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Florida State University, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 69228, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers Florida Engineering Society			

19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the project engineer for the design of the proposed improvements to the Thomas P. Smith Wastewater Treatment Facility. The project included the design of various structures and foundations ranging from shallow spread footings, mat foundations and deep soil improvements.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
<b>Capital Cascade Trail Park – Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the project engineer for the geotechnical investigation of Capital Cascade Trail Park. The project has included the design of retaining walls, culvert structures, pedestrian bridges, water features, stormwater ponds and realigned roadways.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
<b>Connie Drive Flood Relief</b> City of Tallahassee, Public Works Dept.	2008		
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the project engineer for the geotechnical investigation of Connie Drive Flood Relief improvements project. The project included the suitable mater determination for drainage lines and culverts and the geotechnical design parameters for the construction of box culverts and an earthen dam.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
<b>Capital Circle Widening</b> Blueprint 2000 and Beyond, Tallahassee, FL	On-going	On-Going	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served the project engineer for the geotechnical investigation of Capital Circle Southeast Roadway Improvements project for 2 segments of the roadway (Connie Drive to Tram Road, and Tram Road to Woodville Highway). The project included the design analysis of new roadway, and stormwater ponds as well as the slope stability associated with the existing embankments.	<input type="checkbox"/>	Check if project performed with current firm	
<b>McKeithen Road</b> City of Tallahassee, Public Works Dept.	2008		
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assisted with the geotechnical investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included roadway design with curb and gutter, culvert extensions, and stormwater treatment and attenuations facilities. In addition, the project included an investigation for karst features.	<input type="checkbox"/>	Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Thomas H. Hayden, P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) <b>Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, University of South Florida, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 67492, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (Pres. Big Bend Chapter 2008) (Young Engineer of the Year 2008) Florida Engineering Society			

19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
<b>John's Building, UST Removal</b> City of Tallahassee, Public Works Dept., Real Estate Div.	2009	2009	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Supervised the underground storage tank removal for the City of Tallahassee at the John's Building. The project included the removal, removal of contaminated soil, CEI Inspection, environmental sampling and analysis, and well closure.	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Lake Bradford Lift Station</b> City of Tallahassee, Water Utility Dept.	2008		
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assisted in the geotechnical investigation for the Lake Bradford Lift Station. This project included the development of the geotechnical design parameters and recommendations for the construction considerations for the proposed construction. Served as field manager for the drilling and laboratory testing associated with the project.	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Providence Neighborhood Enhancement-Pavement Design</b> City of Tallahassee, Public Works Dept.	2008		
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the pavement core and condition survey for the Providence Neighborhood Improvements Project. This project included the pavement core and condition survey, the base, subgrade and embankment compaction analysis, bituminous design parameters and construction considerations for the proposed improvements.	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Tom Brown Park – Tennis Court Rehabilitation</b> City of Tallahassee, Parks, Recreation and Neighborhood Affairs Dept	2009		
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assisting the City of Tallahassee with the analysis for the pavement failure at the Tom Brown Park Tennis Court Complex. The project included the subsurface investigation, field and laboratory compaction analysis, bituminous evaluations, and design recommendations for the proposed project.	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Capital Circle Force Main By-Pass</b> City of Tallahassee, Water Utility Dept.	2006	2007	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Supervised the field work required for the installation of soil borings for the construction of a force main from Miccosukee Road to Eliza Road. The project included marking the boring locations, receiving utility clearance, conducting laboratory testing and preparation of the geotechnical report with design and construction recommendations.	<input checked="" type="checkbox"/> Check if project performed with current firm		



**MILLER'S  
TREE SERVICE**



March 13, 2011

Danielle Marrero  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough St.  
Tallahassee, FL 32303

Re: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Dear Danielle,

This letter confirms our commitment to provide mitigation services and certified arborist services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. If you have any other questions, please give me a call.

Sincerely,

Clay Culpepper  
Gibbs & Culpepper Tree Service  
(now Miller's Tree Service)  
Certified Arborist FL5924A  
850-566-3881

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Ray Culpepper</b>	13. ROLE IN THIS CONTRACT <b>Certified Arborist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>5</b>	b. WITH CURRENT FIRM <b>5</b>
15. FIRM NAME AND LOCATION (City and State) <b>Gibbs/Culpepper Tree Svc (now Miller's Tree Service) Tallahassee, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science in Commerce and Business Administration, with distinction. Accounting.  Masters Degree in Tax Accounting.</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>State of Florida Certified Arborist. FL5924A</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>President, Tallahassee Young Entrepreneurs Organization, 2011 Voted Best Tree Service in Tallahassee, 2008-2010</b>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES		CONSTRUCTION (if applicable)	
		2009	2010	2009	2010
Supreme Court Bldg Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a very highly scrutinized water intrusion project at the Supreme Court Building where we mitigated 4 very large live oaks to protect them during this 2 year project. Our Cost: \$30,000					
Evening Rose Development Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a new development at the corner of Mahan and Capital Cr NW where LEED certification and "green" concepts were the focus. We performed mitigation and on going arborist services for the contractor and developer over a 4 year period. Cost: \$200,000.					
Kohl's Store Fort Walton, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new Kohl's. We mitigated approximately 30 trees in the new proposed parking lot and around the proposed building. Cost: \$20,000					
Florida Sheriffs Association Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new building around 7-8 very large live oaks. We mitigated all the trees to prepare them for the impacts of construction. cost: \$8,000					
Many newly constructed homes Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for many local newly constructed homes where we prepare mitigation plans and implement them to protect the trees on the site from the impacts of construction. Average Cost: \$2,000 per site					



**APPENDIX C**

**PROJECT  
INFORMATION FORMS**



## *Aenon Church Sidewalk*

### *Leon County, Florida*

#### **Project Owner:**

**Leon County Department  
of Public Works**  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

#### **Owners Project Manager:**

Felton Ard, PE

#### **Key Team Members and Role:**

**John Sliger, PE -  
Project Manager**  
**Jacques Registe, PE -  
Structural Engineer**  
**Carlos Campos, EI -  
Engineer Intern**  
**Brett Williams -  
Technician**

#### **Project Completed:**

July 2009

#### **Project Overview**

The Aenon Church Road Sidewalk Project is located in Leon County, Florida along the east side of Aenon Church Road from north of Gum Road to the intersection of U.S. 90. This project included approximately 3,200 linear feet of sidewalk with width varying from 5 to 6 feet. The project consisted of adding curb and gutter, along with designing a drainage system that could handle the runoff generated during a 25-year storm without causing six inches or more of ponding within the travel lane.

Closed flume inlets were constructed on the east side of Aenon Church Road to convey all the runoff from the roadway and sidewalk into the existing roadside ditches on the east side of Aenon Church Road. At the northeast quadrant of the intersection of Gum Road and Aenon Church Road, a new manhole was constructed that replaced the two headwalls located in the ditches in this area.

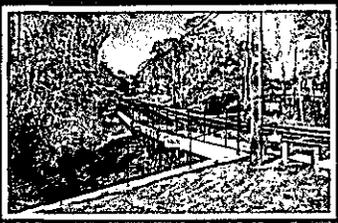
RSE also provided construction administration services, including site inspections, shop drawing review, responding to contractor's requests for information and helped resolve construction issues.



**Completed Sidewalk**



**Completed Sidewalk**



# Timberlane Road Intersection Improvements Leon County, Florida

**Project Owner:**  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308

**Owners Project Manager:**  
Chris Muehlemann, PE

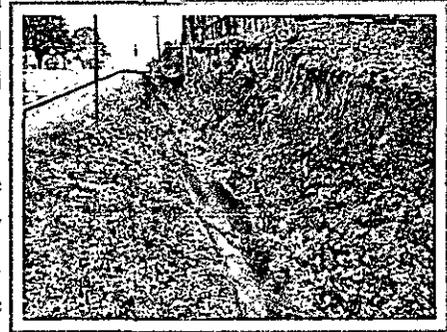
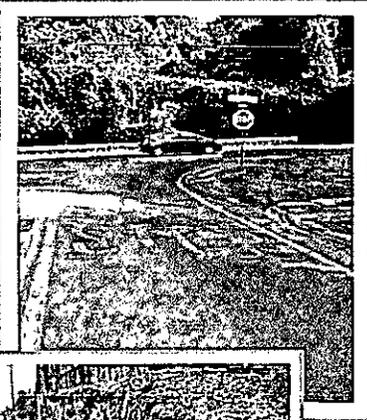
**Key Team Members and Role:**  
John Sliger, PE -  
Project Manager  
Danielle Marrero, PE -  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Project Completed:**  
May 2010

### Project Overview

The Timberlane and Timberline School Road Project is located along the intersection of Timberlane and Timberlane School Road in Leon County, Florida. The Timberlane & Timberlane School Road Project resulted from the high incidence of accidents in this area with at least one fatality in the last 10 years. Registe, Sliger Engineering, Inc. (RSE) was hired by Leon County to provide engineering services to improve the intersection. The project consisted of Timberlane Road and Timberlane School Road Intersection Improvements and well as Timberlane Road and Gilchrist Elementary School Intersection Improvements.

The project was designed to meet the required water quality treatment set forth by Leon County Growth and Environmental Management that the project must meet the Lake Jackson Stormwater criteria.



Conditions Prior to Improvements

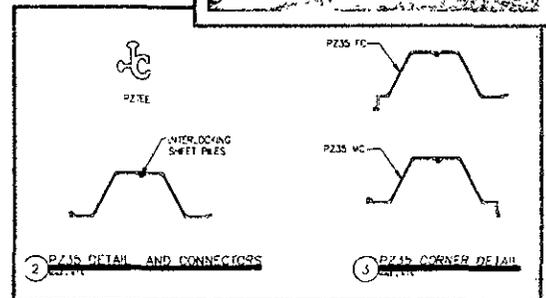
### Design

The design phase for this project began in June 2008 and ended in February 2009. Timberlane Road was widened and resurfaced. Studies were conducted to minimize wetland impacts. Stormwater analysis was also conducted and a drainage system was designed that was capable of handling the runoff generated during a 25 year storm without causing six inches or more of ponding in the travel lanes.

wetland impacts and maintain the right of way while increasing the footprint of the road, approximately 200 feet of sheet pile was installed along Timberlane Road and around the corner onto Timberlane School Road.



Left turn lanes were added at Timberlane Road into Gilchrist Elementary School and Timberlane Road onto Timberlane School Road. A WB-40 design vehicle was used when designing the turns. There was extreme erosion existing along Timberlane Road at the project site. In order to control erosion with minimal



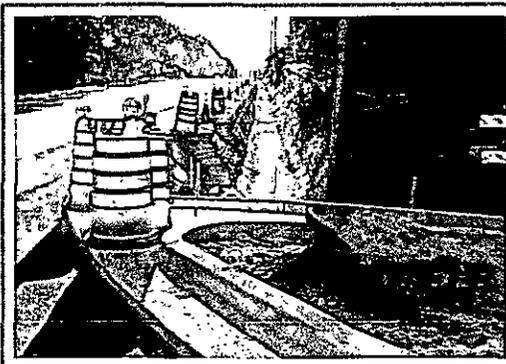
PZ35 Sheet Pile

*Timberlane Road Intersection Improvements*

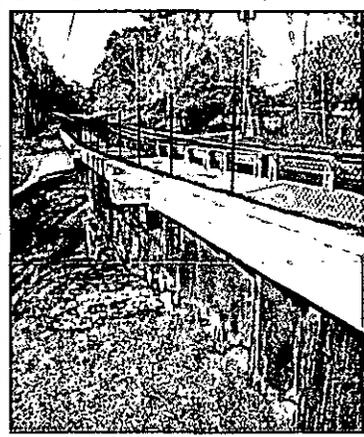
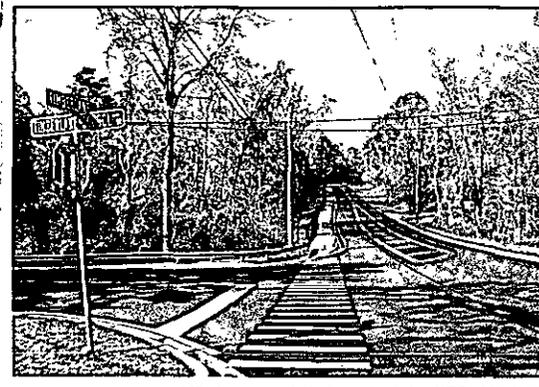
**Construction**

Construction for this project began in March 2009 and ended in May 2010.

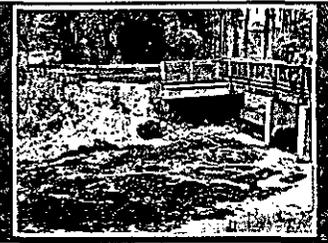
Timberlane Road was widened and resurfaced. Left turn lanes were added on Timberlane Road onto Timberlane School Road and into Gilchrest Elementary School. A sidewalk was included on one side of Timberlane road up to Timberlane School Road. Reworking the existing stormwater pond in Lakeshore Estates to handle the runoff volume generated over the additional impervious area for a 50 year-24hr storm event, storm sewer design, and ditch work along Timberlane and Timberlane School Road was also completed.



**Timberlane Road During Construction**



**Timberlane Road Completed Project**



## *Sand Hill Lakes Mitigation Bank*

### *Washington County, Florida*

#### **Project Owner:**

Northwest Florida Water  
Management District  
81 Water Management Dr  
Havana, FL 32333  
(850) 539-5999

#### **Owners Project Manager:**

Bill Cleckley

#### **Key Team Members and Role:**

John Sliger, PE - Project  
Engineer/Manager  
Carlos Campos, EI -  
Engineer Intern/  
Structures  
Brett Williams -  
Technician

#### **Project Completed:**

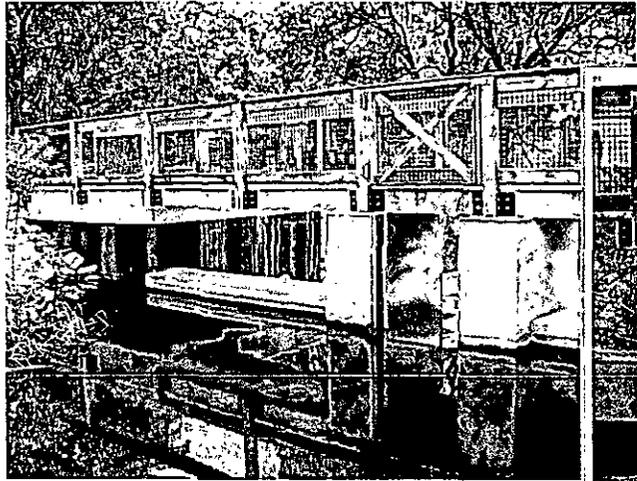
February 2008

#### **Project Overview**

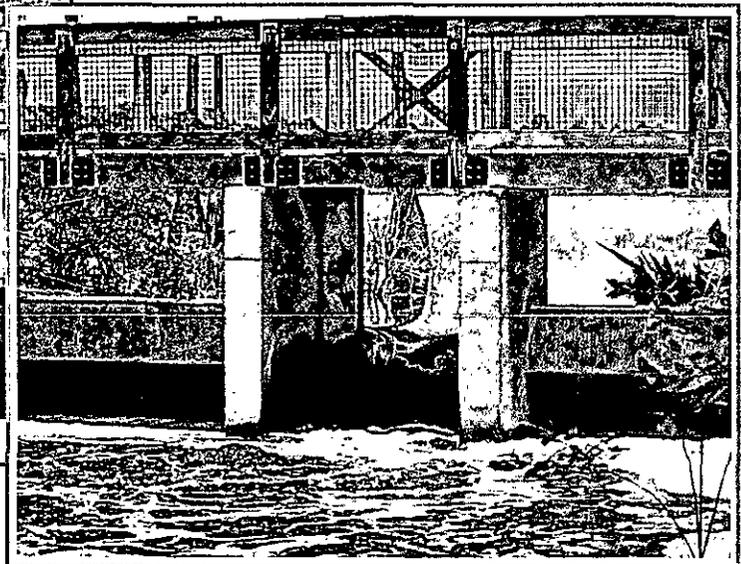
Sand Hill Lakes Mitigation Bank (SHLMB) is publicly owned and operated by the Northwest Florida Water Management District (NFWFMD). The SHLMB is preserving, enhancing, and restoring 2,155.3 acres of wetlands, natural lakes and upland buffers. It was established primarily to provide compensation for wetland impacts caused by Florida Department of Transportation (FDOT) road project.

RSE was hired by the NFWFMD to provide stormwater modeling services for the SHLMB and to design a control structure for Black Pond and five bridges. Construction administration services were also provided and included site inspections, shop drawing approval and responding to contractor's requests for information.

Tasks included a regional ICPR stormwater model of the existing and proposed conditions, calibration and verification of the model for the existing conditions, as well as hydraulic and structural engineering services for the design for 40 foot weir and slash board control structure. The control structure also included a concrete walkway to facility the control of the weir.



Control Structure



Completed Control Structure



## *Ravine Gardens Pedestrian Bridge* *Ravine Gardens State Park, Florida*

### **Project Owner:**

Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

### **Owners Project Manager:**

Richard Reinert, PE

### **Key Team Members and Role:**

Jacques Registe, PE-  
Project Manager/  
Structural Engineer  
John Sliger, PE - Project  
Engineer  
Carlos Campos, EI -  
Engineer Intern

### **Project Completed:**

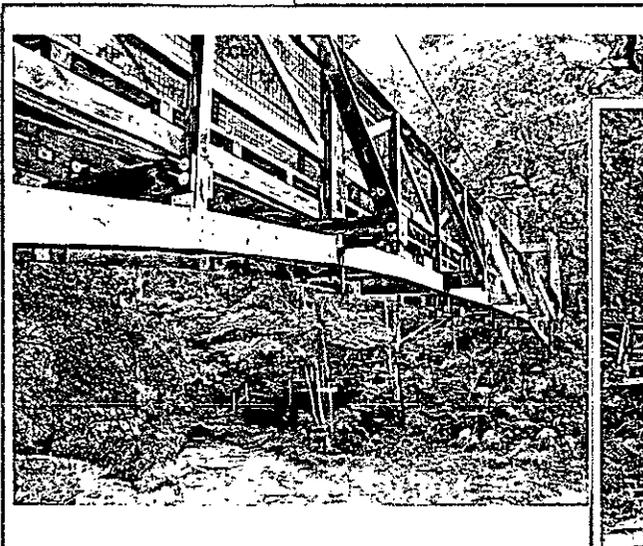
June 2006

### **Project Overview**

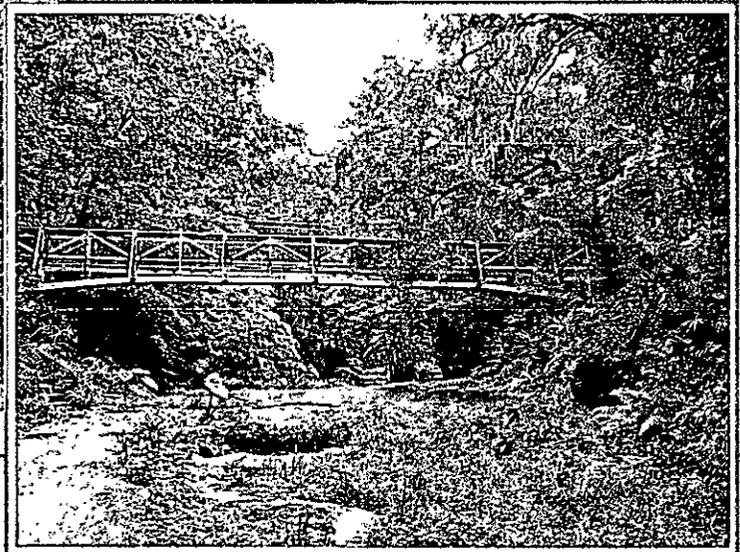
Ravine Gardens State Park was created in 1933 by the Federal Works Progress Administration. The park protects a ravine that was created over thousands of years by water flowing through the sandy ridges on the shore of the St. John's River. The ravine was transformed into a dramatic garden and much of the original landscaping still exists as formal gardens and an extensive trail system. Registe, Sliger Engineering, Inc. (RSE) was selected by Florida Department of Environmental Protection to provide bridge design and construction administration services.

RSE engineers designed the 100-foot wooden cable suspension pedestrian bridge to cross the ravine. One of the unique challenges faced in the design and construction of this project included the remote location of the bridge and difficulty in access for construction.

The Ravine Gardens State Park pedestrian bridge was one of the recipients of the 2006 ABC Excellence in Construction Award.



**Pedestrian Bridge**



**Pedestrian Bridge crossing Ravine**

## *Pimlico Sidewalk* *Leon County, Florida*

**Project Owner:**  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

**Owners Project Manager:**  
Felton Ard, PE

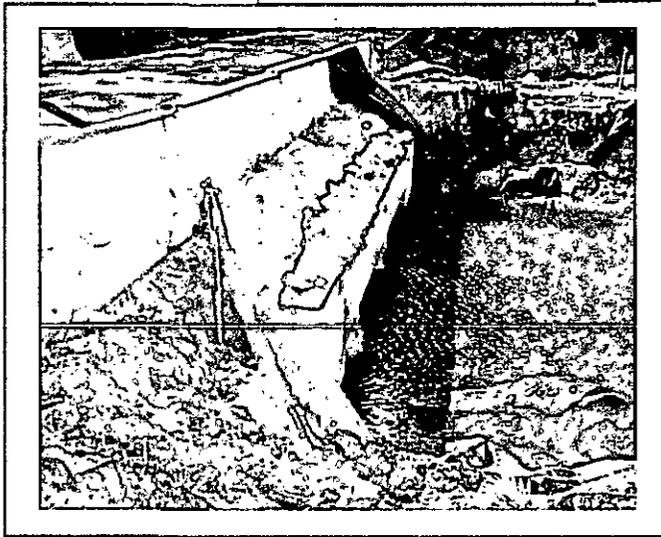
**Key Team Members and  
Role:**

John Sliger, PE -  
Project Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

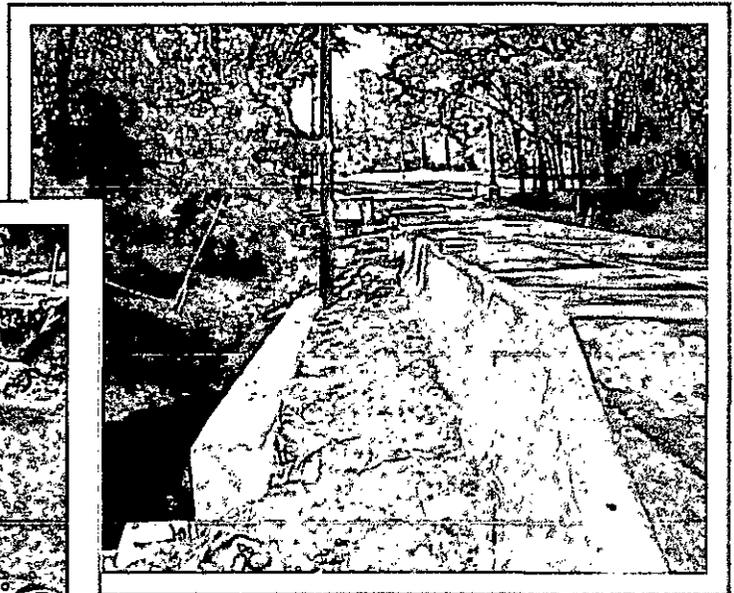
**Project Complete:**  
May 2009

### **Project Overview**

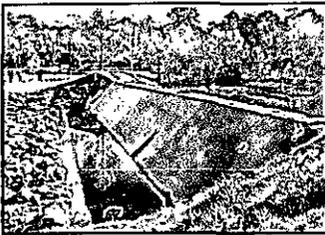
Registe, Sliger Engineering, Inc. (RSE) was retained by the County to provide construction assistance in realigning the sidewalk and headwall to allow safe passage of pedestrians. RSE provided design changes, construction drawings for the correction and construction administration services.



**During Construction**



**During Construction**



# Meginnis Arm Spillway Repair Leon County, Florida

**Project Owner:**  
Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308

**Owners Project Manager:**  
Felton Ard, PE

**Key Team Members and Role:**

John Sliger, PE -  
Project Manager  
Jacques Registe, PE -  
Project Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

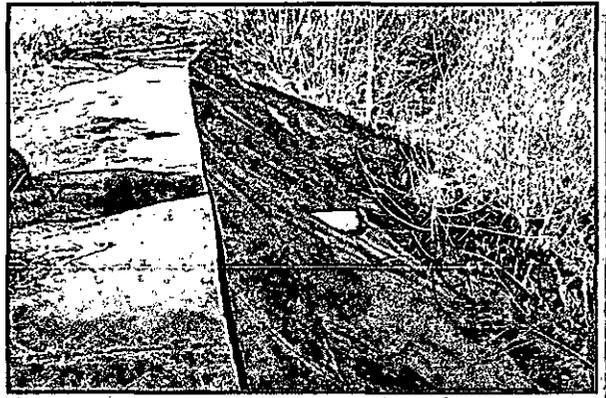
**Construction Completed:**  
December 2009

## Project Overview

The Meginnis Arm Spillway is located at the headwaters of Lake Jackson in Leon County, Florida. The 88-foot long by 10.5-foot high concrete spillway controls the discharge, along with a box structure and 10-inch discharge pipe, from Meginnis Creek Pond to Lake Jackson. The pond has a watershed area of 58.6 acres per Leon County GIS data.

The outfall side of the spillway was severely eroded during Tropical Storm Fay in 2008. As a result, the slope protection was undermined and settlement of the concrete spillway had occurred. The interior clay core had also begun to severely erode. The County budgeted the spillway's repair with the money designated to correct stormwater problems following the storm.

Registe, Sliger Engineering, Inc. (RSE) was hired by Leon County Public Works Department to provide engineering services to repair the structural integrity of the spillway.



View of Meginnis Arm Spillway prior to repair

## Design

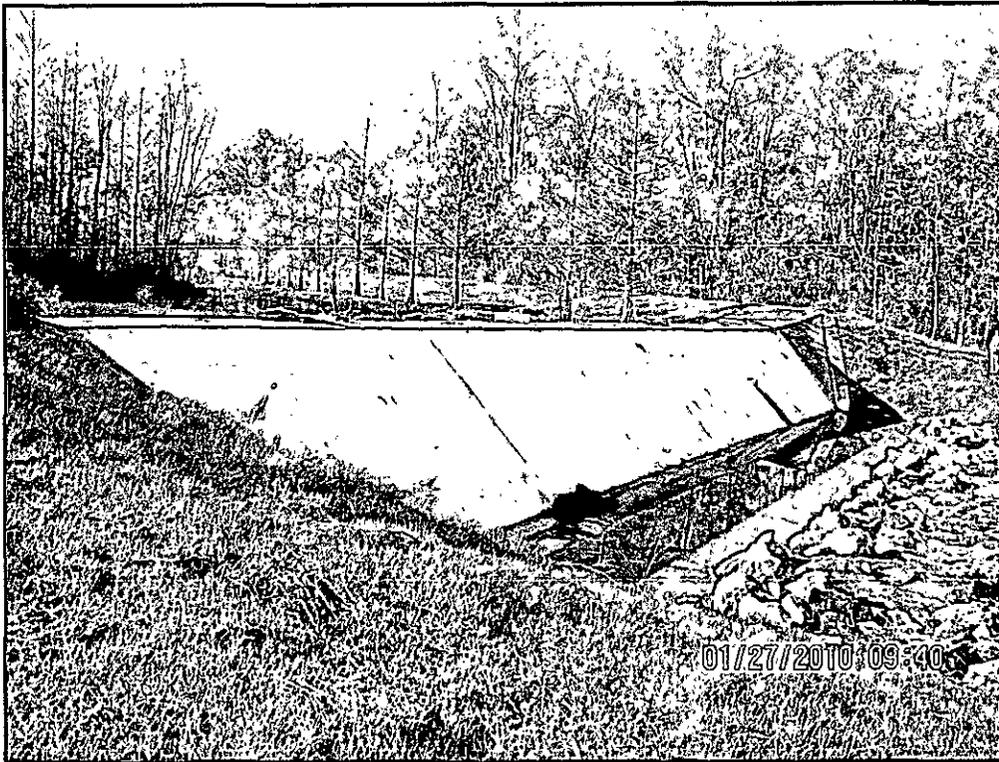
The spillway was repaired by reconstructing the internal clay core and the top and outfall side of the spillway. The existing damaged slope pavement was removed and replaced in kind to facilitate the flow over the spillway. A 12-inch wide concrete toe wall was required to protect the slope from future erosion.

### Clay Core

The internal clay core was rebuilt in 6-inch lifts and compacted to 95% modified proctor density.

### Slope Pavement

The top and outfall side of the spillway was reconstructed following the repair of the clay core. The design included 6-inches of concrete with welded wire reinforcement. A 2-foot deep toe was added to prevent further erosion and slope instabilities.



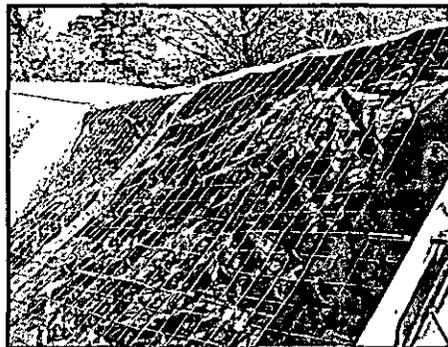
View of Meginnis Arm Spillway after repair

**Construction**

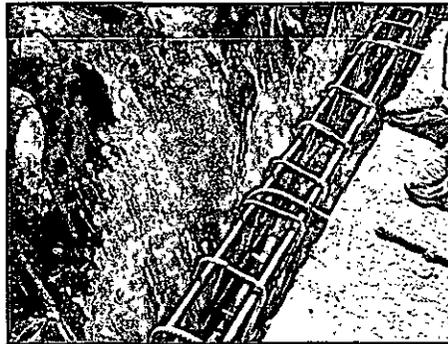
Construction began in October 2009 and was completed in December 2009. The contractor had to overcome several obstacles during construction. The main complication was in the installation of the waterstops.

**Waterstops**

A waterstop is a section of flexible waterproof material placed in concrete joints to prevent passage of water. The addition of these waterstops will help prevent future water intrusion under the concrete that will disturb the clay core.



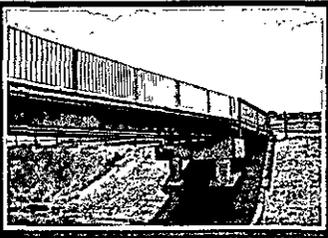
Slope during construction



Footer during construction

Registe, Sliger Engineering, Inc. was hired to perform construction administration services and worked closely with Dixie Paving & grading throughout the construction process. The close teamwork resulted in minimal delays and completion of the project within schedule and budget.

The overall benefit of the project has provided a more structurally sound and efficient structure to discharge flows into Lake Jackson.



## Lake Henrietta Pedestrian Trail and Bridge Leon County, Florida

### Project Owner:

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

### Owners Project Manager:

Pat Plocek

### Key Team Members and Role:

John Sliger, PE—  
Project Manager  
Jacques Registe, PE—  
Structural Engineer  
Carlos Campos, EI—  
Engineer Intern  
Brett Williams—  
Technician

### Construction

Completed:  
May 2010

The Lake Henrietta Pedestrian Bridge and Trail project is the missing link in a system that connects the City of Tallahassee's Silver Lake Park with Leon County's Lake Henrietta Park. The Lake Henrietta Park and the new connector trail are part of the Capital Cascades Greenway. Registe, Sliger Engineering, Inc. (RSE) was selected by Leon County to provide the civil and structural engineering design, permitting, and construction inspection services for the project.

The 950-foot long trail is lined with crushed oyster shell running along the bank of the East Drainage Ditch.

The pedestrian and bike trail that connects Silver Lake Park with Lake Henrietta Park was designed to be a 12-foot wide trail with a 6-inch limerock base and a 3-inch layer of crushed oyster shell on top. The trail changes to a 2-inch thick asphalt trail for approximately 52-feet to minimize corrosion issues as it approaches the boardwalk. The boardwalk was designed to have Trex Decking and picket railing with an aluminum handrail consistent with ADA criteria. The bridge consists of a 6-inch thick class II concrete deck on top of W24 x 62 steel girders and

### Project Overview

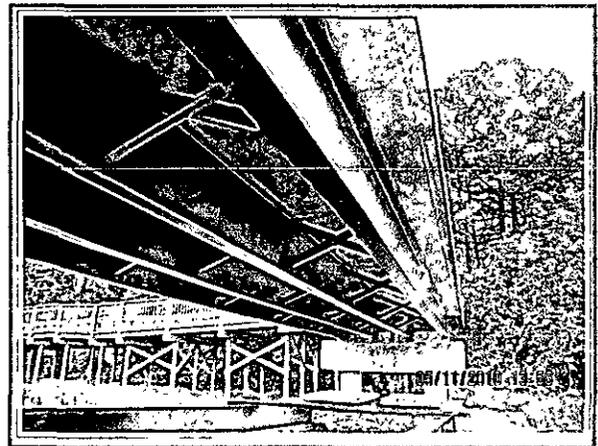
Turning to follow Munson Slough, the trail becomes a 12-foot wide, ADA compliant boardwalk to ramp up to the elevation of the 52-foot single span steel bridge. The bridge was designed to be above the 100-year floodplain elevation. The bridge then connects to the Lake Henrietta Trail, a 6,600-foot loop around the bank of Lake Henrietta.



Prior to Improvements

### Design

structural steel cross bracing. The bridge is 52-foot long and founded on 2 — 24-inch diameter concrete drilled shafts. The design phase for this project began in February 2009 and ended in July 2009.

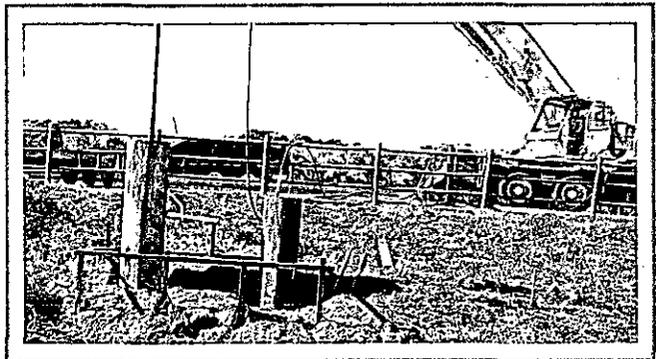


Bridge and Boardwalk

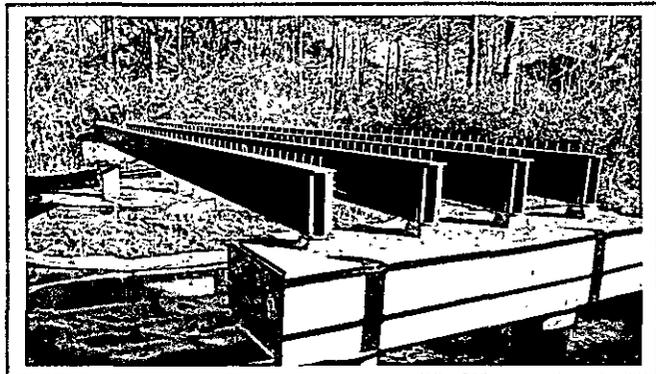
*Lake Henrietta Pedestrian Trail and Bridge*

**Construction**

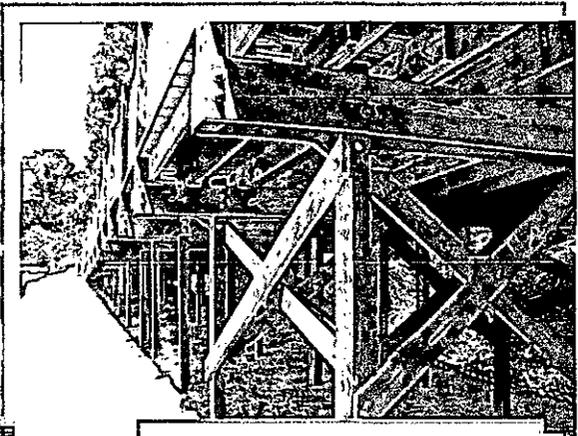
The Lake Henrietta Pedestrian Trail and Bridge project was completed in one phase of construction. Construction began in October 2009. The bridge was constructed prior to the boardwalk starting with the drilled shafts and pile caps. The girders, cross bracing, and deck were then installed. Aluminum pedestrian/bicycle railing was used on the bridge. Once the bridge was complete the boardwalk was constructed. Construction of the project was completed in June 2010 with minimal environmental impacts and complications even though the project was located in wetlands and a flood zone.



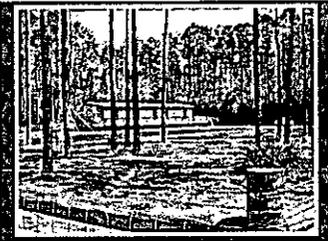
**Installation of Drilled Shafts**



**Bridge During Construction**



**Completed Boardwalk, Bridge, and Trail**



## *Fort Cooper State Park Invasive Species Site*

### *Fort Cooper State Park, Florida*

**Project Owner:**

Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**

Randall Strange

**Key Team Members and  
Role:**

John Sliger, PE - Project  
Manager/Engineer  
Carlos Campos, EI -  
Engineer Intern

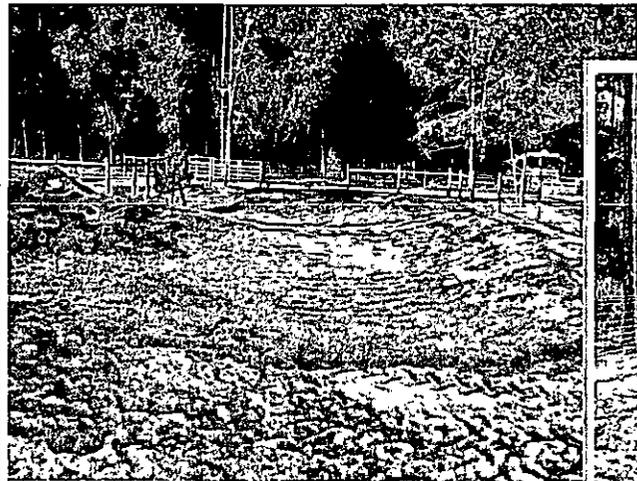
**Project Completed:**

August 2006

### **Project Overview**

RSE provided design and permitting services for the FDEP Invasive Species site located within the Fort Cooper State Park. Tasks included grading plan, potable well design, force main design, and stormwater management facilities design.

Construction administration services were also provided and included bi-monthly inspections, material testing review, shop drawing review, force main shop drawing and stormwater structures shop drawing review.



**Stormwater Management Facility**



**Stormwater Management Facility**

## *Bald Point Phase I Steel Bridge*

### *Bald Point State Park, Florida*

**Project Owner:**

Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**

James Glenn

**Key Team Members and  
Role:**

John Sliger, PE - Project  
Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

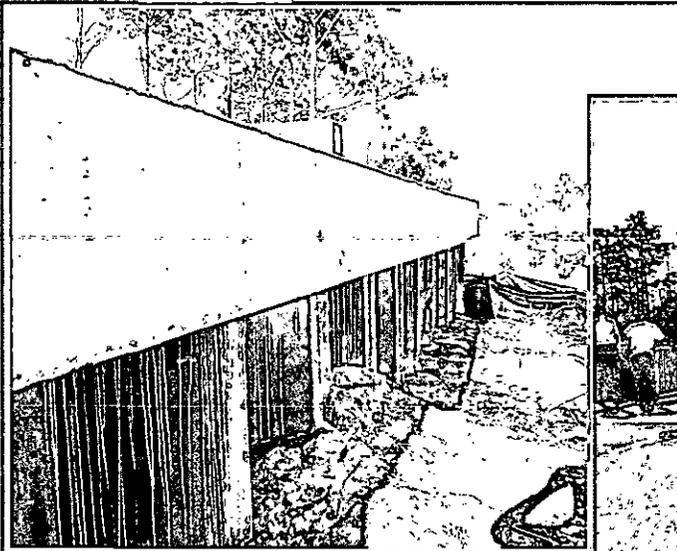
**Project Completed:**

May 2010

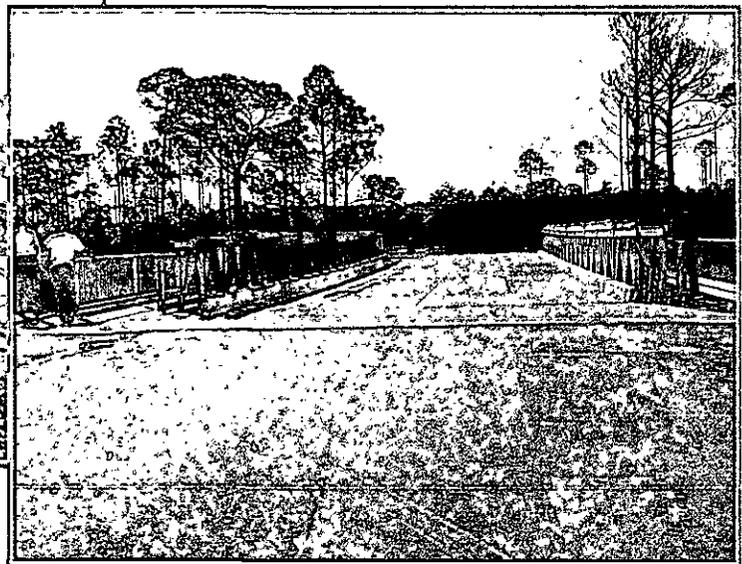
### **Project Overview**

Bald Point State Park is located on Alligator Point, where Ochlockonee Bay meets Apalachee Bay. Registe, Sliger Engineering, Inc. (RSE) was contracted to provide the construction and bridge engineering services for a 100 foot, 2 lane with sidewalk steel bridge. Design also included the foundation and sheet pile approach work.

Upon completion of the design, RSE was also contracted to provide construction observation services. Construction tasks included review of shop drawings, materials submittals, test results, reinforcement placement and pile installation. RSE performed site inspections during pile driving operations, forming of the pile caps and produced punch lists to ensure contractor compliance of contract documents.



**Pile Cap on Sheet Pile Abutment**



**Steel Bridge Nearing Completion**

# *Topsail Hill Preserve State Park Cabins* *Walton County, Florida*

**Project Owner:**  
Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**  
Don Page

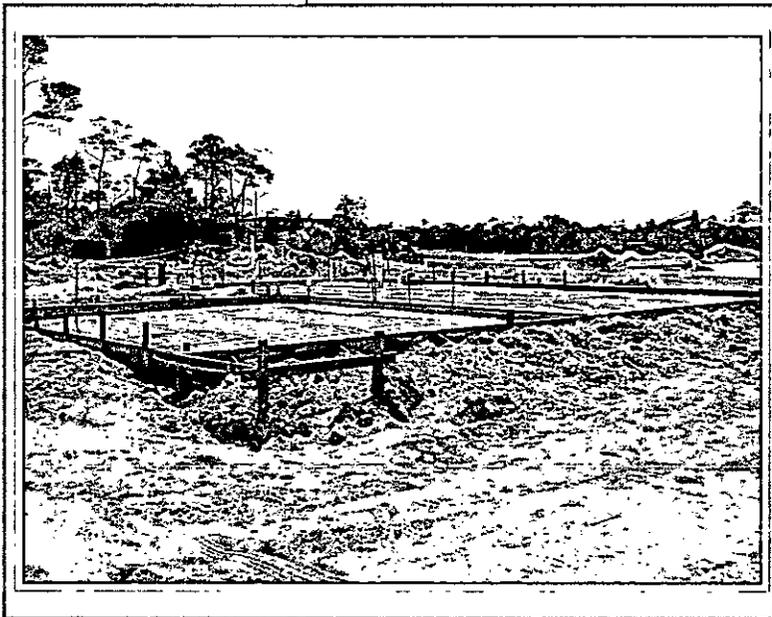
**Key Team Members and Role:**  
John Sliger, PE -  
Project Manager  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Project Completed:**  
May 2008

## **Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was contracted by Florida Department of Environmental Protection to provide wind load analysis and foundation design for a prototype cabin, one ADA cabin, and one cabin support building to be constructed at the Topsail Hill Preserve State Park. Wind loads were based on a 130 MPH wind speed, Exposure Category C, partial enclosed. It was acknowledged that the design of the prototype cabin and ADA cabin may be utilized to construct multiple units at the project site under the initial permit

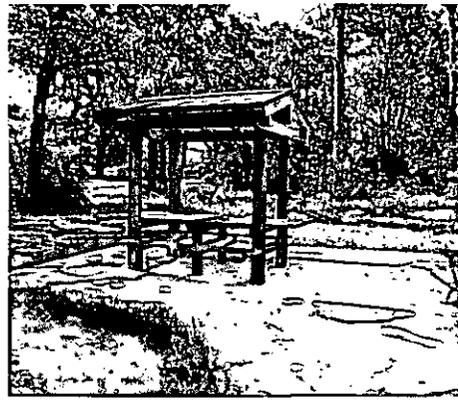
RSE provided the Department of Environmental Protection, Division of Parks and Recreation with final CADD files as well as a final set of construction drawings. RSE provided structural shop drawing review to ensure conformance to the design intent.



**During Construction**



**Wall Framing and Sheathing for Cabin Support Building**



# PARKS AND RECREATIONAL FACILITY ENGINEERING

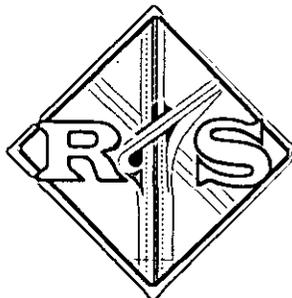


Civil Engineering Services  
Continuing Supply  
Proposal Number: BC-03-17-11-25



Submitted to:  
Leon County Board of  
Commissioners

Submitted by:  
Registe, Sliger  
Engineering, Inc.



March 17, 2011



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**A. INTRODUCTION**

Engineers at RSE understand the unique challenges faced when making park lands accessible to the public, while preserving them for the enjoyment and appreciation of future generations.

RSE understands that every detail of a park lends to the users overall experience. We excel at dealing with environmentally sensitive areas and creating a design that embraces the natural beauty of the area. RSE engineers are adept at designing roads, trails and boardwalks that can be built progressively from the completed facility, where sensitive habitat or restricted conditions limit access.

For the last eight years, RSE has designed or inspected more than 100 buildings for the Florida Department of Environmental Protection (FDEP). RSE has performed structural or civil engineering services at over 45 state parks. In addition, RSE staff members have worked on over five additional state parks and FDEP trails project prior to joining RSE.

**B. ABILITY OF PROFESSIONAL**

**1. RSE Staff Assigned**

The RSE team is immediately available and committed to the successful execution and delivery of any projects resulting from this contract. It is imperative for RSE to demonstrate to the County that it will respond rapidly, provide ample personnel and resources, perform in a technically competent manner and maintain complete project integrity, including services that are on time and within budget.

The following RSE staff members will be assigned to this contract, as well as availability to provide services on small to medium sized contracts:

RSE Staff Member	Availability
Jacques Registe, P.E.	40%
John F. Sliger, II, P.E.	60%
Danielle Marrero, P.E.	65%
Mary Persson, P.E.	25%
Andre Vaillancourt, P.E.	30%
Carlos Campos, E.I.	75%
Larry Tew	25%
Samantha Kaparos	75%
Brett Williams	50%

Detailed resumes for each staff member can be found in Appendix A.

**2. Subconsultants**

The scope of work anticipated under this work category calls for a diverse group of professionals to successfully evaluate, and then design the required construction documents for the County. The firms making up the RSE Team have sufficient staff and available manpower to adequately handle the expected workload requirements from each project. RSE enjoys a solid working relationship with all of the proposed subconsultants and has a proven track record of successful projects.

**Nobles Consulting Group, Inc.**

Nobles Consulting Group, Inc. (NCG) is a leading consulting firm of professionals who provide land surveying and mapping throughout the southeastern United States. Since its founding in 1980, NCG has specialized in creating design solutions using some of the most significant advances in technology including Terrestrial Laser Scanning, Robotic Total Stations and GPS. NCG will be responsible for all surveying tasks on the contract.

**Environmental & Geotechnical Specialists, Inc.**

Environmental & Geotechnical Specialists, Inc. (EGS) is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS' professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services. EGS will be providing all geotechnical engineering related services for this contract.

**Miller's Tree Service**

Miller's Tree Service is a locally owned and operated full service tree care business servicing greater Tallahassee and the surrounding areas. Their number-one objective is to ensure that each and every customer is satisfied with the level of service provided. Miller's Tree Service strives to meet their customer's needs and expectations by offering services that are reliable, professional and committed to excellence. Over the years, they have developed and maintained strong ties to the community as well as their customers because of their efforts; they stand behind their work. Miller's Tree Service puts the needs of the customers first and foremost.



**Hoy+Stark Architects**

Hoy+Stark Architects is a full service professional architectural organization that provides superior client service. The focus of the company is design. Hoy+Stark Architects is a professional association whose principals are registered architects in Florida, Texas and North Dakota. Mr. Hoy and Mr. Stark have been providing professional architectural services for more than 28 years on the following project types: Commercial, Retail, Educational, Institutional, Industrial, Religious, Judicial, Correctional, Residential, Master Planning, Interior Design, Tenant Improvements & Build Outs, Manufacturing, Medical, Civic and Recreational.

Also part of the Hoy+Stark team is Jeremy Floyd, RLA, LEED AP. Mr. Floyd will be the lead landscape architect on all parks and recreation projects. His diverse background in subjects ranging from due diligence and master planning to award winning park design, makes him a valuable asset to the RSE Team.

All information on subconsultants, including commitment letters and SF 330 forms, can be found in **Appendix B**.

**C. PAST PROJECT EXPERIENCE**

RSE has been providing quality parks and recreational facility engineering services since 2002. Information regarding ten of the latest parks and recreation projects can be found on the Project Information Sheets in **Appendix C**.

**D. CURRENT PROJECTS**

RSE is currently under contract on a couple parks and recreation projects for clients such as FDEP and Leon County Public Works. However, the schedule and scope of work for current contracts allows flexibility to accommodate any projects that may arise from this contract.

**Okeechepkee Prairie Recreational Area  
Tallahassee, Florida**

**Client:** Leon County Public Works Department

**Description:** The project includes the development of parking facilities, trailhead, boardwalk, pavilion, stormwater management, walking trail around existing pond and associated permitting.

**Anticipated Completion Date:** December 2011

**Rocky Bayou State Park Day Use Restroom Building  
Tallahassee, Florida**

**Client:** Florida Department of Environmental Protection

**Description:** This project includes the structural engineering design for one day use restroom building.

**Anticipated Completion Date:** May 2011

**E. QUALITY CONTROL/QUALITY ASSURANCE**

The RSE approach to Quality Control is to provide complete and accurate project deliverables that are in full compliance with published FDOT and industry standards, the project's requirements and the client's expectations.

RSE understands the County's commitment to quality. RSE's Quality Control Process is implemented to ensure the safety of the public, prevent cost overruns and eliminate delays in the construction process by minimizing errors in the contract documents.

RSE's Quality Process for Leon County projects provide a series of checks and balances, which will enable us to adhere to the policies, standards and accepted practices of Leon County. It also provides an effective tool for enhancing communication among Design Team members.

The RSE Quality Control Process for Leon County projects is essentially a three-level review process in which the plan documents are compared with the various standards to ensure that all requirements have been addressed. Prior to performing the three level reviews, the design engineer and the CADD technician would have already made all their reviews and changes. About three weeks prior to each submittal, the Chief Engineer performs a Level One review using our own in-house quality checklist. A Level Two peer review is then conducted by an in-house designer. A Level Three review is an independent review conducted by an experienced engineer not working on the project, typically Larry Tew or Andre Vaillancourt, P.E. The Level Three review is not necessary on all projects, depending on project size and complexity.

At the completion of each phase, all design plans will undergo a Level One, Two and Three review. Reviewed copies will be stamped "Check Print". The Project Engineer and subsequently the Level Two and Three reviewers will complete a thorough assessment of the plans' documents utilizing our in-house checklist and their design experience and expertise. All review comments and recommended corrections will be marked



in red on the check prints. As each comment and correction is addressed by the Design Team and incorporated into the plans, they will be "highlighted" to assure that all items have been responded to.

The above outlined approach to be used by the RSE Team has proven successful on previous projects. We are confident it will assist us in providing the County with the best possible construction plans and documents for the assignments under this contract.

## **F. RESOURCES**

RSE is confident that it can meet and exceed the County's requirements for AutoCAD qualifications, pertaining in particular to the preparation of engineering construction documents. The firm's professional designers have extensive, hands-on knowledge of the tools required to create construction documents. Additionally, RSE currently follows County and FDOT CAD standards, when prescribed.

Like Leon County, RSE supports any and all initiatives that will reduce our carbon footprint and protect the environment. This is evident in our day-to-day practices—for instance, recycle bins accompany all of the printers. RSE uses only recycled content paper to print reports and will print two-sided when feasible.

RSE is an electronically integrated organization, bringing to projects the benefits of electronic/online communications and file access/storage that reduce paper consumption and can eliminate excess travel.

## **G. SCHEDULE/BUDGET REQUIREMENTS**

### **1. Design Schedule and Budget**

Cost and scheduling control are two of the most important factors in any public sector project. Achieving quality deliverables for the County, on schedule and within budget, requires a combination of several strengths:

- Experience in planning, design, and supporting engineering disciplines
- A talented, cohesive team with all team members equally committed to the success of the project
- The ability to maintain clear, open, and ongoing communications among all team members and with the client

Offering each of these strengths, members of the proposed team are committed to delivering any project under this contract on schedule and within budget.

We recognize how important it is to develop and meet a strong schedule and budget. In developing schedules and budgets that are practical and can be maintained to the benefit of the County, we consider several key factors so that we deliver the most value to the County:

- Produce a clear understanding of the County's expectations and permitting requirements to provide a concise scope of work and design budget. This limits future additional services requests and design budget increases
- Hold bi-weekly production team meetings to prioritize our workloads to meet the County's needs
- Build in appropriate "float" at key tasks for added discussion or, as necessary, restudy to allow us to resolve all issues without falling behind schedule
- Maintain and update a Critical Path Project Schedule to present at regular progress meetings with County staff to keep you informed on important budgeting and scheduling milestones

Our approach for the timely completion of this project revolves around our ability to do the right things at the right time. By performing intensive research and analysis at project commencement, we give our team maximum opportunity to anticipate any "bumps in the road" that we may experience. Doing our homework up front allows us to work around any obstacles that may impede our efforts. It also allows the County to anticipate submission milestones and review activities. In turn, this enables us to complete this project within the allotted design budget.

### **2. Construction Schedule and Budget**

The first item necessary to ensure that project construction costs are within budget is to establish a realistic cost estimate for the project early in the design phase. As the design evolves, the construction cost estimate is updated to reflect the project scale and scope.

As a mechanism for controlling construction costs, RSE holds "value engineering" meetings with our clients to identify design alternatives to help the project maintain construction budget and schedule. Meetings are held at key design phase milestones to allow alternatives to be evaluated and incorporated. Construction cost estimates for various design schemes are calculated and the most



cost effective solution that meets the design requirements is recommended to the client for the project.

### **3. Long Term Maintenance Cost**

An often overlooked area that can add cost to a project is the long term maintenance cost associated with any public works project. RSE reviews these issues during the design process to ensure that the short term construction and long term maintenance costs are considered during the design phase of the project.

In the past, RSE staff has met with Leon County Operations Personnel onsite to establish the problems associated with the project locations. RSE has then used the information from maintenance staff to ensure that the project is designed with the long term maintenance cost minimized.

## **H. WORKLOAD**

RSE's approach to satisfying overload scenarios is multifaceted. It starts with a focused, experienced, and available project team backed by strong subconsultants. Should a situation arise in which additional personnel are required, RSE and its subconsultants are committed to responding accordingly with additional personnel and resources. Again, the proposed project team will devote its time to this project on a first-priority basis.

All projects, large or small, are given the same consideration at RSE with respect to accuracy of design and plans preparation, constructability, efficiency, aesthetics and quality.

## **I. PROJECT TEAM LOCATION**

The headquarters of RSE and all our proposed subconsultants for this contract are located in Leon County, Florida. These locally owned businesses create more jobs locally and recycle a large share of their revenue back into the local economy, enriching the whole community. The RSE office is located three miles away from the Leon County Public Works Department, allowing us to provide personalized service in a matter of minutes.

## **J. APPROACH TO PROJECT**

Every successful project begins with a meeting with the County staff to gain an understanding of project. RSE staff then meets with state and local permitting agencies, as well as other project stakeholders, to gain an understanding of project complexities and issues. A review is conducted of existing studies or plans, existing soils, floodplain and wetland information. A field review is then held at the project location with the required subconsultants.

Once all existing information has been reviewed, conversations with the County Project Manager are held to establish project deliverables. RSE staff prepares and submits a draft written proposal with associated staff hour estimate to negotiate with the County Project Manager. Revisions are made to the proposal, as required, until a Notice to Proceed (NTP) is issued from the Project Manager.

Once NTP is received from the County Project Manager, subconsultants are informed and mobilized to begin associated tasks. Typically, wetland delineations are started first, followed closely by design and boundary survey tasks and geotechnical, if required. Preliminary design and plans production is started. Progress meetings are held with County staff during design. They are arranged to ensure project deliverables meet scope requirements. Submittals are typically phased, or as negotiated in initial proposal. Pre-application meetings with permitting agencies are handled prior to 60% or Phase II submittal. Permit drawings are submitted to permitting agencies after 90% or Phase III. Final plans are checked to ensure that construction documents reflect permit conditions. Cost estimates are submitted during 60%, 90% and final plans.

RSE provides full construction assistance to the County, when requested. Services may include bid preparation assistance, responding to requests for information from contractors, value engineering, construction inspections, shop drawing review and approval, and final punch lists for contract close-out.



**APPENDIX A**

**RESUMES**



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Jacques Registe, P.E.***

*Senior Structural Engineer, President*

Mr. Registe is a civil engineer for Registe, Sliger Engineering, Inc. with more than 26 years of experience in both the general civil and structural engineering fields including roadway and bridge design, drainage design and permitting. Mr. Registe's engineering experience includes the preparation of design and permit documentation for many projects throughout the State of Florida. His professional experience has been acquired through multiple project responsibilities involving comprehensive analysis, engineering and design tasks for both roadway and bridge projects. His years of experience have been almost exclusively in the State of Florida where Mr. Registe enjoys an exemplary reputation for quality and on-time work.

Mr. Registe is responsible for the design, plans production and preparation of construction documents for all highway and bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project. He is certified in Advanced Maintenance of Traffic for FDOT projects.

**Education:** M.S. Civil Engineering, 1989  
FAMU/FSU, Tallahassee, Florida  
B.S., Civil Engineering, 1985  
FAMU/FSU, Tallahassee, Florida  
License, Civil Engineering, 1983  
Université Roi Henry Christophe, Cap Haitien, Haiti

**Registrations:** Florida PE #43397  
Georgia PE #27712

**Years Experience with Current Firm:** 9

**Years Experience Total:** 26

#### **Detailed Project Experience:**

**District-Wide Engineering Design Projects, District III, FDOT, Florida** – Project Manager for these projects which included intersection design, traffic operations design, signal design, drainage design, permitting and highway design. The contract totaled \$500,000 and consisted of an assignment of work orders by the client. Responsibilities included the preparation of detailed scope of services and associated fees, interfacing with management, technical staff and permitting agencies as well as detailed design.

**SR 45 (US 41) Design - Bell Lake Road to Suydam Road, Land O' Lakes, Florida** – Project Manager/Project Engineer responsible for providing the final design and plans preparation of this 4.9 kilometer improvement project. The project completed in metric units consisted of reconstruction and replacement of US 41 from Bell Lake Road to CR 583 from 2-lanes rural to 6-lane divided urban arterial highway (3 km) and reconstruction and replacement of US 41 from CR 583 to Suydam Road from 2-lanes rural to a 4-lane divided rural arterial with provision for future widening to 6-lanes. Project cost: \$2.1 Million.

**Florida's Turnpike Widening (Boca Raton Interchange to Atlantic Blvd), Florida** – Project Highway and Bridge Engineer for this project which involved the design of 5.3 miles of Turnpike widening from 4 to 6 lanes including redesign of the Boca Raton Interchange, a 35 year old interchange, to current design

standards. A new bridge was designed at the interchange to span the widened Turnpike. The project also called for a new bridge design at Clint Moore Road, which required a special designed temporary bridge and widening of two additional structures to carry the extended Turnpike roadway. Project cost: \$6.5 Million.

**Bridge Replacement Projects, Group 09-3, FDOT, Florida** – Project Manager for both the new bridge replacement tasks required for the projects in Group 09-3. Work includes the preparation of Typical Section Packages, Drainage and Bridge Hydraulics Reports, roadway and bridge design and plans preparation, utility relocation plans and the development MOT. Project cost: \$952,000.

**CR 269 over the CSX Railroad, Chattahoochee, FDOT, Florida** – Project Engineer for both the 3,000 feet of new roadway on a new alignment and a bridge over the CSX Railroad in Chattahoochee, Florida. Responsible for roadway geometry design and plans preparation, design of an enclosed drainage system, retention pond designs, utility relocation plans and maintenance of traffic plans preparation. Additional tasks include assisting the FDOT with permit application requirements and review of the bridge plans over the CSX Railroad. \$2.1 Million.

**SR 60 Bridge Replacements, Osceola County, Florida** – Served as Project Engineer for the roadway and bridge engineering tasks on the project. Work included roadway reconstruction of 500m to both ends of the two new bridges being designed under this contract. Mr. Registe was responsible for all design and plans preparation for the project. \$950,000.

**H-3 Kaneohe Interchange, Oahu, Hawaii** – Bridge Designer responsible for analysis of the designs of the Ramp B structure and all main line pier segments. The main line consists of twin, parallel post-tensioned concrete box structures approximately 1,700 feet long, built in balanced cantilever. Ramp B is 600 feet long post-tensioned concrete box structure and was built span by span. \$300 Million.

**SR 4 Bridge Replacement over Escambia River, FDOT, Florida** – Provided preliminary and final design calculations and was responsible for the development of construction plans for this bridge replacement project. Produced and/or checked the designs and details of all the structural elements and prepared the computer program input and analyzed the output for geometry, grades, foundations and girder programs. Also generated the final detailed contract plans and material estimates. \$4.25 Million.

#### **Professional Affiliations**

American Society of Civil Engineers  
American Society of Highway Engineers





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES  
1427 North Bronough St. Tallahassee, FL 32303  
PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***John F. Sliger, II, P.E.*** *Vice President, Project Manager*

Mr. Sliger is a structural/civil engineer with a wide variety of experiences in project management as well as structural, highway, water resources and utility engineering since entering the consulting business in 1994. He is an experienced structural and bridge designer, as well as structural inspector. In the past six years, Mr. Sliger has inspected over 60 structures throughout Florida. He is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, RISA 3D finite element software, RAM advanced finite element software and SAP 2000. Mr. Sliger is a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

**Education:** B.S. Civil Engineering  
FAMU/FSU, Tallahassee, Florida, 1995  
Graduate Studies, Florida State University  
Associates of Science in Building Construction Technology, Lake Superior State University

**Registration:** Florida PE #55550

**Years Experience with Current Firm:** 7  
**Years Experience Total:** 16

#### **Detailed Project Experience:**

**SR Sea Shell Seawall, Franklin County, Florida** – Designer responsible for the design calculations, plans production and quantity estimate for a 700 foot long concrete seawall. Project cost: \$500,000.

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two cell concrete box structure. Design work included preparation of the Bridge Development Report and structural calculation utilizing the AASHTO LRFD code. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Engineer responsible for the design and preparation of plans for a new two-span, flat slab structure. Design work included a preparation of the Bridge Development Report and structural design calculations and plans utilizing the AASHTO LRFD code. Project cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Engineer of record for the design and plans preparation for 100 ft and 60 ft long wooden bridges. Work included preparation of design calculations and construction documents. Project cost: \$200,000.

**Florida Keys Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Engineer responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Design

included the use of carbon and glass fiber near surface reinforcement spall repairs. Project cost: \$2.5 - \$3.5 Million.

**Ft. Clinch State Park, Fishing Pier Inspection, Fernandina Beach, Florida** – Engineer responsible for the inspection and rehabilitation design for 3,900 feet long pre-stressed fishing pier. Inspection tasks included underwater, substructure and superstructure of a 2,200 feet long fishing pier. Design plans included pre-stressed slab replacement and rehabilitation, railing enhancements and pile jacks design. Project cost: \$1.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Design Engineer responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the design and construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project cost: \$1.3 Million.

**Smith Creek Bridge Inspection and Rehabilitation, CR375, Leon County, Florida** – Design Engineer responsible for the inspection, load rating and rehabilitation plans for a 125 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Additional items included the design of new pile and pile jacks. Project cost: \$70,000.

**Sand Hill Lakes Mitigation Bank Bridge and Bridge Culverts Design, Washington County, Florida** – Engineer of Record for three steel bridges, two concrete box culverts, associated approach work and bridge hydraulics report utilizing ICPR3. Additional items included bid assistance, construction assistants and inspection to include shop drawing review, site visits and approval of contractors pay request. Project cost: \$500,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail (FM414587-1), Monroe County, Florida** – Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project cost: \$300,000.

**US 41 (SR 45) Bridge over Spring Creek, Collier County, Florida** – Engineer responsible for the review of the bridge hydraulics report, load rating, design calculations and the bridge development report for this bridge replacement project. Prepared the computer input and analyzed the output for the preliminary design and details for the slab and girder structural elements. Project cost: \$1.2 Million.

**John Sims Parkway (SR 85) Bridge and Roadway Improvements, Niceville, Florida** – Engineer responsible for the design and preparation of plans and estimate for the widening to six through-lanes of approximately one mile of a major urban arterial. Design work included a new six-lane, 300 foot span bridge, providing for new turning lanes for two major interchanges, development of vertical and horizontal alignments and superelevation in accordance with current AASHTO standards. Maintenance of Traffic Plans were developed that utilized staged construction in an effort to minimize the impact of construction on extremely large daily traffic volumes. Project cost: \$5 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers

Member, Tau Beta Pi Engineering Honor Society

Member, American Society of Highway Engineers





## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Danielle Marrero, P.E.***

*Project Engineer*

Ms. Marrero is a Project Engineer with a wide variety of experiences in roadway design, water resources and utility engineering. Ms. Marrero offers significant permitting and stormwater design experience in North Florida. She has participated in the infrastructure design for several major residential developments throughout Walton, Wakulla, Jefferson, Jackson and Leon counties, with responsibilities ranging from feasibility analysis to final construction observation services. Ms. Marrero has worked for a variety of clients in both the public and private sectors. She offers extensive experience in permitting projects with the City of Tallahassee, Leon County, Walton County, various Water Management Districts, Florida Department of Environmental Protection (FDEP) and Florida Department of Transportation (FDOT). In addition to being a Registered Professional Engineer in Florida and Mississippi, Ms. Marrero is also a FDEP Certified Stormwater Management Inspector and certified in Advanced Maintenance of Traffic.

Ms. Marrero is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD/Land Development, HEC-RAS, WSPRO, HY-8, ICPR 3 and Ponds drainage design software.

**Education:** B.S. Civil Engineering, Magna Cum Laude  
FAMU/FSU, Tallahassee, Florida, 2003  
Graduate Studies, Florida State University

**Registrations:** Florida PE #66450  
Mississippi PE #19290

**Years Experience With Current Firm:** 2

**Years Experience Total:** 9

#### **Detailed Project Experience:**

**Smith Creek Road Bridge over Black Creek, Leon County, Florida** – Engineer responsible for the HEC-RAS modeling for the bridge hydraulics report for a 125 foot bridge replacement. \$70,000.

**Florida Caverns State Park, Fish Hatchery Road Bridge over the Chipola River, Jackson County, Florida** – Engineer responsible for Bridge Hydraulics Report for bridge replacement project. Tasks included hydraulic modeling utilizing HEC-RAS and HY-8. Project cost: \$10,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida** – assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

**The Preserve at Lindsey Island, Taylor County, Florida** – project manager for this 92-acre, 20-lot subdivision located along the Gulf of Mexico. Coordinated with multiple subconsultants to design a plan that balanced the concerns and requirements of neighboring communities and regulatory agencies.

The design strove to minimize development impacts to pristine wetlands with the confines imposed on the project by regulatory agencies. Project cost: \$400,000.

**Big & Little Talbot Islands and Fort George Island State Parks, Duval County, Florida** - provided feasibility analyses and preliminary designs with cost estimates for five hydrologic restoration projects at three state parks. Responsibilities included evaluating available data resources, data collection programs, developing and calibrating hydrologic and hydraulic models, evaluating the performance of existing and proposed stormwater systems and design of remedial measures, in conjunction with ecological field requirements to restore natural hydrology to ditched and drained ecosystems. Project cost: \$75,000.

**Florida Keys Overseas Heritage Trail (FKOHT), Monroe County, Florida** - project engineer assisting in the design, permitting and construction phase services for several portions of this historic railway system. The client for this project is the FDEP's Office of Greenways and Trails. Funding partners include the Florida Department of Transportation and Monroe County. The projects are part of the 106-mile long FKOHT project that will ultimately connect Key West to Key Largo. The FKOHT was designated as one of three statewide priorities for FDEP under the direction of Governor Jeb Bush. Assisted with the following segments: Project cost: \$2.5 - \$3.5 Million.

- **Lower Sugar Loaf to Summerland Key (US-1 MM 16.5 to 25.5):** drainage design for approximately eight miles of shared use path along US-1 (SR 5) and portions of the old abandoned SR 4A highway.
- **Layton to Channel 5 Bridge (US-1 MM 68.4 to 70.8):** drainage design for approximately two miles of shared use path along US-1 (SR 5).

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society

#### **Awards and Recognition**

*Young Professional of the Year*, American Council of Engineering Companies, 2007  
*Semi-Finalist*, New Faces in Engineering, National Engineers Week Foundation, 2007  
*Young Engineer of the Year*, American Society of Civil Engineers Tallahassee Branch, 2006  
*Finalist*, American Concrete Institute Graduate Studies Fellowship, 2003





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1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Mary Persson, P.E.***

*Project Engineer*

Ms. Persson is a Project Engineer who lends her expertise to projects encompassing residential, commercial, recreational, and transportation features. She has provided designs for stormwater management systems; both new roadway widening projects; as well as masonry and timber structures. Ms. Persson has participated in the permitting processes for numerous projects and is knowledgeable of the governing structures and requirements that are associated with such projects.

Ms. Persson is proficient in the use of Computer Aided Design software packages including: Microstation/Geopak, AutoCAD, MathCAD, RISA, SWMM5 and ASAD software.

**Education:** B.S. Civil Engineering, Cum Laude  
FAMU/FSU, Tallahassee, FL, 2002  
Graduate Studies, Florida State University

**Registration:** Florida PE #67436

**Years Experience With Current Firm:** 1

**Years Experience Total:** 10

#### **Detailed Project Experience:**

**Florida Keys Overseas Heritage Trail, Monroe County, Florida-** Engineer responsible for the trail design and plans production for approximately 10 miles of shared use path for pedestrians and bicyclists along US-1 in the Florida Keys. Project cost: \$2.5 – 3.5 Million.

**John Pennekamp State Park, Monroe County, Florida-** Engineer responsible for the design of ADA improvements for the visitor center, dive shop, and trail in the Florida Keys. Project cost: \$100,000.

**Apalachee Parkway Sidewalk, Leon County, Florida-** Performed stormwater design, sidewalk layout, plans production, and permitting for the addition of 2,100 linear feet of sidewalk for the City of Tallahassee. Project cost: \$200,000.

**Bald Point State Park Entrance Road, Phase II, Franklin County, Florida –** assisted in the drainage design and permitting of approximately 0.62-miles of two-lane rural park roadway corridor and a new bridge along the roadway to span a wetland. Project cost: \$2 Million.

#### **Professional Affiliations**

Member, American Society of Civil Engineers  
Member, Tau Beta Pi Engineering Honor Society  
Member, Florida Engineering Society



## **Registe, Sliger Engineering, Inc.**

CIVIL, STRUCTURAL, AND WATER RESOURCES

134 North Flagler Ave. Pompano Beach, FL 33060

PHONE: (954) 678-9916 - FAX: (850) 224-0505

### ***Andre C. Vaillancourt, P.E.***

Mr. Vaillancourt is a civil engineer with more than 40 years of experience in maintenance, construction and structural engineering. Mr. Vaillancourt's engineering experience includes the preparation of design documentation as well as supervision of construction and maintenance activities for the Florida, as well as Vermont, Departments of Transportation. Mr. Vaillancourt has had extensive experience in the inspection, rehabilitation and design of widening and new bridge structures.

Mr. Vaillancourt is responsible for the quality control on all bridge design projects at Registe, Sliger Engineering. He coordinates engineering tasks with his design staff adhering to schedules and budgets established for each project.

**Education:** B.S. Civil Engineering  
New England College  
Graduate Studies at Florida State University

**Registration:** Florida PE #15997

#### **Experience:**

Over the past two years Mr. Vaillancourt has been providing bridge design and construction engineering services for our clients. The following projects represent the most recent relevant construction and inspection experience performed by Mr. Vaillancourt:

**Channel Two Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Tom's Cut Harbor Bridge Fishing Platforms, Florida Keys Overseas Heritage Trail, Monroe County** - Engineer responsible for the design and preparation of value engineered construction plans. Major items of work included pre-stressed beam and reinforced concrete design of fishing platforms. Project Cost: \$300,000.

**Bow Channel Historic Bridge Inspection and Rehabilitation, Florida Keys, Monroe County** - Design Engineer responsible for the inspection and rehabilitation plans for a 1,302 foot concrete bridge. Inspection included the review of the substructure and superstructure components of the bridge. Rehabilitation plans included the use of near surface tension reinforcement with carbon fiber. Project Cost: \$3.5 Million.

**State of Florida, Department of Transportation:** Operations Division, Assistant Residence Maintenance Engineer, Palm Beach County. Responsible for unit's engineering services section consisting of maintenance contract administration, maintenance management systems, claims investigation, roadway characteristics inventory, safety, permits, automotive repair shop, and served as the Resident Maintenance Engineer in his absence.

**State of Florida, Department of Transportation:** Supervisor of unit consisting of five engineering and eight technical positions. Directly responsible for the Bridge Inspection Program in the seven counties of the 4th District including reviewing and signing as confirming Professional Engineer on all Bridge Inspection Reports which identify deficiencies and make recommendations for repairs and establish load ratings for the 850± structures on the State System.



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***Carlos Campos, E.I.***

*Project Designer*

Mr. Campos is a Project Designer with experience in roadway, drainage and structural design, plans production using Microstation/Geopak and construction administration.

**Education:** A.S. Civil Engineering Technology, 2004  
Tallahassee Community College, Florida  
B.S. Civil Engineering, 2008  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Registration:** Florida EI #1100013567

**Years Experience with Current Firm: 6**

**Years Experience Total: 6**

### **Detailed Project Experience:**

**Timberlane and Timberlane School Road Intersection Improvements, Leon County, Florida –** Assisted in the construction oversight on an intersection improvement project including sidewalks, storm drains, stormwater pond and the installation of approximately 200 linear feet of anchored sheet pile retaining wall. Specific tasks included oversight mill and resurfacing operations, inspection of paving operations and coordination with utility companies. Project cost: \$700,000

**Lake Henrietta Pedestrian Bridge and Trail, Leon County, Florida–** Assisted in the construction inspection of 200 feet of elevated wooden boardwalk, paved bike trail and 100 foot long steel girder bridge. Specific tasks included oversight of drilled shaft pile installation operations, steel girder installation, boardwalk construction and inspection of cast in place bridge caps and deck. Project cost: \$300,000

**Florida River Island Bridge, Liberty County, Florida–** Assisted in the construction inspection of a 180 foot long, simple span Type II Girder bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, AASHTO girder installation, inspection of cast in place bridge caps, barrier wall and deck, and inspection of approach work. Project cost: \$1.3 Million

**Bald Point State Park, Franklin County, Florida–** Assisted in the construction inspection of a single span 100 foot long steel truss bridge founded on pre-stressed piles. Specific tasks included shop drawing review, oversight of pre-stressed pile driving operations, sheet pile wall installation, bridge construction and inspection of cast in place bridge caps, barrier wall and deck. Project cost: \$700,000.

**Smith Creek Road Bridge over Black Creek, Leon County, Florida–** Assisted in the construction inspection of the rehabilitation of a 105 foot long flat slab bridge. Specific tasks included oversight of helical pile installation, pile jackets and bridge deck rehabilitation. Project cost: \$70,000

**Aeon Church Road Sidewalk Project, Leon County, Florida–** Assisted in the construction oversight of ½ mile of sidewalk construction in an urban environment. Tasks included construction inspection of

gravity wall installation, sidewalk construction, rail installation and driveway installation. Project cost: \$300,000

**Meginnis Arm Spillway Project, Leon County, Florida**– Assisted in the construction oversight of a 180 foot long concrete spillway. Specific duties included mix design review, review of soil testing data, review of density test data, inspection of reinforcement placement, inspection of joint seals placement. Project cost: \$60,000

**Pimlico Road Project, Leon County Florida**– Assisted in the construction inspection of an intersection improvement. Specific duties included inspection of box culvert installation, sidewalk installation, guardrail installation and inspection of the roadway construction operations. Project cost: \$60,000.

**Fairbanks Ferry Road Bus Turnaround Project, Leon County, Florida**– Assisted in the construction oversight of a paved bus turnaround. Tasks included construction inspection of concrete sheet pile installation, inspection of the stormwater management facility and inspection of roadway paving operations. Project cost: \$100,000.





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### ***Samantha Kaparos***

*Staff Engineer*

Ms. Kaparos is a Staff Engineer with Registe, Sliger Engineering, Inc. with experience in structural and drainage design.

**Education:** B.S. Civil Engineering, 2010  
FAMU/FSU, Tallahassee, Florida  
Graduate Studies, Florida State University

**Years Experience With Firm:** 1

**Years Experience Total:** 1

#### **Detailed Project Experience:**

**Atlantic Ridge Preserve State Park** – Engineer intern responsible for the design and plans preparation for the day use facility. Work included preparation of design calculations and plans. Project cost: \$80,000

**Lauder Pond Embankment Seepage Investigation, Leon County, Florida** – Assisted with design, plan preparation and cost estimation of three alternatives to remediate water seepage through and under the embankment along the east side of the stormwater management facility at Lauder Pond. Design cost: \$9,000

**Lafayette Park Retaining Wall, Leon County, Florida** – Assisted with the design and preparation of plans for a reinforced concrete retaining wall at Lafayette Park. Design cost: \$5,000

**Bush Road Over Wrights Creek, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.5 Million.

**Flowing Well over Limestone Branch, Holmes County, Florida** – Assisted with drainage design and permitting for this bridge replacement project. Project cost: \$1.2 Million.

**US 231 Bridge over Bear Creek, Bay County, Florida** – Assisted with load rating of the 275 foot steel girder bridge. Design cost: \$12,000.

#### **Professional Affiliations:**

Member, American Society of Civil Engineers  
Member, Florida Engineering Society



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CIVIL, STRUCTURAL, AND WATER RESOURCES

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### ***Larry Tew*** *Senior Designer*

Mr. Tew has over 39 years of experience in the field of highway design, including signing and markings, and signal design for isolated intersections. He has experience on both rural and urban design projects as well as in project management. He also has experience in engineering/land planning including preparation of cure plans for impacted parcels, layout of parking and internal circulation plans, cure plan cost estimates, and quality control of cure plans to insure compliance to local comprehensive land planning requirements. His experience with District 3 of the Florida Department of Transportation and with private consulting firms is summarized as follows:

**Education:** Chipley High School, Chipley Florida, June, 1965

#### **Detailed Project Experience:**

Design Engineer in charge of the following projects with closed drainage systems, pedestrian and bike features, stormwater management facilities, signalized intersections, sensitive environmental issues, complex construction sequence phasing and traffic control designs, and extensive utility conflicts:

- **SR 30 (U.S. 98)**, San Destin FL: From end of four lane to 0.6 mile west of Mack Bayou Road. \$1Million.
- **SR 173 (Blue Angel Parkway)**, Pensacola, FL: From U.S. 98 to Saufley Road. \$1.1 Million.
- **Twenty Third Street**, Panama City, FL: A 1.6 mile major urban multi-lane project from U.S. 98 to Beck Avenue. \$1.5 Million.

**Thomasville Road Flyover Project**, Tallahassee, FL: A major project that was done under extreme time restraints. Served as Project Manager. \$6 Million.

**SR8 (I-10) Interstate Rehabilitation Projects:** Served as Design Engineer in charge of most of these projects that were done by FDOT District Three personnel from 1985 to 1995. Listed below are a few of these projects.

- From Santa Rosa County Line to 0.6 mile west of Yellow River. \$750,000.
- From 0.3 mile east of CR 183 to Holmes County Line. \$1.1 Million.
- From 0.6 mile west of CR65 to 0.5 mile west of SR 267. \$1.3 Million.
- From Walton County Line to Choctawhatchee River. \$1.5 Million.
- From 4.2 miles east of SR 71 to 1.5 miles east of CR 69A. \$1.4 Million.
- From Washington County Line to 1 mile west of SR 276. \$1.4 Million
- Perdido River Bridge. \$8 Million.
- From 0.6 mile east of SR 57 to Madison County Line. \$1.7 Million.

**Projects designed to comply with FDOT RRR criteria, some of which were intersection improvement with lane additions and signalization.**

- **SR 10**, Walton County: A 14.7 mile resurfacing and safety improvement project. \$4.5 Million.
- **SR 63**, Leon County: a 1.7 mile multi-lane urban resurfacing with pedestrian facility upgrade and signal loop replacements. \$600,000.
- **SR 12**, Gadsden County: R/R Crossing improvement. \$500,000.
- **Holmes County**, Countywide Guardrail installation project for approximately 80 locations. \$300,000.
- **SR 95**, Escambia County: Intersection improvement at CR 184/Beck's Lake Road. Included lane additions and signal with preemption features. \$800,000.
- **SR 75**, Cottondale FL: R / R Crossing improvement and signal with preemption features. \$750,000.
- **SR 85**, Ft. Walton, FL: Drainage improvements. \$500,000.



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CIVIL, STRUCTURAL, AND WATER RESOURCES

1427 North Bronough St. Tallahassee, FL 32303

PHONE: (850) 894-4521 - FAX: (850) 224-0505

### ***Brett Williams***

*Senior Engineering Technician*

Mr. Williams is an Engineering Technician for Registe, Sliger Engineering, Inc. with a wide variety of CADD experience, covering a wide range of bridge and highway projects. Mr. Williams is proficient in the use of Computer Aided Design software packages such as: Microstation/Geopak and AutoCAD computer systems.

**Years Experience with Current Firm: 3.5**

**Years Experience Total: 6**

#### **Detailed Project Experience:**

**JS Jones Road Bridge over Unnamed Branch, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two cell concrete box structure. Project cost: \$750,000.

**Hurricane Creek Road Bridge over Hurricane Creek, Holmes County, Florida** – Technician responsible for the preparation of plans for a new two-span, flat slab structure. Project Cost: \$1.2 Million.

**Rocky Bayou State Park, Okaloosa County, Florida** – Technician responsible for the plans preparation for a 100 ft wooden bridge and a 60 ft long wooden bridge. Work included preparation of construction documents. Project cost: \$200,000.

**Florida Overseas Heritage Trail Bridge Rehabilitations, Monroe County, Florida** – Technician responsible for the inspection and design rehabilitations of the Bow Channel, Little Duck Missouri Channel, Ohio-Bahia Honda Channel and Ohio-Little Duck Channel bridges. Project Cost: \$2.5 - \$3.5 Million.

**Florida River Island Bridge Inspection and Design, Liberty County, Florida** – Technician responsible for the inspection of a 170 foot long wooden bridge. Inspection included the review of the underwater, substructure and superstructure components of the bridge. Additional items included the construction administration for a new 170 foot long AASHTO girder bridge and approach work. Project Cost: \$1.3 Million.

**Timberlane and Timberlane School Rd. Intersection Improvements, Leon County, Florida** – Technician responsible for the preliminary plans production for an intersection improvement project. Project Cost \$700,000.

**Ft Cooper State Park, Bike Trail, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance for one mile of multi use trail. Project cost: \$60,000

**Ft Cooper State Park, Invasive Species Site, Citrus County, Florida** – Technician responsible for the plans production and permitting assistance of a 1.5 acre commercial site. Project cost: \$450,000



**APPENDIX B**  
**SUBCONSULTANTS**



**Registe, Sliger  
Engineering, Inc.**



**NOBLES CONSULTING  
GROUP, INC.**



2844 PABLO AVENUE  
TALLAHASSEE, FL 32308  
P:850.385.1179  
F:850.385.1404

March 2, 2011  
Ms. Danielle E. Marrero, P.E.  
Registe, Sliger Engineering, Inc.  
1427 N. Bronough Street  
Tallahassee, Florida 32303

RE: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Ms. Marrero,  
Nobles Consulting Group, Inc. agrees to provide Professional Surveying and Mapping support services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. Should there be any questions regarding this agreement or additional information required please contact me at (850) 385-1179.

Nobles Consulting Group, Inc.

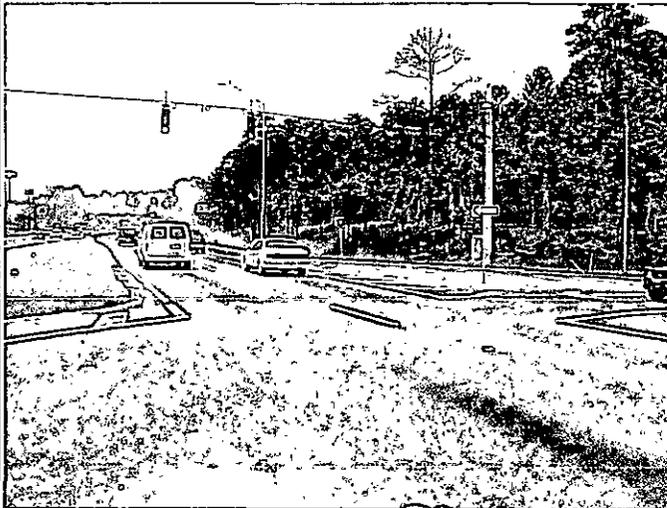
James E. Melcher, P.S.M.  
Project Manager



**NCG**  
NOBLES CONSULTING GROUP, INC.

## Roadway Surveying Services

- ◆ **Preliminary Design and Engineering/Corridor** Correlate and combine ground-based survey control and data with remote sensing information, collected by methods such as LiDAR and Photogrammetry .
- ◆ **Roadway rehabilitation and enhancements** NCG can interweave conventionally surveyed data and 3D laser scanning data through the use of our terrestrial scanning, software, and mobile scanning.
- ◆ **Bridge Replacement and Modifications** NCG can provide existing conditions data for the replacement or reinforcement of existing structures, from simple cross drain and box culvert ensembles to multi-segment bridge structures.
- ◆ **Multilane Reconstructions** NCG can provide both Right of Way Control Surveys and Right of Way Maps for acquisition purposes and design survey services.
- ◆ **Intersection Improvements** NCG works with designers to gather information pertinent to particular projects, such as adding turn lanes, realigning side roads, or the placement of signal poles.



- ◆ **Platting of dedicated rights of way within subdivisions**
- ◆ **Roadway Construction Layout and Site Grading** NCG can provide layout of new corridors providing project control, alignment staking and referencing, curb and gutter/pavement/sidewalk layout, drainage structure staking and site grading using both conventional and machine grade technology.
- ◆ **Construction Engineering Inspection Surveys (CEI)** NCG can provide survey services needed for CEI projects, from checking and reestablishing project control to pre and post construction surveys, including as-builts and finished grade conditions, for use in calculations and project certifications.
- ◆ **Driveway Permitting** NCG can provide survey services for new and rerouted driveway tie-ins.
- ◆ **Eminent Domain / Maintained Right of Way** NCG has worked with State and County officials to determine maintenance limits on existing projects and to delineate required right of way areas on proposed and enhanced projects where right of way is needed.

Visit our website at [www.ncginc.com](http://www.ncginc.com) for additional corporate and services information.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Paul Williamson, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION (City and State) <b>Nobles Consulting Group - Tallahassee, Florida</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Finance/Florida State University	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida #3208, Professional Surveyor and Mapper		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Williamson is a registered land surveyor and presently is the Project Manager in charge of the survey field crews. He has over 38 years' experience in surveying and was previously the owner of his own land surveying firm. Paul also utilizes his background in finance to perform economic studies as needed.			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) <b>Canopy at Welaunee Tallahassee, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - 980 Acre topographic and tree survey, cross section roadways, cross section Fleishman Road. \$138,000.			
b.	(1) TITLE AND LOCATION (City and State) <b>Stone Buildings - FSU Campus Tallahassee, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Topographic tree and utility survey. Locate existing improvements, used scanner for data collecting. \$58,000.			
c.	(1) TITLE AND LOCATION (City and State) <b>Gadsden County High School Gadsden County, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2005	CONSTRUCTION (If applicable) 2004
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary and topographic survey of 100 acres, Construction stakeout construction of new high school, As built survey of new facility. \$50,320.			
d.	(1) TITLE AND LOCATION (City and State) <b>Heritage Oaks Apartments Ocala Road, Tallahassee, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2005	CONSTRUCTION (If applicable) 2005
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic, tree and utility survey of 38 acre site, Stakeout for all buildings, roads, walks and utilities, As built survey of utilities and all improvements. \$23,000.			
e.	(1) TITLE AND LOCATION (City and State) <b>Chiles High School Tallahassee, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2006	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Boundary, topographic and utility survey construction stakeout for buildings, utilities and Storm water management facility, As built survey of complete facility. \$30,000			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>M. Kevin Mears, PSM</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State) <b>Nobles Consulting Group - Tallahassee, Florida</b>	
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16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida #5459, Professional Surveyor and Mapper
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18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)  
Mr. Mears serves as a field coordinator responsible for creating and implementing the best practices standards for field staff. He has had formal training in GPS systems, government retracement surveys, wetland mapping and office processing systems. Mr. Mears has provided field and office services for miscellaneous FDOT surveying projects and field control for QA/QC of LiDAR mapping.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>Tallahassee-St. Marks Historic Railroad City of St. Marks to City of Tallahassee, Florida</b>	2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager and surveyor for Topographic Survey of 16 mile bicycle and equestrian trail in Leon and Wakulla Counties. Survey done for Office of Greenway and Trails, design of trail improvements and trailheads. Horizontal control pairs were established at 3 mile intervals from a static GPS control network. Permanent benchmarks were established at 1000-foot intervals by digital leveling.			
b.	<b>River Bend Havana, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager and surveyor for Boundary Survey of 2000 acres in Gadsden County. A dependent resurvey of portions eight (8) sections using Public Land Survey field notes and plats. Researched legal descriptions, analyzed boundary evidence. Determined Ordinary High Water elevation by field transects and LiDAR data. LiDAR data was also used to plot positions of section corners from Government Land Office Field Notes. Fee \$65,000.			
c.	<b>Comfort Creek Property Lake Talquin, Florida</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project manager and surveyor for Boundary and Topographic Survey of Dependent resurvey of 470 acres in Gadsden County. Control was established for LiDAR Mapping from a static GPS network and conventional leveling. A topographic survey map was prepared showing contours at 1-foot interval, using LiDAR and conventional field survey data.			
d.	<b>SummerCamp Subdivision St. Teresa, Florida</b>	2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project manager and surveyor for Dependent resurvey of 800 acre parcel in three fractional sections in the John Forbes and Company Land Grant on the Gulf of Mexico. Survey included mapping of approximately five miles of Mean High Water and twenty-one miles of wetlands. Retracement of the privately surveyed sections was aided by 1960 field notes by local surveyor J.B. Hathaway. Survey control established by static GPS network and conventional leveling.			
e.	<b>Box R Ranch Apalachicola, Florida</b>	2003	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project Manager and Surveyor for Boundary Survey of 8000 acres in the John Forbes and Company Land Grant. A dependent resurvey of 19 sections was done using P.L.S. field notes and plats of the township and range lines that divided the privately surveyed sections. Researched legal descriptions and maps to retrace private sections. Seven, three-man, field crews were used to complete the field survey within 90-days. Analyzed boundary evidence, identified boundary conflicts and encroachments.			



**ENVIRONMENTAL &  
GEOTECHNICAL  
SPECIALISTS, INC.**



ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC.

March 3, 2011

Registe, Sliger Engineering, Inc.  
1427 North Bronough Street  
Tallahassee, FL 32303

**ATTN:** Jacques Registe, P.E.  
President

**RE:** Letter of Commitment  
Leon County Proposal Number: BC-03-17-11-25  
Civil Engineering Services Continuing Supply

Dear Jacques:

On behalf of Environmental and Geotechnical Specialists, Inc. (EGS), I am pleased to be part of the Registe, Sliger Engineering, Inc. team to perform geotechnical services as needed for the above referenced proposal. I confirm our commitment to meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective investigations and deliverables to you and your client. Further, these projects will have our highest priority with respect to scheduling staff and resources.

EGS is a Minority Business Enterprise (MBE) registered with Leon County and the City of Tallahassee. I have attached proof of our certification.

EGS looks forward to working with you and the Leon County Board of County Commissioners. If you have any questions or need additional information, please contact me at (850) 386-1253.

Very truly yours,

**Environmental and Geotechnical Specialists, Inc.**

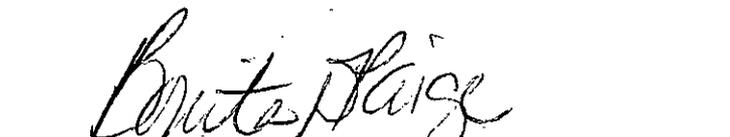
Judith M. Hayden, P.E.  
President



This certifies that  
**ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALTIES, INCORPORATED**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**May 18, 2010 to May 31, 2011**

  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**

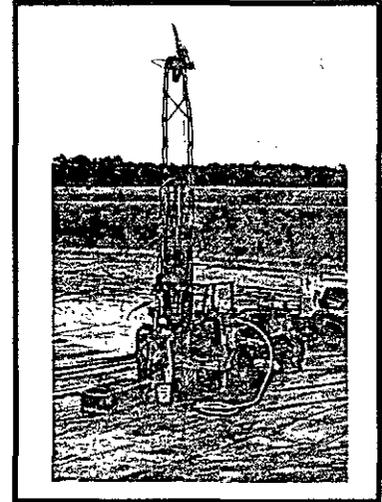
H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

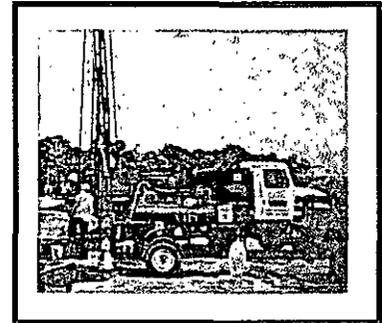
The M/DBE firm of Environmental and Geotechnical Specialists, Inc. (EGS) will be providing specialty services to the design team. EGS is highly qualified and has an outstanding work experience within the panhandle of Northwest Florida. EGS specializes in the areas of wetland permitting, environmental site assessments and geotechnical investigations and designs. The staff at EGS has been providing professional services since 1992. EGS is dedicated to providing exceptional services at competitive rates.



EGS is a full service geotechnical consulting firm, which provides subsurface drilling, soil sampling, laboratory testing, engineering evaluations and recommendations for a wide range of projects. EGS's professional staff has extensive experience in working with clients to facilitate the cost-effective investigation, engineering design and construction of all aspects of a project requiring these services.



EGS also has a professional and knowledgeable staff experienced in providing environmental assessments and engineering solutions to various construction related environmental problems encountered during the planning, engineering and design phase of the projects. EGS's staff is familiar with the regulatory requirements of the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the Northwest Florida Water Management District. The results of EGS's investigations are presented in a focused engineering report prepared by a licensed professional engineer.



The staff at EGS is committed to satisfy the needs of their clients on all aspects of an assigned task. EGS will meet all assigned schedules and deadlines, in addition to providing high quality, cost-effective testing and deliverables. Further, the projects will have our highest priority with respect to scheduling staff and resources. EGS will pledge to go the "extra mile" to meet the needs and expectations of the project.



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

*Judith M. Hayden*

32. DATE

Sept. 14, 2009

33. NAME AND TITLE

Judith M. Hayden, P.E., President

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Myron L. Hayden, Ph.D., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)  
**Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308**

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Tri-State Univ., 1974 Master of Science - Civil Engineering, Oklahoma State Univ., 1975 Doctor of Philosophy - Geotechnical Engineering, Oklahoma State Univ., 1978	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 34067, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Florida Engineering Society (Elected Fellow, Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Society of Civil Engineers (Past Pres. Big Bend Chapter) (Past Engineer of the Year)  
American Public Works Association

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>General Service Contract</b> City of Tallahassee, Public Works Dept.	On-going	On-going
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Serve as project manager for miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the Geotechnical analysis for the construction of new roadway, mast arm installation, slope evaluations, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>General Service Contract</b> Florida Dept. of Transportation, District 3, Chipley, FL	On-Going	On-Going
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provide miscellaneous services to the Florida Department of Transportation under a General Service Agreement. The tasks have included the geotechnical analysis for roadway design, culvert extensions, bridge foundations, bridge repair, mast arm installation, slope evaluations, base failures, lane additions and stormwater pond designs.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided the detailed geotechnical design services for the construction of two (2) day tanks to be constructed at the TPS Water Reclamation Facility. The investigation included an evaluation of potential karst features, foundation design recommendations, and construction concerns. Also provided the detailed geotechnical design for the upgrade of facility.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Capital Cascade Trail Park - Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Capital Cascade Trail project is a flood relief and greenways plan for a 5.2 mile corridor through Tallahassee, Florida. This project includes the planning and design for trails, parks, pedestrian bridges, and greenway amenities in combination with the stormwater aspect of flood control for the St. Augustine Branch and the Central Drainage Ditch EGS worked with the Genesis Group to provide the foundation designs for the various aspects of the project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>McKeithen Road Improvements Project</b> City of Tallahassee, Public Works Dept.	On-Going	On-Going
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Conducted the geotechnical investigation for the widening of five (5) segments of the Capital Circle widening project. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, stormwater treatment facilities and the remediation recommendations for karst features.	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Derwood C. Sheppard, Jr., P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) <b>Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, Florida State University, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 69228, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers Florida Engineering Society			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Thomas Smith Wastewater Treatment Facility</b> City of Tallahassee, Water Utility Dept.	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Served as the project engineer for the design of the proposed improvements to the Thomas P. Smith Wastewater Treatment Facility. The project included the design of various structures and foundations ranging from shallow spread footings, mat foundations and deep soil improvements.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Capital Cascade Trail Park – Segment 2</b> Blueprint 2000 and Beyond Tallahassee, FL	On-Going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Served as the project engineer for the geotechnical investigation of Capital Cascade Trail Park. The project has included the design of retaining walls, culvert structures, pedestrian bridges, water features, stormwater ponds and realigned roadways.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Connie Drive Flood Relief</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Served as the project engineer for the geotechnical investigation of Connie Drive Flood Relief improvements project. The project included the suitable mater determination for drainage lines and culverts and the geotechnical design parameters for the construction of box culverts and an earthen dam.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Capital Circle Widening</b> Blueprint 2000 and Beyond, Tallahassee, FL	On-going	On-Going
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Served the project engineer for the geotechnical investigation of Capital Circle Southeast Roadway Improvements project for 2 segments of the roadway (Connie Drive to Tram Road, and Tram Road to Woodville Highway). The project included the design analysis of new roadway, and stormwater ponds as well as the slope stability associated with the existing embankments.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>McKeithen Road</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Assisted with the geotechnical investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included roadway design with curb and gutter, culvert extensions, and stormwater treatment and attenuations facilities. In addition, the project included an investigation for karst features.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Thomas H. Hayden, P.E.</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineer II	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) <b>Environmental and Geotechnical Specialists, Inc., 3154 Eliza Road, Tallahassee, Florida 32308</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Civil Engineering, University of South Florida, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, 67492, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (Pres. Big Bend Chapter 2008) (Young Engineer of the Year 2008) Florida Engineering Society			

19. RELEVANT PROJECTS		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>John's Building, UST Removal</b> City of Tallahassee, Public Works Dept., Real Estate Div.	2009	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Supervised the underground storage tank removal for the City of Tallahassee at the John's Building. The project included the removal, removal of contaminated soil, CEI Inspection, environmental sampling and analysis, and well closure.		
<b>Lake Bradford Lift Station</b> City of Tallahassee, Water Utility Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Assisted in the geotechnical investigation for the Lake Bradford Lift Station. This project included the development of the geotechnical design parameters and recommendations for the construction considerations for the proposed construction. Served as field manager for the drilling and laboratory testing associated with the project.		
<b>Providence Neighborhood Enhancement-Pavement Design</b> City of Tallahassee, Public Works Dept.	2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Project manager for the pavement core and condition survey for the Providence Neighborhood Improvements Project. This project included the pavement core and condition survey, the base, subgrade and embankment compaction analysis, bituminous design parameters and construction considerations for the proposed improvements.		
<b>Tom Brown Park ~ Tennis Court Rehabilitation</b> City of Tallahassee, Parks, Recreation and Neighborhood Affairs Dept	2009	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Assisting the City of Tallahassee with the analysis for the pavement failure at the Tom Brown Park Tennis Court Complex. The project included the subsurface investigation, field and laboratory compaction analysis, bituminous evaluations, and design recommendations for the proposed project.		
<b>Capital Circle Force Main By-Pass</b> City of Tallahassee, Water Utility Dept.	2006	2007
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Supervised the field work required for the installation of soil borings for the construction of a force main from Miccosukee Road to Eliza Road. The project included marking the boring locations, receiving utility clearance, conducting laboratory testing and preparation of the geotechnical report with design and construction recommendations.		



**MILLER'S  
TREE SERVICE**



March 13, 2011

Danielle Mommoro  
Registe, Sliger Engineering, Inc.  
1627 N. Brimough St.  
Tallahassee, FL 32303

Re: Subconsultant Agreement for Leon County Board of County Commissioners  
Proposal No. BC-03-17-11-25 Civil Engineering Services, Continuing Supply

Dear Danielle,

This letter confirms our commitment to provide mitigation services and certified arborist services as part of the Registe, Sliger Engineering team for the above referenced solicitation with the Leon County Board of County Commissioners. If you have any other questions, please give me a call.

Sincerely,

Clay Culpepper  
Gibbs & Culpepper Tree Service  
(now Miller's Tree Service)  
Certified Arborist FL5924A  
850-566-3881

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>LAY, CULPEPPER</b>	13. ROLE IN THIS CONTRACT Certified Arborist	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)  
Gibbs/Culpepper Tree Svc (now Miller's Tree Service) Tallahassee, FL

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science in Commerce and Business Administration, with distinction. Accounting.  Masters Degree in Tax Accounting.	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Certified Arborist, FL5924A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
President, Tallahassee Young Entrepreneurs Organization, 2011  
Voted Best Tree Service in Tallahassee, 2008-2010

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES		CONSTRUCTION (if applicable)	
		2009	2010	2009	2010
Supreme Court Bldg Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a very highly scrutinized water intrusion project at the Supreme Court Building where we mitigated 4 very large live oaks to protect them during this 2 year project. Our Cost: \$30,000					
Evening Rose Development Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for a new development at the corner of Mahan and Capital Cr NW where LBRD certification and "green" concepts were the focus. We performed mitigation and on going arborist services for the contractor and developer over a 4 year period. Cost: \$200,000.					
Kohl's Store Fort Walton, FL					
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new Kohl's. We mitigated approximately 30 trees in the new proposed parking lot and around the proposed building. Cost: \$20,000					
Florida Sheriffs Association Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Certified Arborist for the construction of a new building around 7-8 very large live oaks. We mitigated all the trees to prepare them for the impacts of construction. cost: \$8,000					
Many newly constructed homes Tallahassee, FL					
(3) BRIEF DESCRIPTION (Brief scope, site, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Certified Arborist for many local newly constructed homes where we prepare mitigation plans and implement them to protect the trees on the site from the impacts of construction. Average Cost: \$2,000 per site					



**HOY+STARK  
ARCHITECTS**

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Requests for Proposals for Civil Engineering Services, Continuing Supply

2. PUBLIC NOTICE DATE

February 17, 2011

3. SOLICITATION OR PROJECT NUMBER

BC-03-17-11-25

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Patrick E. Hoy, AIA, Principal / James M. Stark III, AIA, Principal

5. NAME OF FIRM

Hoy+Stark Architects

6. TELEPHONE NUMBER

850.893.5971

7. FAX NUMBER

850.893.3419

8. E-MAIL ADDRESS

mstark@hoystark.com / phoy@hoystark.com

### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.			X	Hoy+Stark Architects <input type="checkbox"/> CHECK IF BRANCH OFFICE	1350 Market Street Suite 209 Tallahassee, FL 32312	Architectural, Interior, Planning & Landscape Architecture Services
b.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME Patrick E. Hoy, AIA, / Principal	13. ROLE IN THIS CONTRACT Project Architect	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION (City and State)

Hoy+Stark Architects, 1350 Market Street – Suite 209, Tallahassee, Florida 32312

16. EDUCATION (DEGREE AND SPECIALIZATION)

University of Arkansas – Bachelor of Architecture, with Honors

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Florida – Architect  
AR93308  
North Dakota – Architect  
943  
NCARB Certificate  
33309



18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

American Institute of Architects – AIA Tallahassee  
Tallahassee Symphony Orchestra Board of Directors – Immediate Past President  
Tallahassee/Leon County Board of Adjustment – Past Member  
Rotary Club of Tallahassee – North side  
Northeast Business Association  
Greater Tallahassee Chamber of Commerce

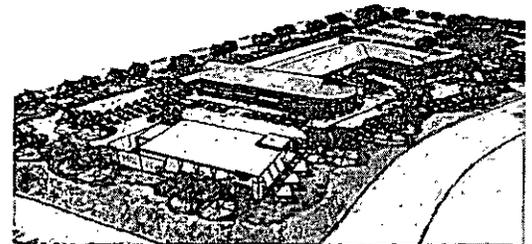
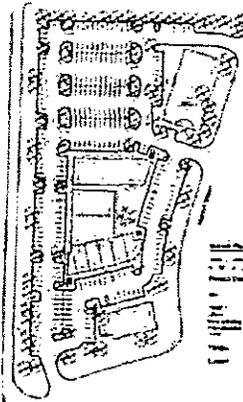
**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) Market Plaza - Mixed Use Facility Tallahassee, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) \$ 6,847,000.00

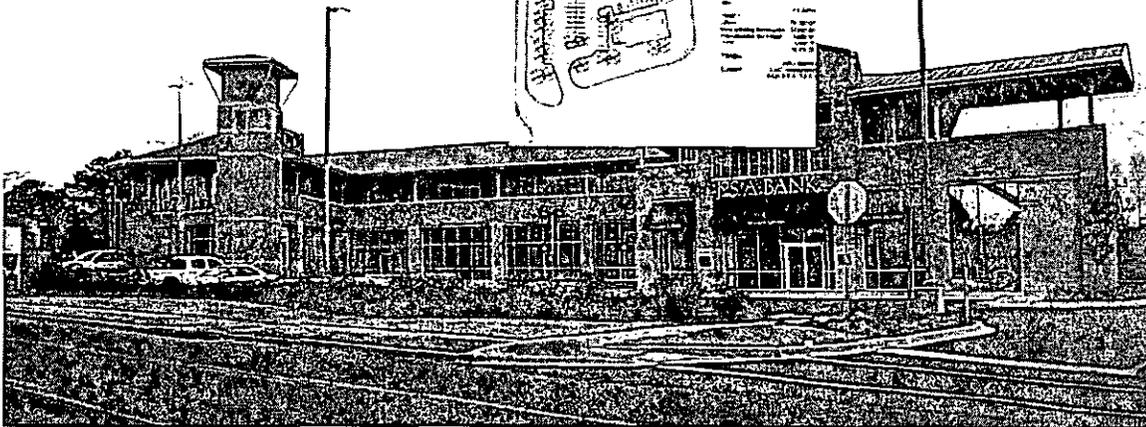
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm

Hoy+Stark Architects designed the new multi-use development located at 1350 Market Street. Mr. Hoy was the Architect of Record for the project



a.



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME James M. Stark, III, AIA / Principal	13. ROLE IN THIS CONTRACT Design Architect	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION *(City and State)*  
Hoy+Stark Architects, 1350 Market Street Suite 209, Tallahassee, Florida 32312

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
Mississippi State University  
Bachelor of Architectural Design – 1982

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Florida Architect # 93307  
Texas Architect #11079  
Texas Interior Designer #5866



18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
American Institute of Architects – Tallahassee Chapter  
Design Awards: Texas Society of Architects, Dallas AIA  
Published: Florida Architect; Winter 2000, Texas Architect; Jan/Feb. 2003, "Spirit"; Feb. 1995  
Northeast Business Association  
Greater Tallahassee Chamber of Commerce

**19. RELEVANT PROJECTS**

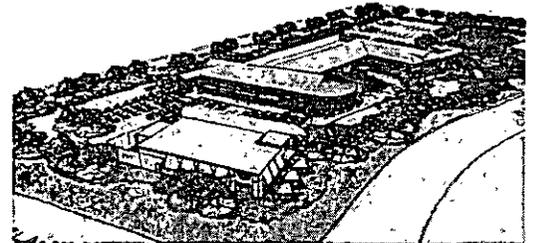
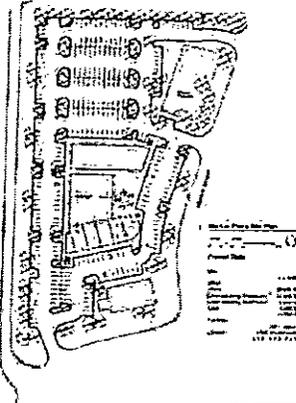
(1) TITLE AND LOCATION <i>(City and State)</i> Market Plaza - Mixed Use Facility Tallahassee, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> \$ 6,847,000.00

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm

Hoy+Stark Architects designed the new multi-use development located at 1350 Market Street.

Mr. Stark was the Project Architect for the project.



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME Jeremy R. Floyd, RLA, LEED AP	13. ROLE IN THIS CONTRACT Land Planner / Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)  
Hoy+Stark Architects, 1350 Market Street, Suite 209, Tallahassee, FL 32312

16. EDUCATION (DEGREE AND SPECIALIZATION) Texas A&M University Bachelor of Environmental Design – 1999  Texas A&M University Master of Science – Land Development - 2001	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  Florida Landscape Architect #LA6666870 Georgia Landscape Architect #LA001510 Alabama Landscape Architects #649	
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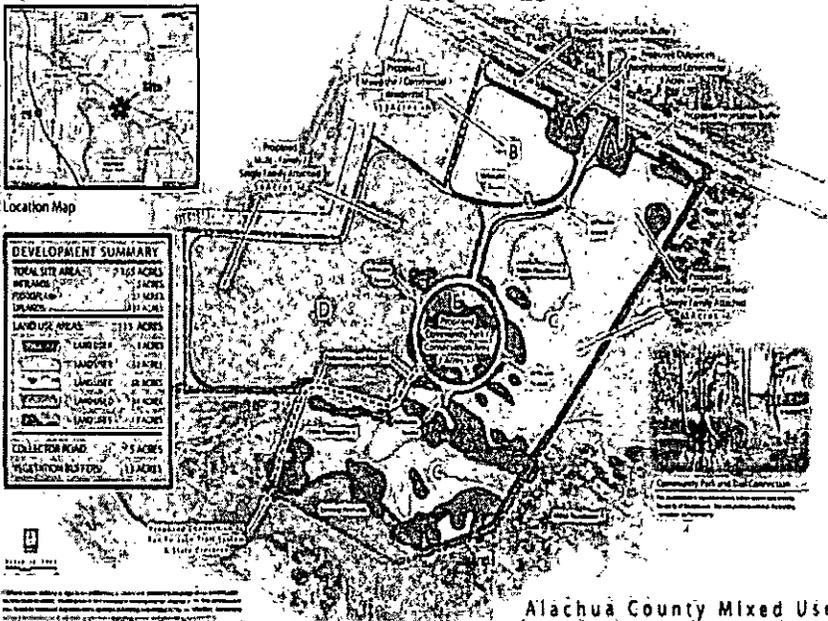
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Urban Land Institute, Young Leader  
American Society of Landscape Architects, Member  
Association of Bicycle and Pedestrian Professionals, Member  
Tallahassee Multi-Modal Advisory Committee, Former Chair and Voting Member  
Tallahassee Regional Mobility Plan Bicycle / Pedestrian Planning Subcommittee, Co-Chair  
Project Design Award for Marta Wellman Park, Top Stormwater Solution Award from Infrastructure Solutions  
LEED Accredited Professional

**19. RELEVANT PROJECTS**

a. (1) TITLE AND LOCATION (City and State) Alachua County Mixed Use Due Diligence Alachua County, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm



Mr. Floyd performed due diligence, project feasibility and land use planning for a 165 acre land tract located north of Gainesville, Florida along 441. With surrounding office parks under construction and San Felasco State Preserve bordering two side of the land parcel, Mr. Floyd was asked to do a preliminary environmental assessment on site, locate significant environmental areas to be preserved and perform a land use study of development potential. He developed a land use concept plan to determine acreage available for development and potential locations of various uses on site for each.

The project was used as part of a bid proposal package for land acquisition work. Items provided included development cost estimates, approximate square footage of commercial and office uses, trail links to the San Felasco State Preserve and common park areas and marketing graphics.

(1) TITLE AND LOCATION (City and State)

Martha Wellman Park  
Tallahassee, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES  
2007

CONSTRUCTION (If applicable)  
Completed

d.

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm

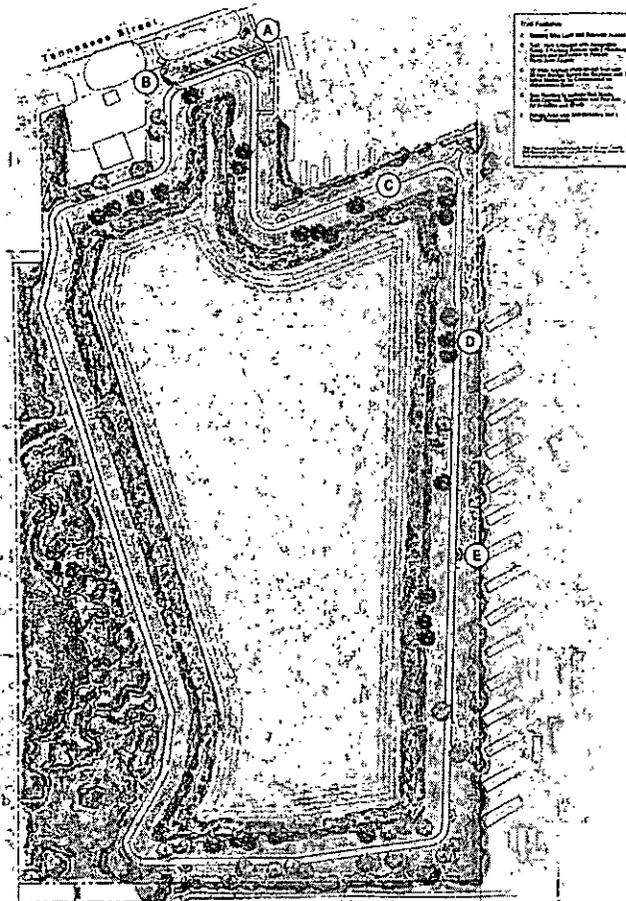


Martha Wellman Park is an award winning park for conversion of an existing regional stormwaterstormwater facility into a community park. The pond was retrofitted with a paved multi-use trail approximately a mile in length, lighting, littoral shelf planting, rest nodes every 500 feet with benches, a trailhead with restroom and parking, shade tree planting and connection to county wide bike and pedestrian master plan.



Mr. Floyd served as the project manager and landscape architect taking the project from conceptual planning to construction bid performing all site planning, construction drawings, planting and hardscape design, parking lot and retaining wall design. He also prepared exhibits for land acquisition from FDOT Right-of-Way for the trail head parking lot and feasibility studies of different options.

Mr. Floyd handled the complexities of project budgeting and multiple public ownerships of the pond between the City of Tallahassee, Leon County and Florida Department of Transportation. Permitting approval required approval and agreement of all three ownerships, updating of stormwater capacity records of each and exhibits for public support and hearings.



(1) TITLE AND LOCATION (City and State)

Florida State University Planning and Landscape Architecture  
Tallahassee, Florida

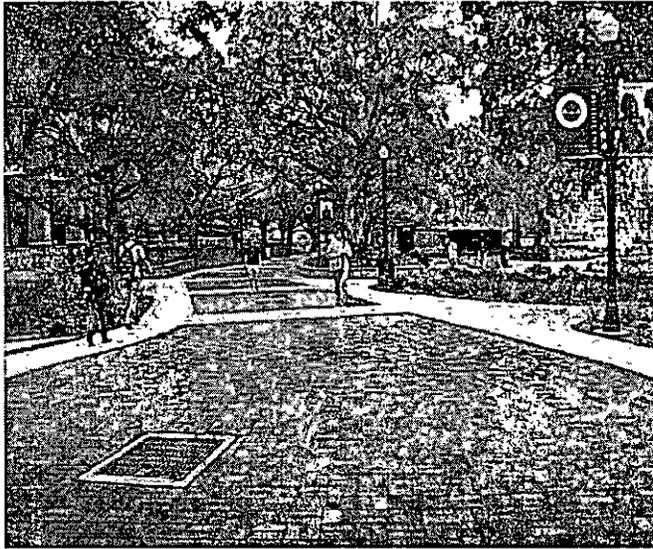
(2) YEAR COMPLETED

PROFESSIONAL SERVICES  
2006-2008

CONSTRUCTION (if applicable)  
Completed

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

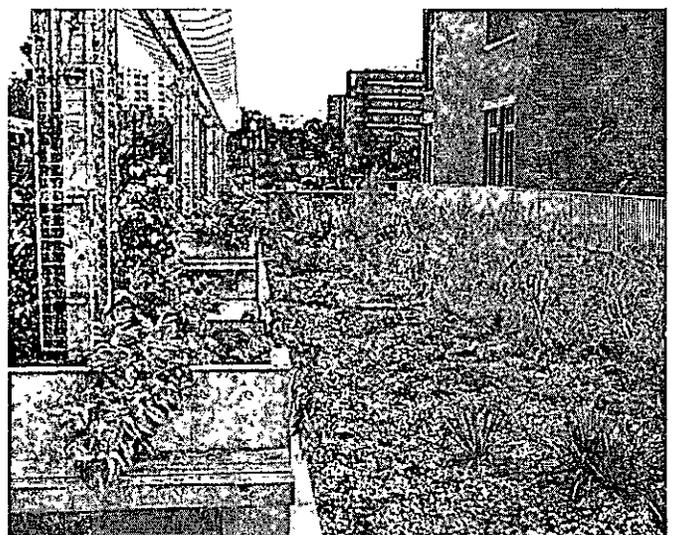
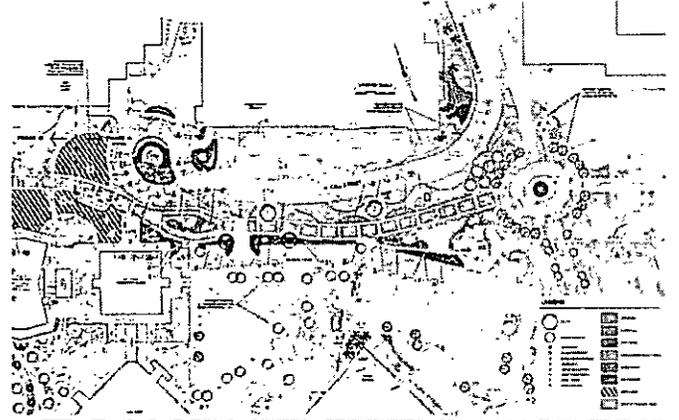
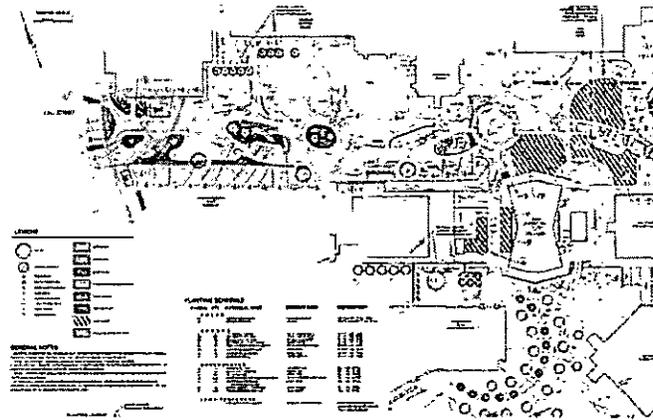
Check if project performed with current firm



Mr. Floyd served as Land Planner and Landscape Architect for various Florida State University projects handling future master planning for the Southwest Campus, Site Planning and Civil Design for the College of Medicine and Life Sciences Buildings and the Call Street Closure and Conversion to a Pedestrian Mall.

He managed the conceptual planning, coordination efforts with Architects and Engineers and designed the landscape / hardscape elements of each project. The College of Medicine and Life Science projects were neighboring projects under design and construction simultaneously with interconnecting pedestrian and vehicular circulation with the Life Science building obtaining LEED certification.

Call Street involved the closure of a busy two lane street and converting it to a pedestrian mall while preserving existing live oaks and improving campus circulation and safety at night. His project role involved alignment, design of hardscape elements and details, planting design and construction administration.



(1) TITLE AND LOCATION (City and State)  
 SouthWood  
 Tallahassee, Florida

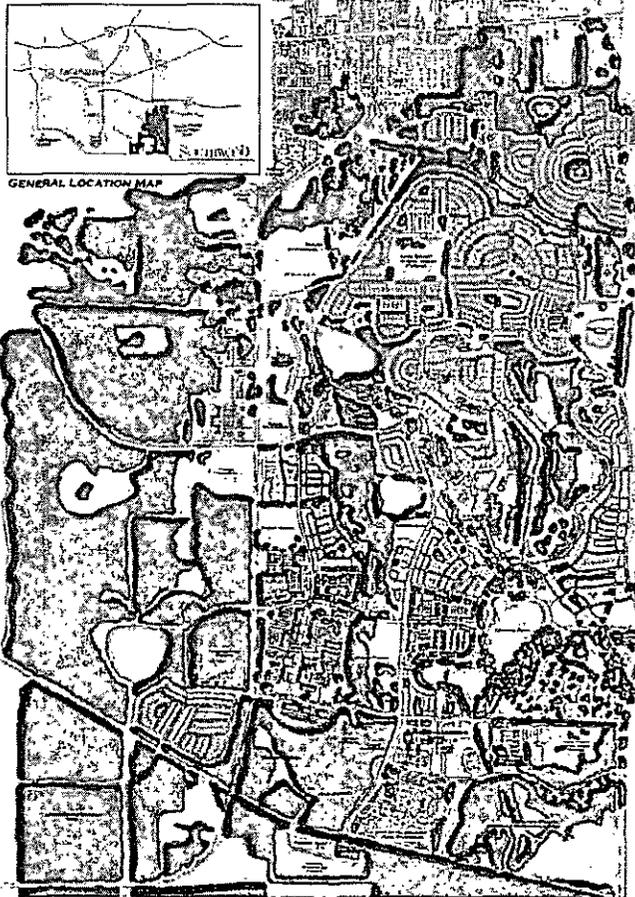
(2) YEAR COMPLETED

PROFESSIONAL SERVICES  
 2002-2004

CONSTRUCTION (if applicable)  
 Ongoing

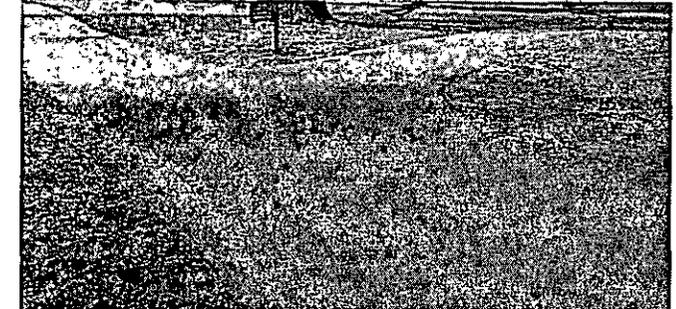
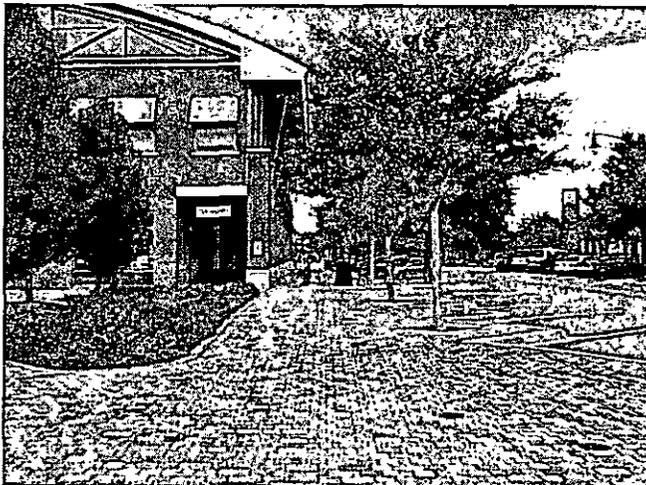
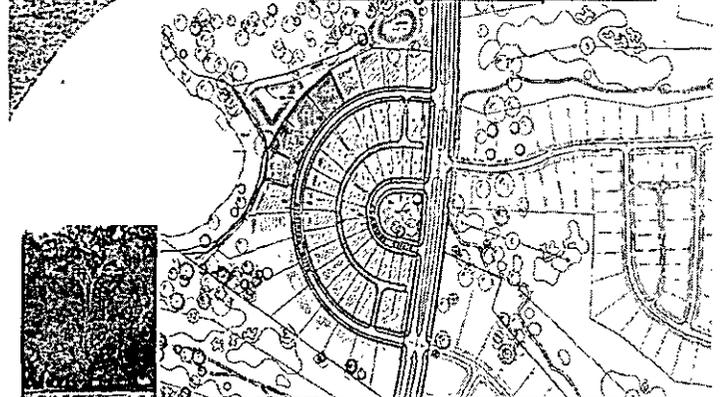
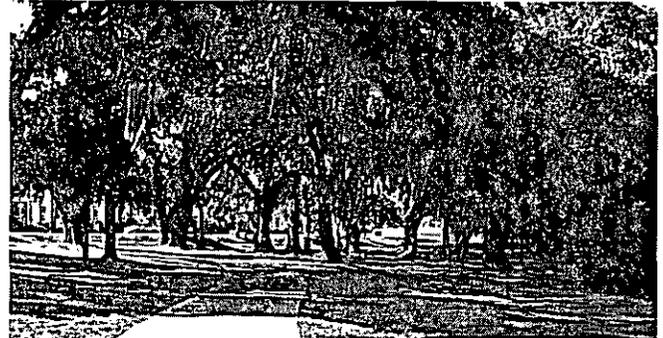
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm



Mr. Floyd served as Project Manager and Land Planner for SouthWood, A St. Joe Community. As the land planner he was responsible for maintaining the overall master plan, coordinating updates to PUD documents, performing site planning for each phase / unit up to plat and permit level drawings for residential neighborhoods, parks and commercial sites, performing feasibility analysis in coordination with St. Joe Financial team, Towncenter and office park planning, park and trail design and landscape architectural features.

SouthWood is a 3,000 acre master planned community with 5,600 units planned at build out with two neighborhood centers, 5-6 office and commercial centers, three public schools and over 1,000 acres of openspace including parks and a 18 hole championship golf course.



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME Charlie Hoy	13. ROLE IN THIS CONTRACT CADD / Construction Administration	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION *(City and State)*  
Hoy+Stark Architects, 1350 Market Street Suite 209, Tallahassee, Florida 32312

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
Maclay School 1978  
Spring Hill College – Major / History  
Minors / Accounting & Economics

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*



18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
The Real Estate School – Sales Associate & Real Estate Appraisal. North East Business Association

**19. RELEVANT PROJECTS**

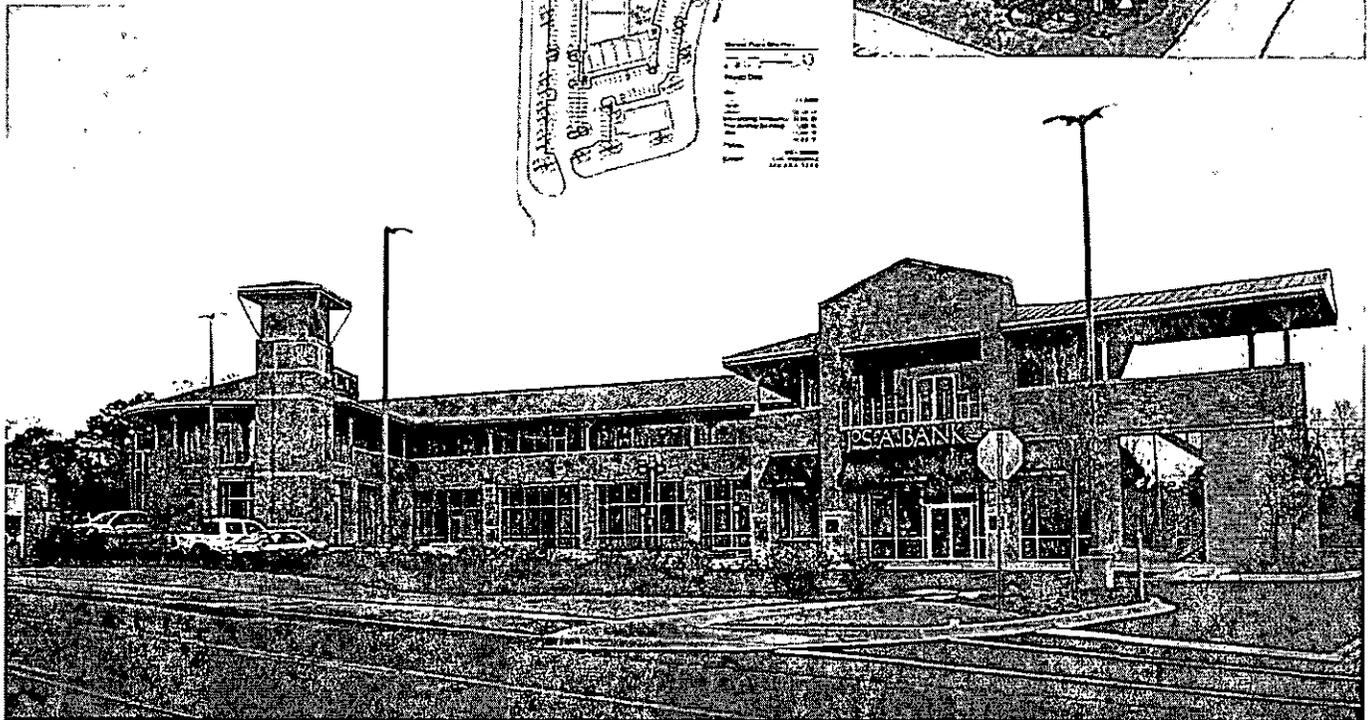
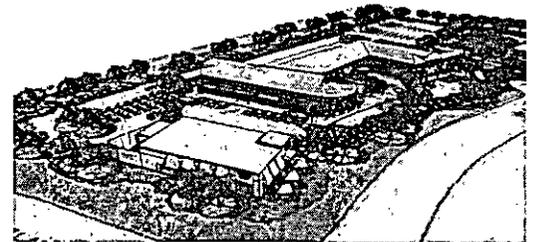
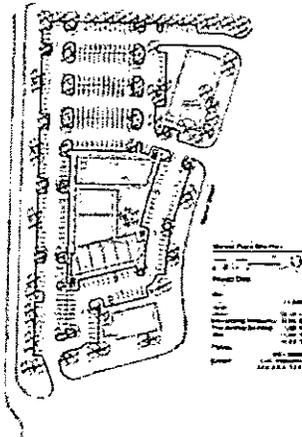
(1) TITLE AND LOCATION <i>(City and State)</i> Market Plaza - Mixed Use Facility Tallahassee, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> \$ 6,847,000.00

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

Check if project performed with current firm

Hoy+Stark Architects is architectural firm that was commissioned to design the new multi-use development located at the corner of Timberlane Road and Market Street.

Charlie Hoy performed Construction Administration and Site Observations for the project.



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

Market Plaza - Mixed Use Facility  
Tallahassee, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2009

CONSTRUCTION (If applicable)  
\$ 6,847,000.00

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

CMC Incorporated

b. POINT OF CONTACT NAME

Mr. Bill Crona

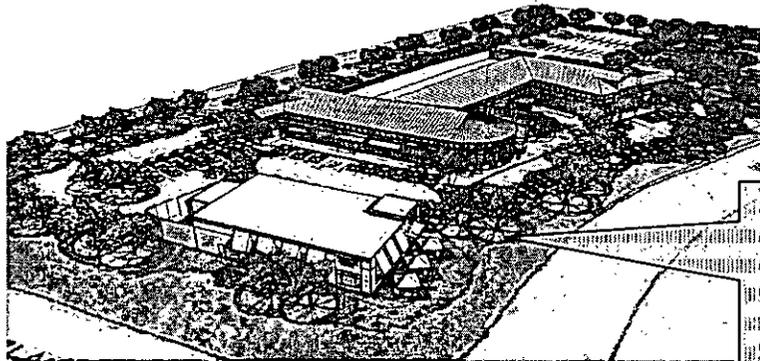
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(850) 893-9633

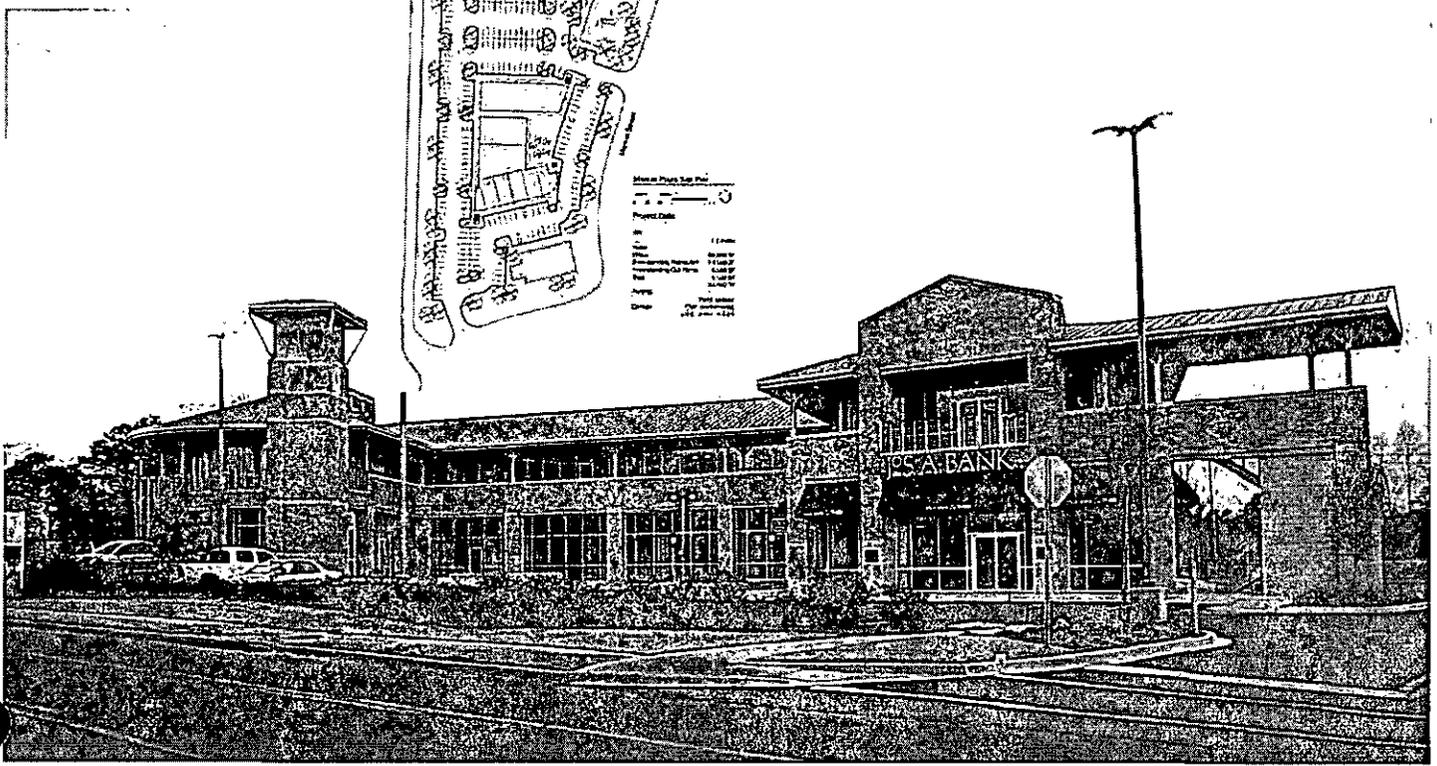
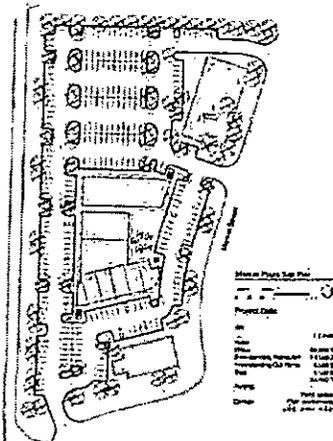
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Hoy+Stark Architects is architectural firm that was commissioned to design the new multi-use development located at the corner of Timberlane Road and Market Street.

The project is on the former site of a large grocery store. The existing building was demolished and the site cleared for the complex. The new development contains approximately 13,000 s.f. of restaurants, 19,000 SF of commercial office space and 22,000 s.f. of retail space, totaling 54,000 SF of new development.



Site design allowed an increase from 16,000 of lease space to 54,000 Sf of lease space with a "best-use" approach to design giving the client greater return on their realestate investment



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
2

21. TITLE AND LOCATION (City and State) Hoy+Stark Architects Corporate Office Tallahassee, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable) \$ 39.00 SF~ \$85,000.00

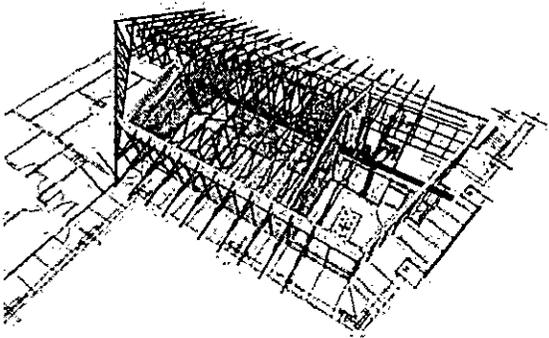
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Hoy+Stark Architects	b. POINT OF CONTACT NAME Mr. Patrick E. Hoy, AIA	c. POINT OF CONTACT TELEPHONE NUMBER (850) 893-5971
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The new office for Hoy+Stark Architects was designed to reflect the core values of the firm. The firm believes in complete inclusion of all employees in all aspects of a project. The office is an open studio plan where creative dialog is encouraged. H+SA principals wanted to create an environment where learning by osmosis was fostered and the studio plan is what encourages this.

The resultant is full involvement by all participants in a project. The office is 2,172 square feet and is divided into a public area and a back of house studio. The exterior of the office is a glass surround of storefront on three sides. This allows for great views to the exterior for all occupants and also results in never having to turn on lights during normal business operations. In order to accomplish the construction as designed, Hoy+Stark Architects performed the lion's share of the construction themselves. Documenting all pieces of the design in 3D "BIM" fashion allowing fabrication that occurred along with the installation/construction process.



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION (City and State)

Florida Board of Bar Examiners – Drainage Improvements  
Tallahassee, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2009

CONSTRUCTION (If applicable)  
\$ 26,000.00

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Florida Board of Bar Examiners

b. POINT OF CONTACT NAME

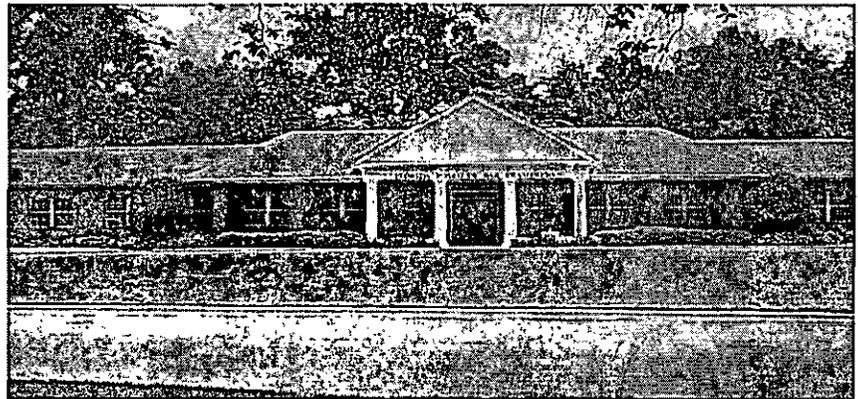
Ms Janey Stuart

c. POINT OF CONTACT TELEPHONE NUMBER

(850) 488-0637 ext. 106

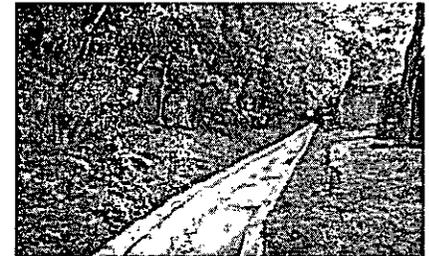
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Florida Bar Examiners facility had long been plagued with storm water run off from an adjacent site to the extent that water/moisture/past repairs and mold were becoming a very real concern for the facility due to the constant flooding of the rear elevation of the building. For 12 years this facility leaked, with significant amounts of water coming in on this rear wall.



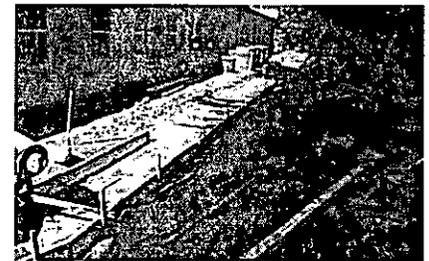
While working with the Florida Supreme Court, Hoy+Stark Architects had the pleasure to be recommended to the Florida Bar Examiners Office by the Chief Justice Lewis to see what measures might be addressed to resolve this water problem.

The resulting investigation and design created a lined channel that instead of attempting to manage the water in a subterranean manner, handled the water in a straightforward way and got it off the site as soon as possible, to an existing storm water structure adjacent to the site- designed for this very situation.



Scope of work included demolition of existing underground storm water piping and roof connections, re-grading of the subject area, and placement of a concrete lined channel for water management.

Landscaping included erosion resistant plants and ground cover to minimize any further run off of the area.



Plans for future work include investigations of mold within the facility and remediation of such from past water intrusion, and installation of interior partitions related to planned facility/offices use.

The budget for this project was \$30,000.00 and was constructed for \$26,000.00 through the bid/construction process. Work of this scope of the project was completed in 2009.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE: Individual Experience
a.	Patrick E. Hoy	Tallahassee, Florida	Project Architect
b.	James M. Stark III	Tallahassee	Project Designer
c.	Charlie Hoy	Tallahassee Florida	CADD/ Construction Admin.
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
4

21. TITLE AND LOCATION (City and State)

Florida Supreme Court - Water Intrusion  
Tallahassee, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2009

CONSTRUCTION (If applicable)  
\$ 2,177,596.00

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Florida Supreme Court

b. POINT OF CONTACT NAME

Mr. Kenneth Taite

c. POINT OF CONTACT TELEPHONE NUMBER

(850) 487-9923

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

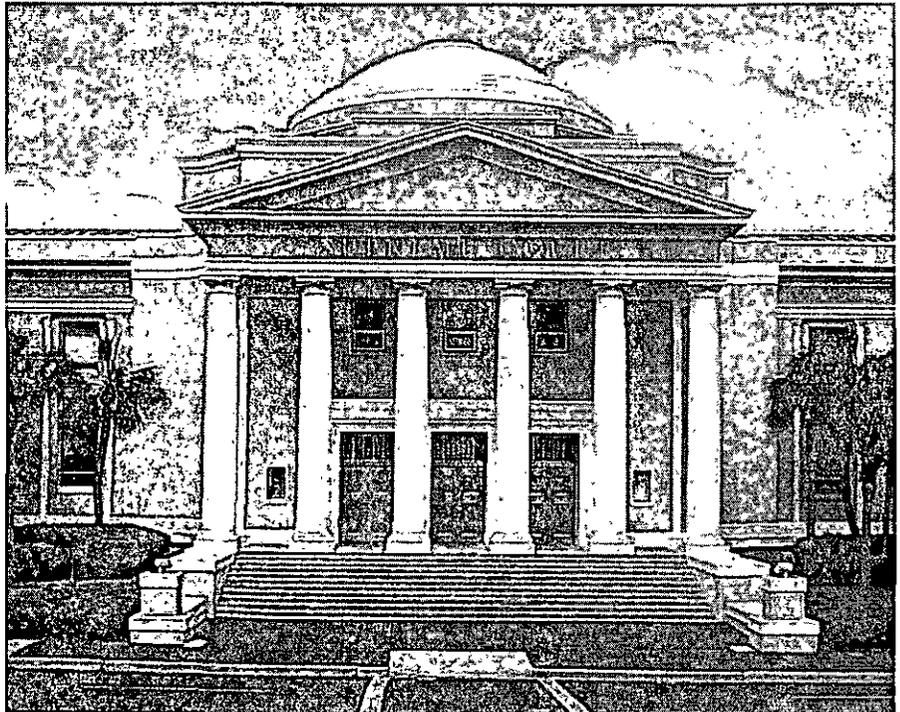
Hoy + Stark Architects was pleased to be selected by The Florida Department of Management Services and The Florida Supreme Court for the Professional Architectural Services for the remediation and renovation work for water intrusion of the Florida Supreme Court Building - Pat Hoy serving as Project Architect and Monty Stark as Design Architect, Charlie Hoy served as CADD production and CA on-site representative. Due to confidentiality and security requirements, illustrations indicating detailed layout of this scope of work is limited for public consumption.

Scope of the project included determination of existing conditions, detailed efforts locating utilities in and around the facility, soil borings, subterranean water studies, and confirmation of areas of water intrusion. Upon determination of such events, the design process was that of recommending, designing, and documenting waterproofing solutions primarily below grade at the 1946 facility.

Coordination regarding security, access, stormwater, sanitary sewer, utilities, IT, preservation of existing Oak trees on site, and Court activities was a priority.

Soil retention systems and recommendations were included as well, with CM proposals of such reviewed by the design team before implementation.

The work involved excavations to depths of approximately 30' and waterproofing materials application completed below grade.



Scope of work of this type required heavy machinery in a confined space near this historic building. Retention systems allowed maneuvering of this equipment and placement of workers as needed. Removal of the retention system was at the convenience of the CM as backfill was placed.



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

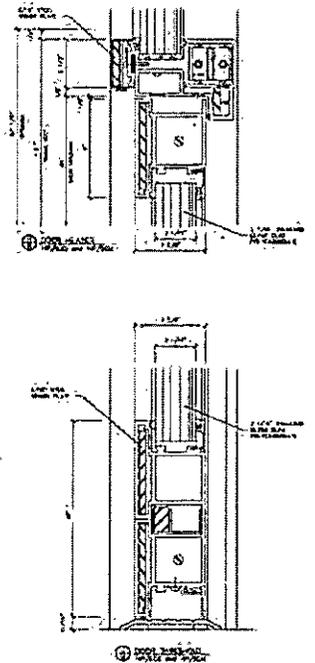
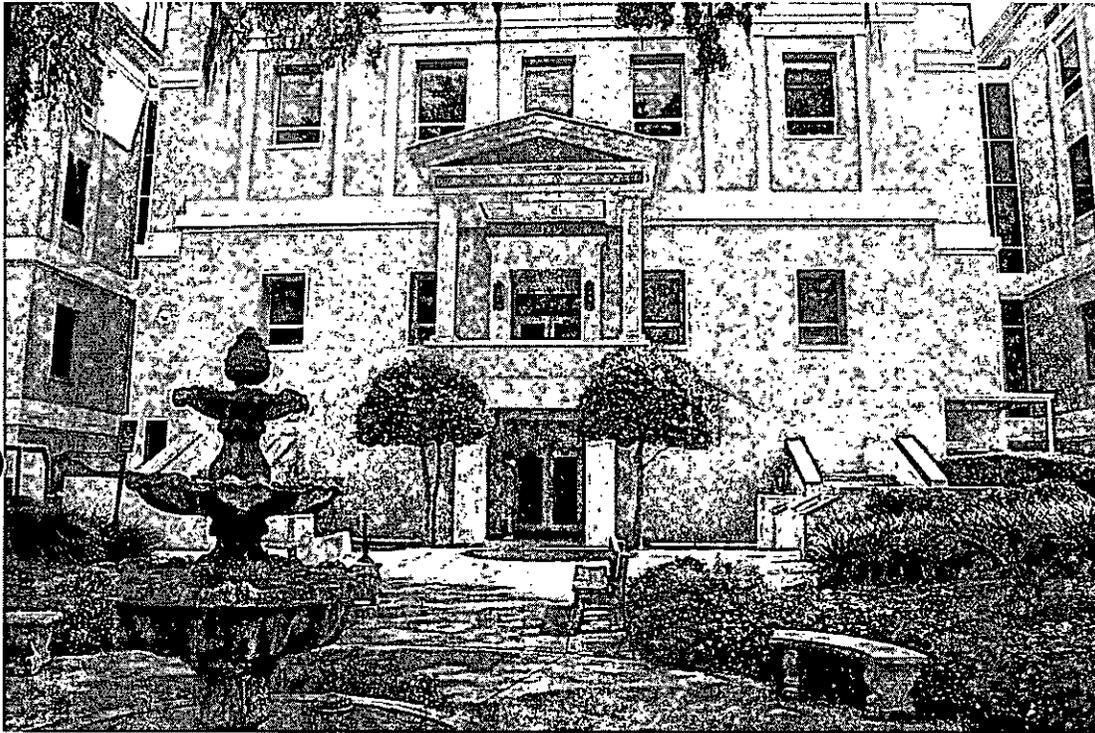
20. EXAMPLE PROJECT KEY NUMBER  
5

21. TITLE AND LOCATION ( <i>City and State</i> ) Florida Supreme Court Door Replacement Tallahassee, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION ( <i>if applicable</i> ) \$ 175,000.00

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Florida Supreme Court	b. POINT OF CONTACT NAME Mr. Kenneth Taite	c. POINT OF CONTACT TELEPHONE NUMBER (850) 487-9923
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*)



The Door Replacement project for the Florida Supreme Court involves the removal of a pair of doors on the Western Elevation of the Sub-basement and Basement levels. These doors are to be replaced with new high security doors that are both Ballistic and Bomb Resistant. The new doors will be able to resist a 4 psi load, 28 psi-msec duration and a 3b performance. The budget for this project is \$175,000.00

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Patrick E. Hoy	(2) FIRM LOCATION ( <i>City and State</i> ) Tallahassee, Florida	(3) ROLE: Individual Experience Project Architect
b.	(1) FIRM NAME James M. Stark III	(2) FIRM LOCATION ( <i>City and State</i> ) Tallahassee	(3) ROLE Project Designer
c.	(1) FIRM NAME Charlie Hoy	(2) FIRM LOCATION ( <i>City and State</i> ) Tallahassee Florida	(3) ROLE CADD/ Construction Admin.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
6

21. TITLE AND LOCATION (City and State)

Florida Supreme Court – Toilet Renovations  
Tallahassee, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2009

CONSTRUCTION (if applicable)  
\$ 430,000.00

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Florida Supreme Court

b. POINT OF CONTACT NAME

Mr. Al Menendez

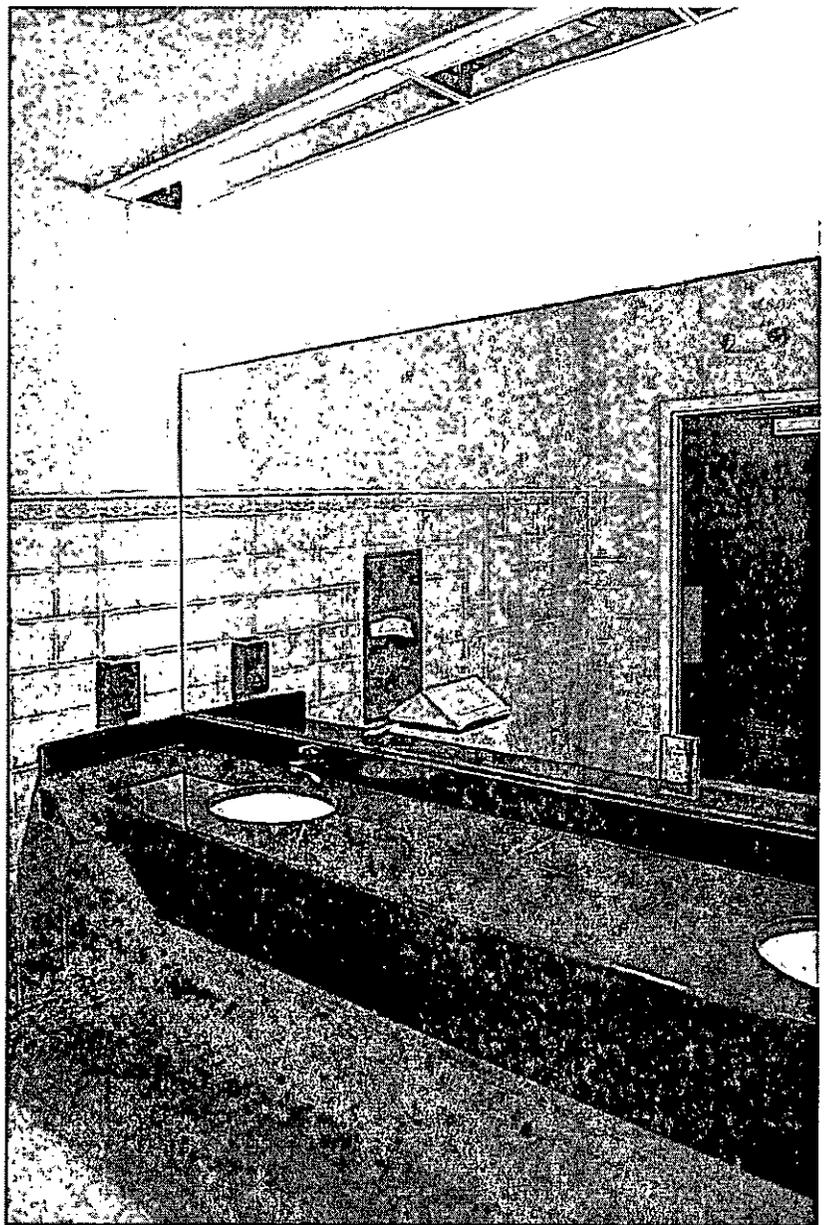
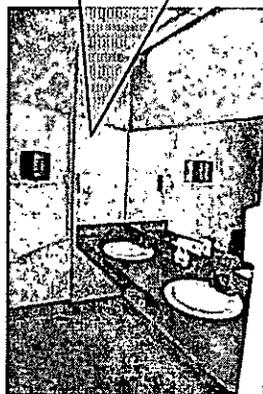
c. POINT OF CONTACT TELEPHONE NUMBER

(850) 922-6626

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Due to confidentiality and security requirements, illustrations indicating layout and placement of this scope of work is limited for public consumption. However Hoy+ Stark Architects was pleased to be selected for the Professional Architectural Services for the renovation for the public and private toilet facilities of the Florida Supreme Court Building. This scope of work included study & integration of the current code requirements into what is a building of several construction efforts and original construction dating back to 1946. In addition to the typical toilet facilities of a building of this scale, there were multiple locations of shower, locker and changing facilities to be resolved. Subject rooms are on several levels of the facility and all had to be ADA accessible and meet the current code.

**Before:**  
Existing toilet rooms were typical of tight spaces, out-dated lighting and materials needing replacement. Existing structure and adjacent spaces required individual solutions to each toilet room configuration on all floors of the facility.



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION (City and State)

Challenger Learning Center / IMAX Theater 3D Digital Upgrade  
Tallahassee, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2010

CONSTRUCTION (If applicable)  
\$ 38,000.00

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Challenger Learning Center

b. POINT OF CONTACT NAME

Ms Michelle Personette

c. POINT OF CONTACT TELEPHONE NUMBER

(850) 645-7770

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Hoy+Stark Architects are pleased to have been selected to provide professional services for the 3D Upgrade to the IMAX theater located at the Challenger Learning Center on Kleman Plaza.



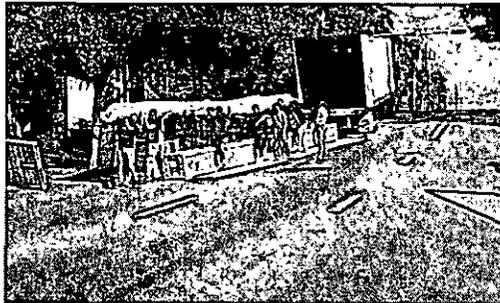
With the retro-fit of the Building underway, delivery of the specialty IMAX equipment is critical to schedule and installation sequences.

The new 3D Digital Projector is rolled into the building.

Constructed originally in 2001, the theater has operated in the classic film large format 2D arena for the past 10 years, and is upgrading now to a digital 3D format to be completed September 1, 2010. Mr. Stark was the design architect for the original facility install, bringing the history of the building construction and IMAX-fit-out done previously it was advantageous for the efficient use of time and funds for this project.

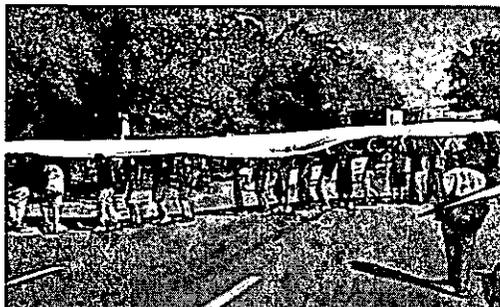


The scope of work includes removal of all of the existing 2D equipment, retrofit of the facility for the new digital 3D equipment, supplemental HVAC for projector exhaust, revised projector port window, replaced sound system including speakers and amps, and replaced screen for the new specification required for the 3D projection system.



The 50' high X 70' long screen immerses from its crate - 52' long X 4' X4'...

The crew begins carrying the screen to the building. Hi Ho Hi Ho it's off to work we go.



City coordination on an early morning street closure allows the screen to be carried into the building.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
8

21. TITLE AND LOCATION (City and State)  
Kleman Plaza Master Plan Revision  
Tallahassee, Florida

22. YEAR COMPLETED  
PROFESSIONAL SERVICES 2010  
CONSTRUCTION (If applicable) \$25,000.00

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  
City of Tallahassee

b. POINT OF CONTACT NAME  
Mr. Rick McCraw

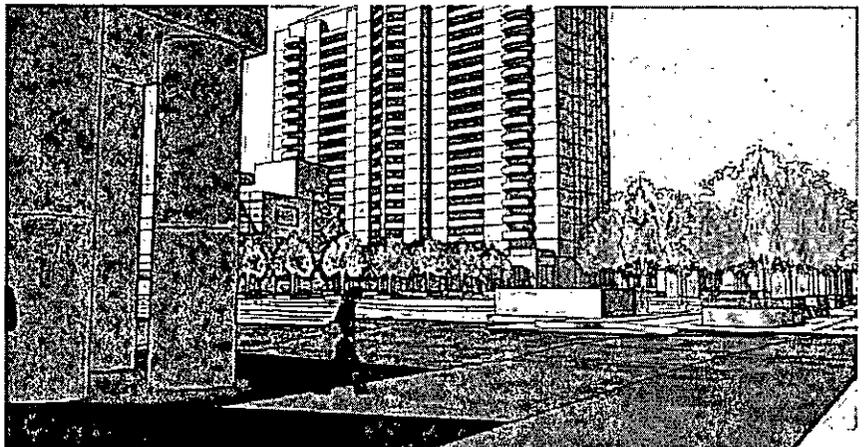
c. POINT OF CONTACT TELEPHONE NUMBER  
(850) 891-6459

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



Mr. Stark (and now Hoy+Stark Architects) has been working in a continuing services role with the City of Tallahassee as consultant regarding Kleman Plaza and the developments of the plaza for the past nine years.

As part of this consultation, tasks have included coordination of development heights, review of the proposed (and now under construction) designs of potential properties to comply with the Kleman Plaza Guidelines and the Master Plan authored by Mr. Stark, as well as coordination efforts of maintenance and corrective measures of existing properties on the Plaza.



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (*City and State*)

Florida Surplus Lines Corporate Office Building & Offices  
Tallahassee, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2003

CONSTRUCTION (*if applicable*)  
\$3,130,000.00

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Florida Surplus Lines

b. POINT OF CONTACT NAME

Mr. Gary Pullen

c. POINT OF CONTACT TELEPHONE NUMBER

(850) 224-7676 Ext.15

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*)



Mr. Hoy was the project architect for this corporate headquarters for the public/private corporation which handles Surplus Lines Insurance for the State of Florida.

The project includes 20,000 SF of class "A" corporate office space featuring contemporary technologies utilized throughout the facility.

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
 (Present as many projects as requested by the agency, or 10 projects, if not specified.  
 Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
 10

21. TITLE AND LOCATION (*City and State*)

Earl Bacon Agency – Companion Buildings  
 Tallahassee, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
 2009

CONSTRUCTION (*If applicable*)  
 \$ 3,000,000.00

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

The Earl Bacon Agency

b. POINT OF CONTACT NAME

Mr. Bobby Bacon

c. POINT OF CONTACT TELEPHONE NUMBER

(850) 878-2121

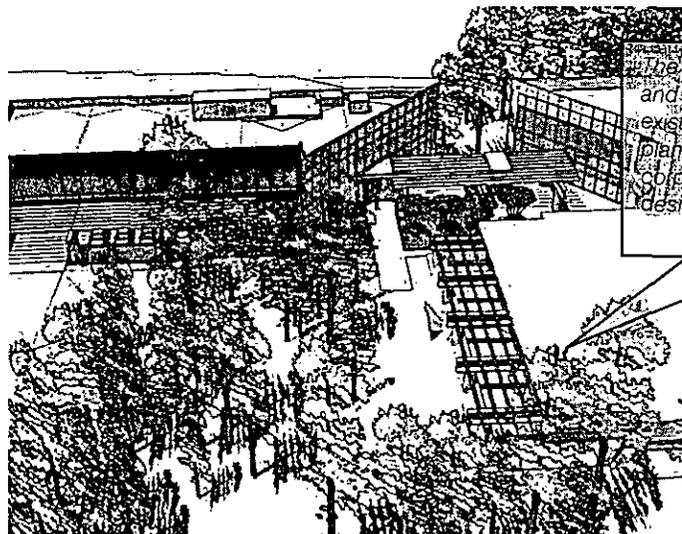
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*)



Barrett Daffin & Carlan offices located on Lonnbladh Road in Tallahassee. This building is composed of bridge-scaled elements reflecting the nature of the engineering company originally located there. Over time various uses had compromised the design integrity of the facility – until the Earl Bacon Agency bought the building and grounds renovating and returning the facility to the design it once was.

With success in business come growth, and with this growth the Earl Bacon Agency was pressed with what to do for space – their decision was to remain where they are, expanding their office spaces in the form of a campus for workers.

Desiring to maintain the campus atmosphere that currently exists on site, and respecting the significant existing aesthetic, the new facilities are to respect this architectural vocabulary and not disturb the setting of the existing building.



The nature of the wooded campus and the presence & style of the existing building were featured in the planning of the additions of corporate office space of this design.



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## H. ADDITIONAL INFORMATION

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30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

**Hoy+Stark Architects** is a full service professional Architectural corporation. We created our company in 2006 so that we could provide our clients with superior architectural service. We are an aggressive advocate for our client. Mr. Hoy and Mr. Stark have proven histories of delivering complex and difficult projects "On Time" and "In Budget". We view our role in a project as that of a facilitator. We work with all of the key team members to assist in delivering a successful project for all involved, and especially the Client. We trust our clients and believe that they are our best resource. We believe that our clients actually know what they want and that it is our job as part of a team to help them achieve it.

### Experience

We work to understand your project types and we have varieties of experience with similar continuing supply projects. Mr. Hoy has over 32 years of experience in the practice of architecture and Mr. Stark has over 28 years. Between them they have been the responsible project architects for over 500 projects of varying types, budgets, and complexities. Recently we were selected by DMS to provide the professional services for the Florida Supreme Court "Water Intrusion" and "West Doors Replacement" projects. Additionally, we are the professional consultation to the City of Tallahassee regarding development of Kleman Plaza. Also, we have been the Architect of Record for numerous Office Buildings; among them are the Market Plaza Mixed Use Building, The Earl Bacon Agency Campus and New Buildings and the Florida Surplus Lines Services Office. We have also performed numerous minor projects such as the Storm Water Site Improvements for the Florida Board of Bar Examiners, The Florida Supreme Court Existing Toilets Renovations, and the Challenger Learning Center IMAX Theater 3D Digital Upgrade for the projection system as well as numerous projects for Florida A&M University, Florida State University, and Leon County School Board. We are currently under contract with the Leon County School Board to provide professional architectural and engineering services for Minor Projects.

### Communications

Mr. Hoy as the Principal in Charge will work directly with the designated Department of Management Services Project Managers, as we are currently doing with Mr. Kenneth Taite, Mr. Kevin White - Marshal for the Supreme Court of the State of Florida. Mr. Stark has experience with continuing services contracts as well, and will participate as project architect, and designer on various projects considered for DMS as appropriate.

### Expertise

The principals of Hoy+Stark Architects have the knowledge and experience to make your projects successful. Mr. Hoy has 27 years working directly with Florida State University, 17 years experience working directly with Florida A&M University, and both Mr. Hoy and Mr. Stark have similarly completed projects for the Leon County School Board, and City of Tallahassee. Timing and budget are always critical, and we have the experience and expertise to see that goals of schedule, budget and design are met.

Mr. Stark was the Project Architect for the renovation of the Law Library Study for the Supreme Court of Florida. As such, the proposed study included site visit and programming meetings, with field measurements and photography to document the desired modifications to the proposed area of the existing facility. Upon existing documentation and establishment of the parameters of the existing structure, Mr. Stark was responsible for developing and producing a rendering for Justice Pariente, for purposes of funding requests for the Florida Legislature. Time was critical, and all work was done and presentation boards representing design concepts were delivered within budget and on time. Since that time Hoy+Stark Architects have developed a 3d model of the Supreme Court building that we are sure will assist greatly in development and understanding of this project. We have construction documents of the facility (from our experience with the building earlier), and already have knowledge of the facility, allowing us to "get up to speed" quickly.

Mr. Hoy and Mr. Stark were the Project Architects for the Schematic Design and performed the Program Management for the recently completed 42 millions dollar expansion to the Lake City Correctional Facility and the South Bay Correctional Facility for the State of Florida.

Each of the Hoy+Stark Architects project team members has experience in working with State of Florida projects and have a proven history of successfully completing projects, on time and within budget.

Key features to consider regarding the experience and ability of the Hoy+Stark Architects Team are summarized as follows:

### **Experience with Continuing Supply Projects**

The principals of Hoy+Stark Architects have had extensive experience over the past 32 years working on Continuing Supply Contracts similar to the opportunity before us.

Mr. Hoy has worked closely with the State of Florida's Department of Management Services, Florida A&M University on similar continuing service contracts including specialty areas, such as Animal Labs, Magnetic Lab facilities and computer facilities also Mr. Hoy has had great opportunity to design and deliver corporate offices and interiors, that also include computer and media areas, as well as hospitality and office.

Mr. Stark has great experience with Nokia corporation (4 separate buildings including labs, offices and conferencing centers over 4 years) with continuing services in Texas, and for the past 6 years has been continuously in the service of the City of Tallahassee, (and now with Hoy+Stark Architects) offering professional services regarding master planning of Kleman Plaza, writing guidelines regarding the development of this primary area of downtown Tallahassee, and working with City budgeting processes, fiscal year agendas, and considering issues of the City such as ADA, concerns and smooth integration of new projects on the plaza for this area.

Mr. Hoy and Mr. Stark provided professional architectural services on Leon County Schools minor projects before forming Hoy+Stark Architects. Since forming H+SA in 2006 we were selected and continue under contract with Leon County School Board to provide professional architectural and engineering services.

Our team has significant experience with this specific project type.

### **Building Codes**

We also have considerable experience in evaluating existing buildings to determine their level of code compliance the design of the necessary compliance items. Hoy+Stark Architects is a member of the International Code Congress and the NFPA.

### **Consultants**

We have a long professional working relationship with most of the professional engineering consultants in this part of the State of Florida. We have extensive successful experience with many of the firms that Leon County currently or in the past has contracted with to provide professional engineering services for Continuing Contracts.

### **Technology**

Hoy+Stark Architects has invested in the latest most up to date computer hardware and software. We do in fact have a completely portable and virtual office. You as our client can access your projects using the FTP folder and password we establish for them at our website. This connectivity allows you to keep up to day on your project.

### **Awards**

The principals of Hoy+Stark Architects have received Local, State and National Design recognition and awards for our projects.

### **Resources**

Hoy+Stark Architects uses AutoCAD for document and production. We use the FastTrack Schedule 9 computer program for scheduling and cost control of projects. This is the latest, most versatile, and the most user friendly project scheduling software available today. Hoy+Stark Architects use the latest version of Sketch Up which is a 3D architectural modeling / rendering software program and its use allows the Client to see their project as it is designed and ensure that the end product they receive is exactly what they want prior to its being produced in Construction Documents or constructed. This saves both time and money for you the Client. As well, we have ability and resources to represent design concepts and development for a project in a variety of media, (either conventional hard-copy, boards, and print, as well as electronic and multi-media) for your best representation during the life of a project.

### **Visionary**

Hoy+Stark Architects is a full service professional architectural organization that provides superior client service. The focus of our company is Design. Hoy+Stark Architects is a professional association whose principals are registered architects in Florida, Texas and North Dakota. Mr. Hoy and Mr. Stark have been providing professional architectural services for more than 32 years on the following project types: Commercial, Retail, Educational, Institutional, Industrial, Religious, Judicial, Correctional, Residential, Master Planning, Interior Design, Tenant Improvements & Build Outs, Manufacturing, Medical, Civic, and Recreational.

We believe that Architecture is the highest of all the art forms and that all of our clients are both desiring and deserving of it. We know that the collaboration between the Client and the Architect is a sacred trust and done properly results in a truly unique architectural statement. A statement about what the Client believes and wishes to put forth to the community about themselves, their organization, and what they feel about the City that they live and work in.

We have always believed that our clients are our best resources. We listen to all that they tell us about themselves and their project. We assimilate this information into an architectural idea that is presented to the client for their review and comment. It is our position that the client does in fact know what they want. It is the architect's job to glean from them the idea and present it to them in the language of the architect; the client will know if it is what they wished for.

Being chosen by the Client to design their project is an honor that we never lose an appreciation for. We know that we are being entrusted with a confidence to be earned and we never take this for granted. It is the architect's responsibility to assist the Client in creating a unique piece of architecture and making a beautiful space for their customers and the members of the community at large to experience.

**Diversity**

Hoy+Stark Architects is supportive of a diverse work place. We are an Equal Opportunity Employer and when possible we incorporate MBE and WBE consultants into our team.

**Commitment**

We enjoy our current working relationship with many municipal agencies in North Florida, and now welcome this opportunity to serve Leon County, and a service provider on this team as such; we look forward to continuing to provide quality professional architectural services to you on your Continuing Contracts as a component of this Civil Engineering Services Continuing Supply proposal.

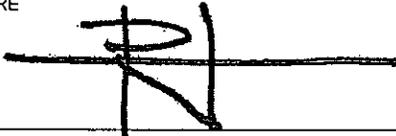
We believe that we have demonstrated commitment to you on prior projects, and we will work hard for you to ensure that our role as needed on this team works to in fact receive the best value for the tax dollars spent on all projects we are involved in, to meet the goals and standards that Leon County, and we all, the Tax Payers expect, need, and deserve..

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**I. AUTHORIZED REPRESENTATIVE**

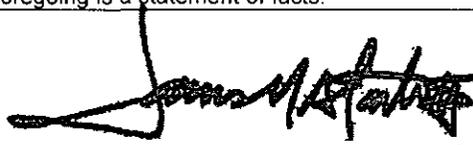
The foregoing is a statement of facts.

31. SIGNATURE



33. NAME AND TITLE

Patrick E. Hoy, AIA, President



James M. Stark, III, AIA, Secretary

32. DATE

March 17, 2011

# ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

BC-03-17-11-25

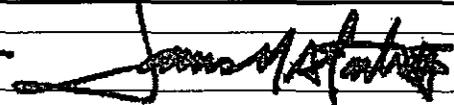
## PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Hoy+Stark Architects			3. YEAR ESTABLISHED 2006	4. DUNS NUMBER N/A
2b. STREET 1350 Market Street – Suite 209			5. OWNERSHIP	
2c. CITY Tallahassee			2d. STATE Florida	2e. ZIP CODE 32312
6a. POINT OF CONTACT NAME AND TITLE Patrick E. Hoy, AIA, Principal or James M. Stark, III, AIA, Principal			a. TYPE Architect	
6b. TELEPHONE NUMBER 850.893.5971			6c. E-MAIL ADDRESS phoy@hoystark.com or mstark@hoystark.com	
8a. FORMER FIRM NAME(S) (If any) N/A			8b. YR. ESTABLISHED N/A	8c. DUNS NUMBER N/A
6a. POINT OF CONTACT NAME AND TITLE Patrick E. Hoy, AIA, Principal or James M. Stark, III, AIA, Principal			b. SMALL BUSINESS STATUS Small Business	
6b. TELEPHONE NUMBER 850.893.5971			7. NAME OF FIRM (If block 2a is a branch office) N/A	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	1		C10	Commercial Building (low rise); Shopping Centers	1
06	Architect	2		C11	Community Facilities	1
08 15	Construction Inspector and CADD Technician	1		D04	Design-Build- Preparation of Requests for Proposals	1
47 & 39	Planner & Landscape Architect	1		D07	Dining Halls; Restaurants	1
				E02	Educational Facilities; Classrooms	1
				E05	Elevators	1
				G01	Garages; Parking Decks	1
				H10	Hotels; Motels	1
				H11	Housing	1
				I05	Interior Design; Space Planning	1
				I06	Irrigation; Drainage	1
				L03	Landscape Architecture	1
				O01	Office Buildings; Industrial Parks	2
				P06	Planning (Site, Installation, and Project)	1
				R06	Rehabilitation (Buildings; Structures; Facilities)	1
				T02	Testing and Inspection Services	1
				V01	Value Analysis; Life -Cycle Costing	1
				Z01	Zoning; Land Use Studies	1
	Other Employees					
<b>Total</b>		<b>5</b>				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less than \$100,000.	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	3	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	4	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

SIGNATURE  &  b. DATE  
March 17, 2011

c. NAME AND TITLE  
Patrick E. Hoy, AIA, President & James M. Stark, III, AIA, Secretary

**12. AUTHORIZED REPRESENTATIVE**  
The foregoing is a statement of facts.



**APPENDIX C**

**PROJECT  
INFORMATION FORMS**



## *Williams Landing Pier Evaluation and Repair*

### *Leon County, Florida*

**Project Owner:**

Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500

**Owners Project Manager:**

Pat Plocek

**Key Team Members and Role:**

John Sliger, PE - Project  
Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -Technician

**Project Completed:**

January 2010

**Project Overview**

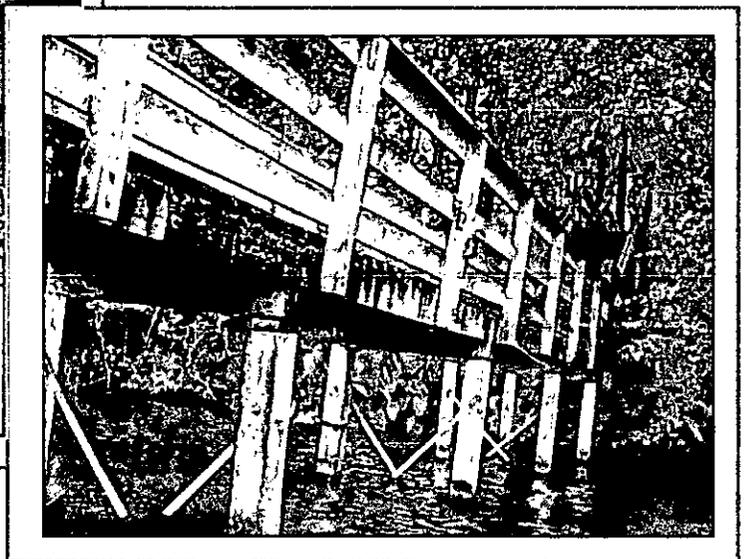
Registe, Sliger Engineering, Inc. (RSE) was contracted by Leon County to inspect and evaluate the current conditions of Williams Landing Pier and provide design services for repair including design and construction drawings. The pier inspection by RSE consisted of a visual inspection for common wood structure deterioration such as fruiting bodies indicating fungal attack, sunken faces indicating underlying decay, and insect activity. Sounding with a hammer, drilling and increment coring were used to detect and determine the extent of internal decay in the pier members.

RSE personnel revealed many deficiencies with the structure. Based on the pile and beam sounding, RSE was able to determine that the overall rating of the structure is poor. The underwater investigation revealed that the concrete piles are in good condition except scaling of the aggregate at water level. The piles can be saved by jacketing them a total of 2 feet above and below the water level.

The top of the entire deck exhibits abrasion wears and decay but is in fair condition. Some of the railings are loose (can easily be moved back and forth with hands). Some of the posts exhibit wide cracks and are split over a great portion of their length. RSE recommended to replace the decking to include the railing system.



Existing Pier



Existing Pier



# Chinsegut Wildlife Management Area Trailhead Hernando County, Florida

**Project Owner:**

Florida Fish and Wildlife  
Conservation Commission  
620 S. Meridian Street  
Tallahassee, FL 32399  
(850) 921-9931

**Owners Project Manager:**

Hugh McArthur, LA

**Key Team Members and  
Role:**

John Sliger, PE - Project  
Manager

Jacques Registe, PE -  
Structural Engineer

Carlos Campos, EI -  
Engineer Intern

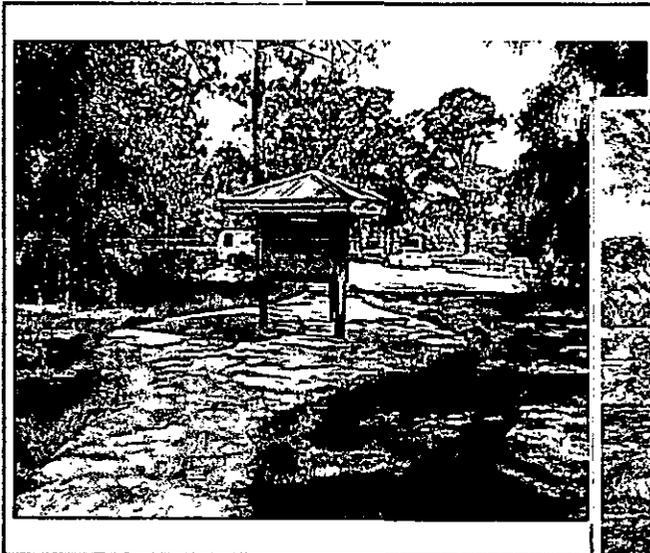
**Project Completed:**

May 2006

### Project Overview

RSE provided site design for the Chinsegut Wildlife Management Area Trailhead. The site plan included a parking area, driveway and a grading plan to ensure the handicap parking conformed to ADA specifications. RSE provided permitting services through the Southwest Florida Water Management District.

The 1.2 acre project site consisted of approximately 4,000 square feet of roadway and parking area and 1,100 square feet of sidewalk. Parking area consisted of one handicap space on a concrete slab and three other on compacted limerock. Informational kiosk and pavilion design was also included.



Informational Kiosk and Walking Trail



Pavilion and Table Area



# Dowling Park River Camp Suwannee County, Florida

**Project Owner:**  
Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**  
Jim Ross

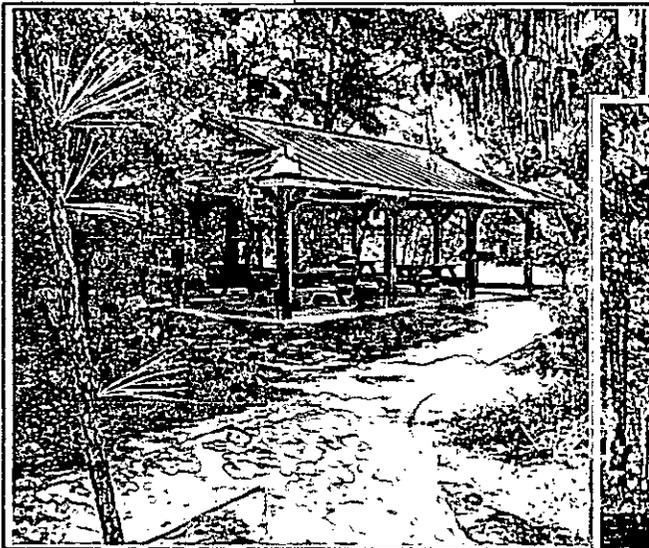
**Key Team Members and  
Role:**

John Sliger, PE - Project  
Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

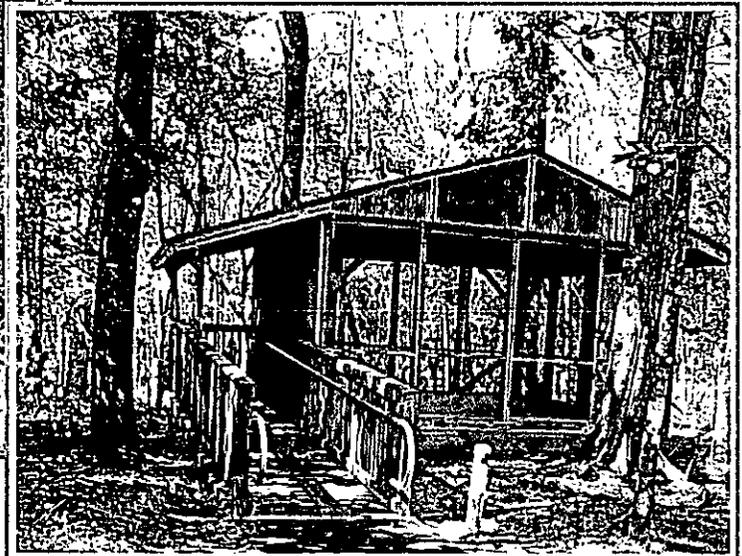
**Project Completed:**  
May 2008

## Project Overview

Engineers at RSE designed sleeping platforms and picnic pavilions for Dowling Park, one of the river camps along the Suwannee River Wilderness Trail. The sleeping platforms featured screened walls, electricity and ceiling fans. One of the sleeping platforms was designed to accommodate ADA accessibility requirements.



Picnic Pavilion



Sleeping Platform



# Fort Cooper State Park Multi-Use Trail Design

## Fort Cooper State Park, Florida

**Project Owner:**

Florida Department of Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**

Richard Reinert, PE

**Key Team Members and Role:**

John Sliger, PE - Project Manager/Engineer  
Carlos Campos, EI - Engineer Intern

**Project Completed:**

August 2006

### Project Overview

RSE provided design and permitting services for the Fort Cooper Multi-Use Trail. The approximately ¾ mile long trail is 10 feet wide and connects the Fort Cooper State Park with the Withloocoochee Trail. Additional design services included erosion control plans, benches, bollards and a pay station.

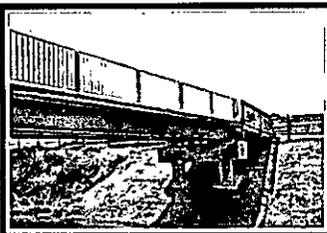
RSE provided permitting services through Citrus County, the Southwest Florida Water Management District (SWFWMD) and FDEP NPDES section.



Multi-Use Paved Trail



Multi-Use Paved Trail



## Lake Henrietta Pedestrian Trail and Bridge Leon County, Florida

### **Project Owner:**

**Leon County Department  
of Public Works  
2280 Miccosukee Rd  
Tallahassee, FL 32308  
(850) 606-1500**

### **Owners Project Manager:**

**Pat Plocek**

### **Key Team Members and Role:**

**John Sliger, PE—**

**Project Manager**

**Jacques Registe, PE—**

**Structural Engineer**

**Carlos Campos, EI—**

**Engineer Intern**

**Brett Williams—**

**Technician**

### **Construction**

**Completed:**

**May 2010**

### **Project Overview**

The Lake Henrietta Pedestrian Bridge and Trail project is the missing link in a system that connects the City of Tallahassee's Silver Lake Park with Leon County's Lake Henrietta Park. The Lake Henrietta Park and the new connector trail are part of the Capital Cascades Greenway. Registe, Sliger Engineering, Inc. (RSE) was selected by Leon County to provide the civil and structural engineering design, permitting, and construction inspection services for the project.

The 950-foot long trail is lined with crushed oyster shell running along the bank of the East Drainage Ditch.

Turning to follow Munson Slough, the trail becomes a 12-foot wide, ADA compliant boardwalk to ramp up to the elevation of the 52-foot single span steel bridge. The bridge was designed to be above the 100-year floodplain elevation. The bridge then connects to the Lake Henrietta Trail, a 6,600-foot loop around the bank of Lake Henrietta.

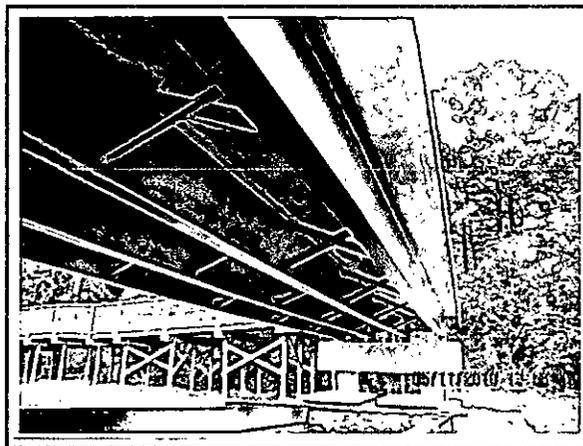


**Prior to Improvements**

### **Design**

The pedestrian and bike trail that connects Silver Lake Park with Lake Henrietta Park was designed to be a 12-foot wide trail with a 6-inch limerock base and a 3-inch layer of crushed oyster shell on top. The trail changes to a 2-inch thick asphalt trail for approximately 52-feet to minimize corrosion issues as it approaches the boardwalk. The boardwalk was designed to have Trex Decking and picket railing with an aluminum handrail consistent with ADA criteria. The bridge consists of a 6-inch thick class II concrete deck on top of W24 x 62 steel girders and

structural steel cross bracing. The bridge is 52-foot long and founded on 2 — 24-inch diameter concrete drilled shafts. The design phase for this project began in February 2009 and ended in July 2009.

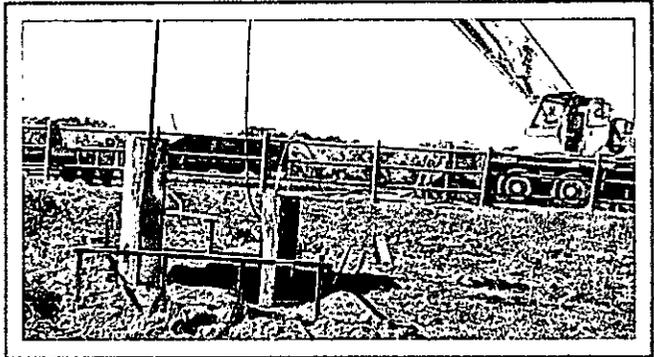


**Bridge and Boardwalk**

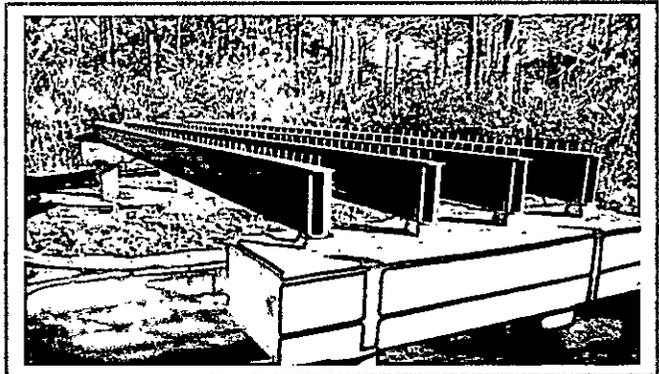
*Lake Henrietta Pedestrian Trail and Bridge*

**Construction**

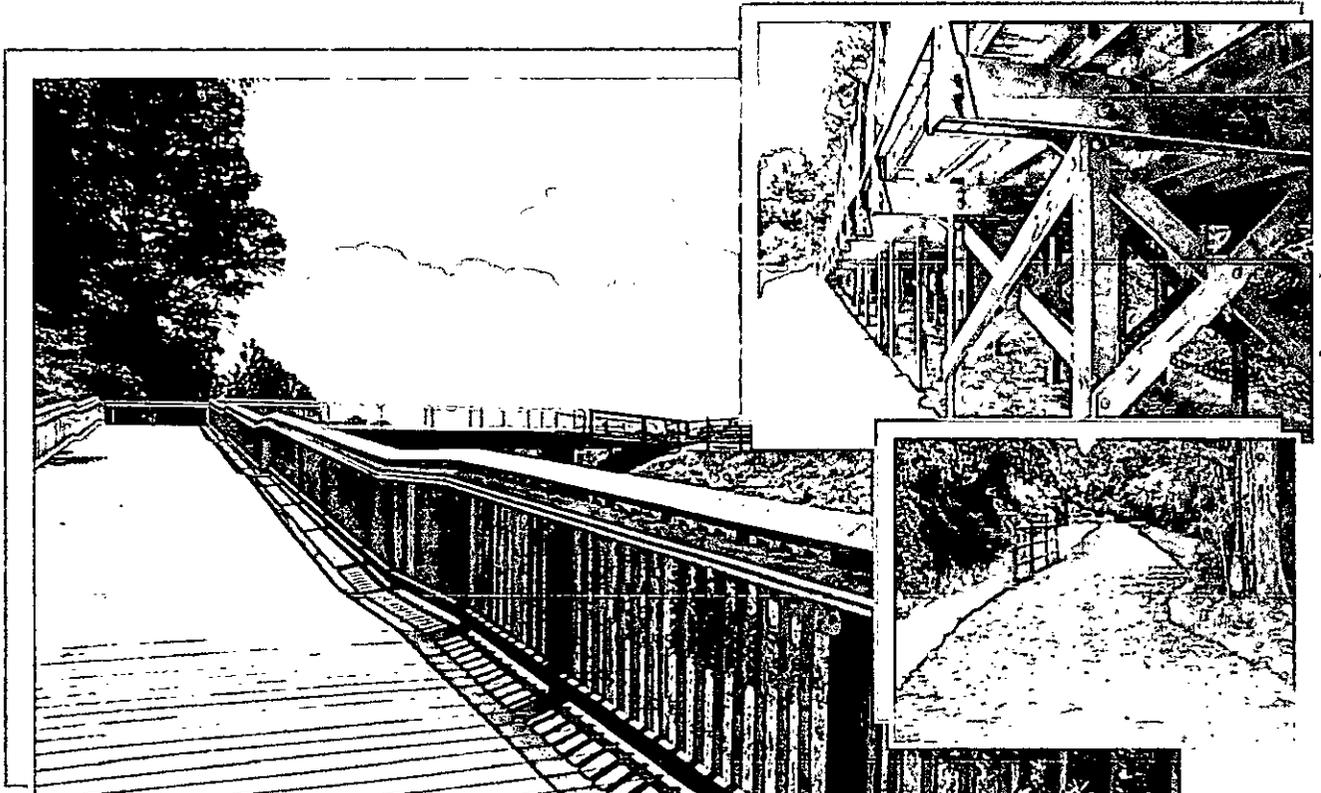
The Lake Henrietta Pedestrian Trail and Bridge project was completed in one phase of construction. Construction began in October 2009. The bridge was constructed prior to the boardwalk starting with the drilled shafts and pile caps. The girders, cross bracing, and deck were then installed. Aluminum pedestrian/bicycle railing was used on the bridge. Once the bridge was complete the boardwalk was constructed. Construction of the project was completed in June 2010 with minimal environmental impacts and complications even though the project was located in wetlands and a flood zone.



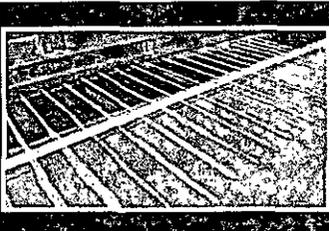
Installation of Drilled Shafts



Bridge During Construction



Completed Boardwalk, Bridge, and Trail



# Missouri Little Duck Historic Bridge Repair Monroe County, Florida

**Project Owner:**  
Florida Department of  
Environmental Protection  
3900 Commonwealth Blvd  
Tallahassee, FL 32399  
(850) 245-2989

**Owners Project Manager:**  
Randy Smith

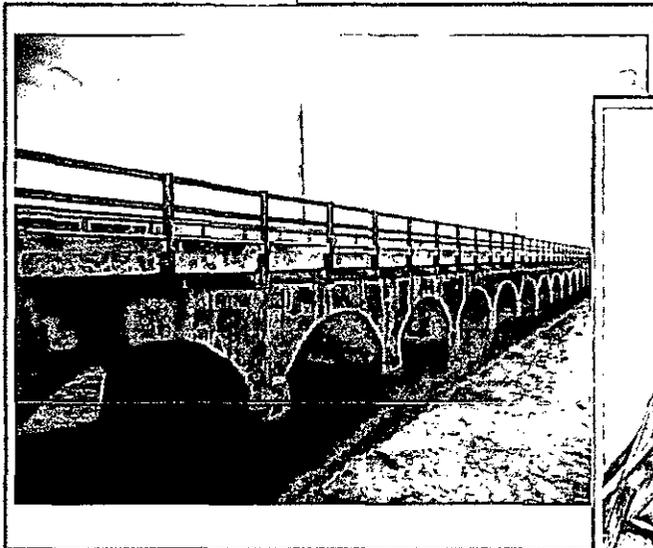
**Key Team Members and  
Role:**

- Jacques Registe, PE –  
Project Manager
- John Sliger, PE - Project  
Engineer
- Carlos Campos, EI -  
Engineer Intern
- Brett Williams -  
Technician

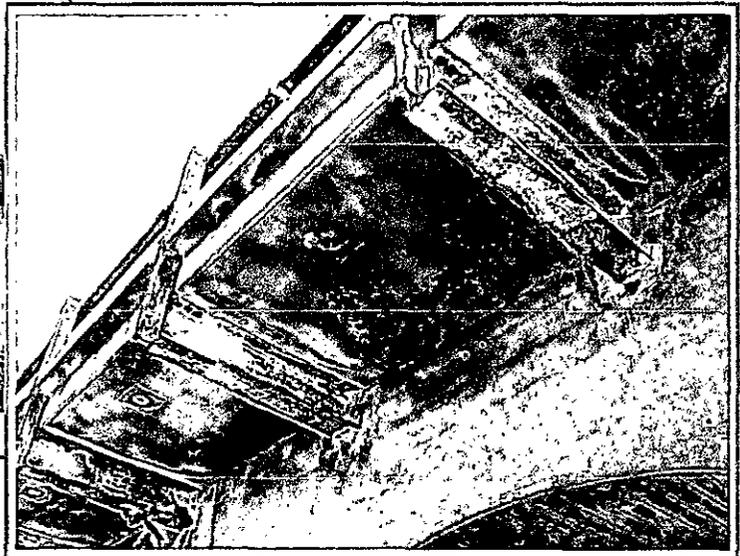
**Project Completed:**  
May 2008

## Project Overview

The project included work on the Missouri Little Duck Historic Bridge, part of the Florida Keys Overseas Heritage Trail. Repairs included details involving repairing slabs/decks, milling and resurfacing, replacing handrails and concrete spall and crack repair. Since the steel I-beams were damaged, RSE used a near surface reinforcement which is a new design concept utilizing carbon fiber polymer reinforcement to support the overhang slabs.



Missouri Little Duck Historic Bridge



Post Construction



# Ponce de Leon Springs State Park Holmes County, Florida

**Project Owner:**  
Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

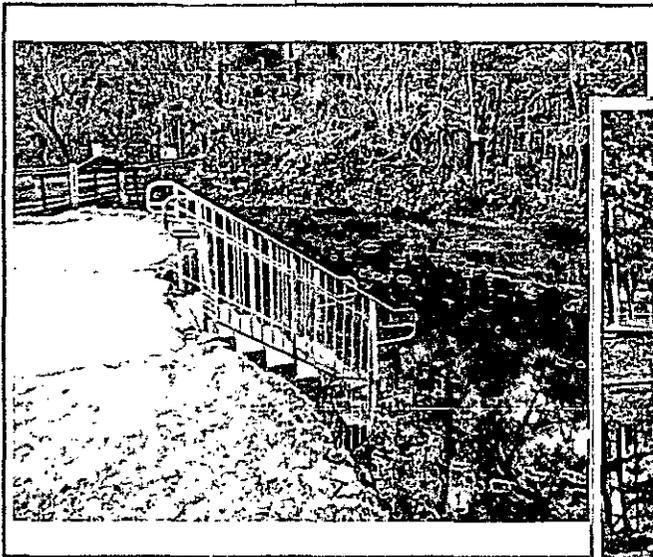
**Owners Project Manager:**  
Richard Reinert, PE

**Key Team Members and  
Role:**  
John Sliger, PE - Project  
Manager  
Jacques Registe, PE -  
Structural Engineer  
Carlos Campos, EI -  
Engineer Intern

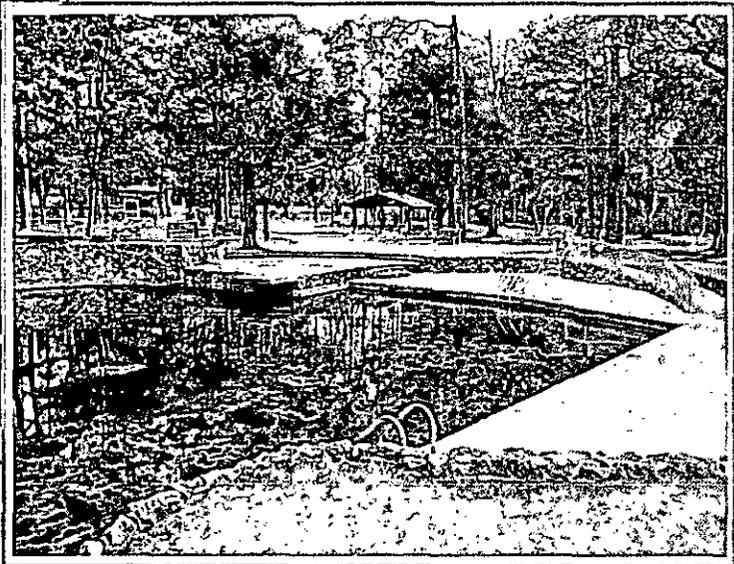
**Project Completed:**  
May 2007

## Project Overview

Engineers at RSE designed a new retaining wall system, ADA ramp, ladders and other park amenities for the Ponce de Leon Springs State Park swim area. The project was initiated due to the deterioration of the existing retaining wall system and to improve the water circulation in the springhead area. Additional services included wetland delineation, addressing water quality issues and permitting.



Swimmer Access to Spring Run



Spring Head Swim Area



# *Ravine Gardens Pedestrian Bridge* *Ravine Gardens State Park, Florida*

**Project Owner:**

Florida Department of Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**

Richard Reinert, PE

**Key Team Members and Role:**

Jacques Registe, PE - Project Manager/  
Structural Engineer  
John Sliger, PE - Project Engineer  
Carlos Campos, EI - Engineer Intern  
Brett Williams - Technician

**Project Completed:**

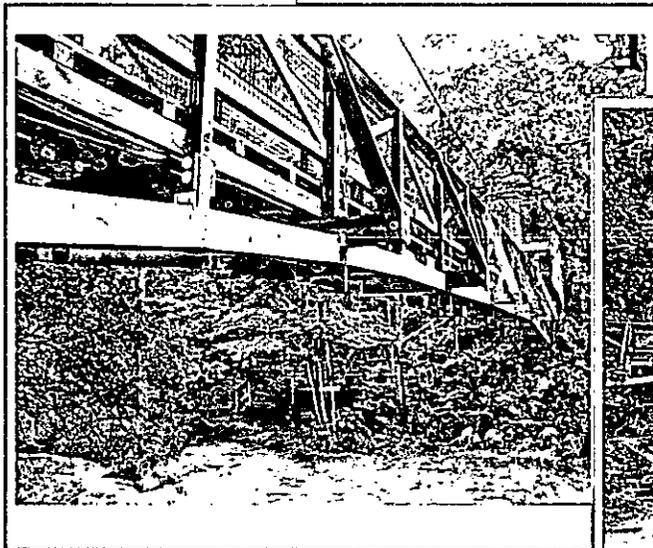
June 2006

**Project Overview**

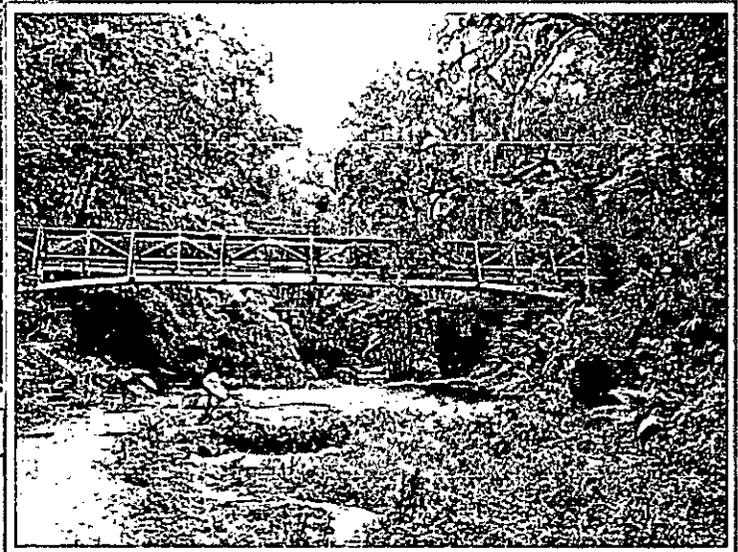
Ravine Gardens State Park was created in 1933 by the Federal Works Progress Administration. The park protects a ravine that was created over thousands of years by water flowing through the sandy ridges on the shore of the St. John's River. The ravine was transformed into a dramatic garden and much of the original landscaping still exists as formal gardens and an extensive trail system. Registe, Sliger Engineering, Inc. (RSE) was selected by Florida Department of Environmental Protection to provide bridge design and construction administration services.

RSE engineers designed the 100-foot wooden cable suspension pedestrian bridge to cross the ravine. One of the unique challenges faced in the design and construction of this project included the remote location of the bridge and difficulty in access for construction.

The Ravine Gardens State Park pedestrian bridge was one of the recipients of the 2006 ABC Excellence in Construction Award.



**Pedestrian Bridge**



**Pedestrian Bridge crossing Ravine**

# *Topsail Hill Preserve State Park Cabins*

## *Walton County, Florida*

**Project Owner:**  
Florida Department of  
Environmental Protection  
3540 Thomasville Road  
Tallahassee, FL 32309  
(850) 488-5372

**Owners Project Manager:**  
Don Page

**Key Team Members and  
Role:**

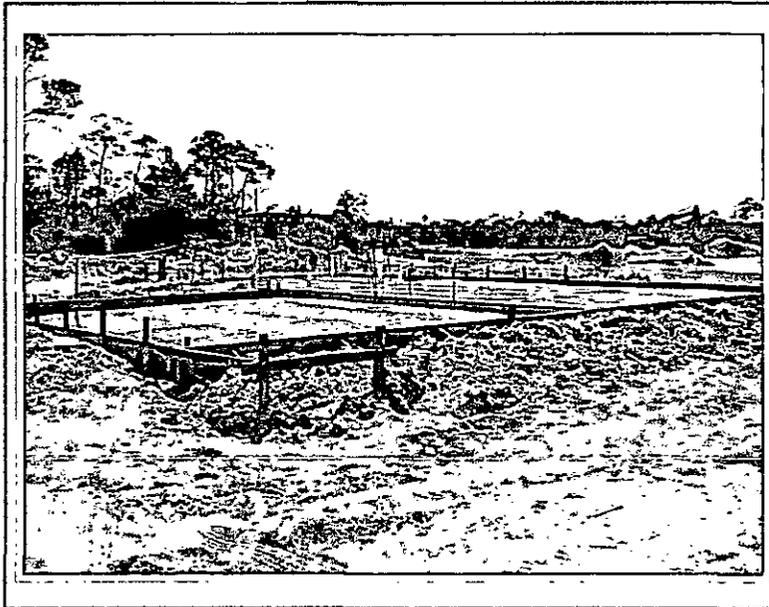
John Sliger, PE -  
Project Manager  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

**Project Completed:**  
May 2008

### **Project Overview**

Registe, Sliger Engineering, Inc. (RSE) was contracted by Florida Department of Environmental Protection to provide wind load analysis and foundation design for a prototype cabin, one ADA cabin, and one cabin support building to be constructed at the Topsail Hill Preserve State Park. Wind loads were based on a 130 MPH wind speed, Exposure Category C, partial enclosed. It was acknowledged that the design of the prototype cabin and ADA cabin may be utilized to construct multiple units at the project site under the initial permit

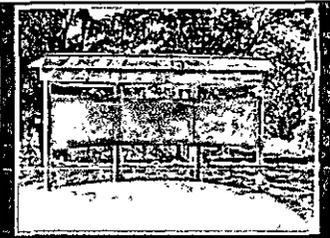
RSE provided the Department of Environmental Protection, Division of Parks and Recreation with final CADD files as well as a final set of construction drawings. RSE provided structural shop drawing review to ensure conformance to the design intent.



**During Construction**



**Wall Framing and Sheathing for  
Cabin Support Building**



# *Trailhead Design for Aucilla WMA Jefferson County, Florida*

**Project Owner:**  
Florida Fish & Wildlife  
Conservation Commission  
620 S Meridian Street  
Tallahassee, FL 32399  
(850) 488-4676

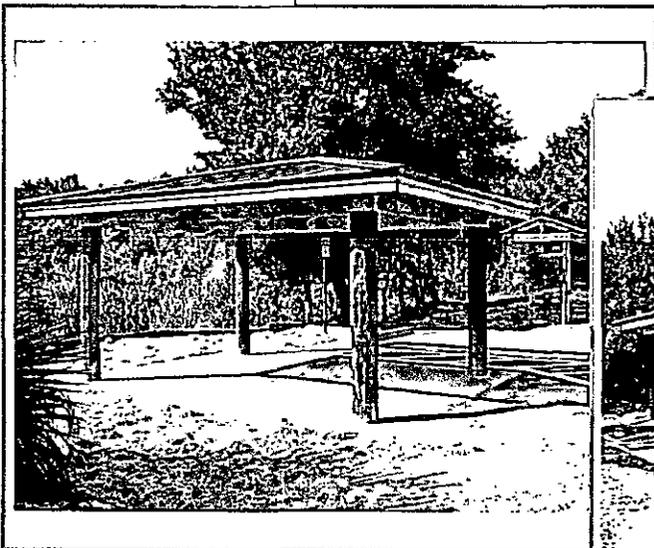
**Owners Project Manager:**  
Hugh McArthur, LA

**Key Team Members and  
Role:**  
John Sliger, PE - Project  
Manager/Engineer  
Carlos Campos, EI -  
Engineer Intern  
Brett Williams -  
Technician

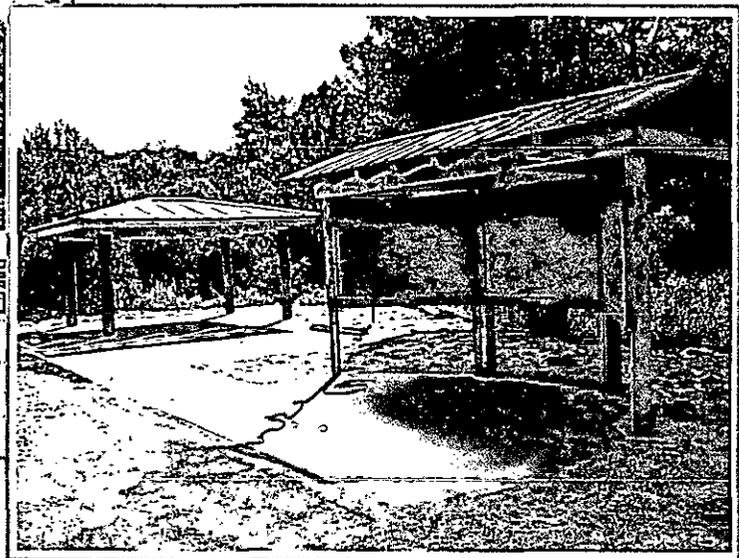
**Project Completed:**  
September 2008

## **Project Overview**

RSE was contracted by the Florida Fish & Wildlife Conservation Commission to design five trailhead sites along the Aucilla River. Each site consisted of parking facilities, ADA parking areas, minor stormwater design improvements, pavilions and informational kiosks.



**Pavilion**



**Pavilion, ADA Parking and Informational Kiosk**