

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.

BY Eutaw Utilities, Inc
(Firm Name)

(Authorized Representative)
Lane P. Lucas, P.E.
(Printed or Typed Name)
ADDRESS 415 St. Francis Street, Unit 114
CITY, STATE, ZIP Tallahassee, FL 32301
TELEPHONE (850) 383-0400
FAX (888) 878-2939

ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)

Addendum #1 dated 3-3-11 Initials LPL Addendum #3 dated _____ Initials _____
Addendum #2 dated 3-8-11 Initials LPL Addendum #4 dated _____ Initials _____

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> a. Stormwater Engineering | <input type="checkbox"/> h. Surveying |
| <input checked="" type="checkbox"/> b. Roadway Design | <input checked="" type="checkbox"/> i. Subdivision and Site Development Engineering |
| <input type="checkbox"/> c. Traffic and Intersection Engineering | <input type="checkbox"/> j. Parks and Recreational Facility Engineering |
| <input type="checkbox"/> d. Structural Engineering | <input checked="" type="checkbox"/> k. Utility Engineering |
| <input type="checkbox"/> e. Geotechnical Services | |
| <input type="checkbox"/> f. Environmental Support Services | |
| <input type="checkbox"/> g. Construction Engineering and Inspection Services | |

**SEALED PROPOSAL FOR
CIVIL ENGINEERING SERVICES,
CONTINUING SUPPLY**

Prepared For

Leon County

To provide civil engineering services on a continuing supply basis for work in the following categories: Stormwater Engineering, Roadway Design, Subdivision and Site Development Engineering, and Utility Engineering

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

March 17, 2011

2:00 PM

Submitted by

Eutaw Utilities, Inc.

Concept to Completion

415 St. Francis St; Unit 114, Tallahassee, Florida 32301

(850) 383-0400

Contact: **Lane P. Lucas, PE Project Manager**

(850) 509-4134 • lpl1029@comcast.net

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GENERAL INFORMATION (ALL WORK CATEGORIES)

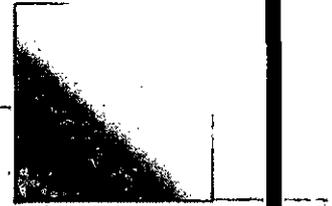
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Executive Summary	Section B
Required Forms	Section C

SPECIFIC PROPOSAL INFORMATION (EACH WORK CATEGORY)

Ability of Professional Personnel	Section A
Experience with Projects of a Similar Type and Size	Section B
Willingness to Meet Schedule and Budget Requirments	Section C
Effect of Firm's Recent, Current, and Projected Workload	Section D
Effect of Project Team Location	Section E
Approach to the Project	Section F

**General
Information
Section A**

**CONTRACTOR
INFORMATION**



PRIME CONTRACTOR:

Eutaw Utilities, Inc
415 St. Francis Street; Unit 114
Tallahassee, FL 32301
850-383-0400 (office)
888-878-2939 (fax)
Lane P. Lucas, PE; Project Manager
850-509-4134 (cell)
lpl1029@comcast.net (email)

SUB-CONTRACTORS:

Environmental and Geotechnical Specialists, Inc. (EGS)
Geotechnical Exploration and Analysis
Environmental Support Services

Catalyst Engineering, LLC (CE)
Roadway and Drainage Support Services

Thurman Roddenberry and Associates, Inc. (TRA)
Surveying and Mapping



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Events	No Name History	<input type="button" value="Submit"/>			
Detail by Entity Name					
<u>Florida Profit Corporation</u>					
EUTAW UTILITIES, INC.					
<u>Filing Information</u>					
Document Number	P04000005691				
FEI/EIN Number	200560566				
Date Filed	01/07/2004				
State	FL				
Status	ACTIVE				
Last Event	AMENDMENT				
Event Date Filed	06/02/2010				
Event Effective Date	NONE				
<u>Principal Address</u>					
415 SAINT FRANCIS ST, #114 TALLAHASSEE FL 32301					
Changed 01/06/2011					
<u>Mailing Address</u>					
2650 SHILOH WAY TALLAHASSEE FL 32308					
Changed 10/24/2005					
<u>Registered Agent Name & Address</u>					
DRANSFIELD, DALE L 2650 SHILOH WAY TALLAHASSEE FL 32308 US					
Name Changed: 10/24/2005					
Address Changed: 10/24/2005					
<u>Officer/Director Detail</u>					
Name & Address					
Title P					
LUCAS, LANE P 7841 MACLEAN ROAD TALLAHASSEE FL 32312					
Title S/T					
DRANSFIELD, DALE L 2650 SHILOH WAY TALLAHASSEE FL 32308					

Title V

NEIHAUS, MARC E
3317 LAKESHORE DRIVE
TALLAHASSEE FL 32312

Annual Reports

Report Year Filed Date

2009 01/06/2009
2010 01/08/2010
2011 01/06/2011

Document Images

- [01/06/2011 -- ANNUAL REPORT](#)
- [06/02/2010 -- Amendment](#)
- [01/08/2010 -- ANNUAL REPORT](#)
- [01/06/2009 -- ANNUAL REPORT](#)
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- [01/03/2006 -- ANNUAL REPORT](#)
- [10/24/2005 -- Amendment](#)
- [02/14/2005 -- ANNUAL REPORT](#)
- [01/09/2004 -- Domestic Profit](#)

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

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State of Florida, Department of State

10:00:23 AM 3/17/2011

Licensee Details

Licensee Information

Name: **Eutaw Utilities, Inc. (Primary Name)**
 (DBA Name)

Main Address: **415 ST FRANCIS STREET UIT 114**
TALLAHASSEE Florida 32301

County: **LEON**

License Mailing:

LicenseLocation:

License Information

License Type: **Certificate of Authorization**

Rank: **Cert of Auth**

License Number: **9961**

Status: **Current,Active**

Licensure Date: **01/23/2004**

Expires: **02/28/2013**

Special Qualifications Qualification Effective

[View Related License Information](#)

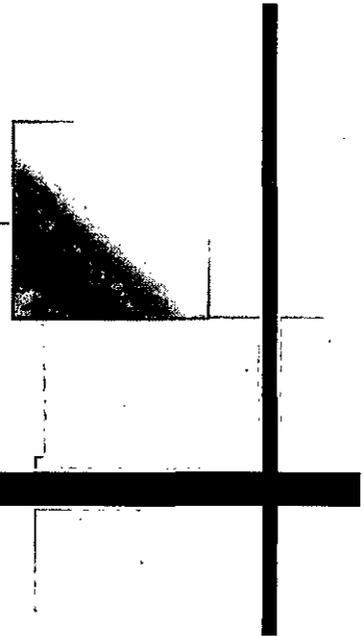
[View License Complaint](#)

Contact Us :: [1940 North Monroe Street, Tallahassee FL 32399](#) :: Call.Center@dbpr.state.fl.us :: Customer Contact Center:
 850.487.1395

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Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions regarding DBPR's ADA web accessibility, please contact our Web Master at webmaster@dbpr.state.fl.us.

**EXECUTIVE
SUMMARY**



Eutaw Utilities, Inc. is a Tallahassee-based planning, engineering and consulting business specializing in public infrastructure improvement projects for communities throughout the State of Florida. Our staff has extensive engineering experience on a wide range of projects, including major roadway reconstruction, roadway maintenance (RRR), bridge design, wastewater treatment facilities, potable water facilities, stormwater master planning, stormwater design, private developments, and parks and recreation projects.

Eutaw Utilities has served several Florida communities on a continuing service basis. Currently, we are serving the City of Live Oak, the City of Webster and Wakulla County in this capacity. As such, we understand the administrative, political and technical procedures for making a community's needs become reality. The focus of our company is helping counties and municipalities meet their infrastructure needs. We strive to provide outstanding service from Concept to Completion, often assisting communities with planning, policy issues, funding and administrative challenges to ensure that the projects are successfully completed.

The key staff of Eutaw Utilities (EUI) has been involved in numerous Leon County Public Works projects over the last 15 years. Our staff, while at a different employer, served the County on numerous roadway projects, including Buck Lake Road, Old Magnolia Road, Cypress Landing Road, Roccoco Road, and Pisgah Church Road. We have also worked closely with the County in the development, design, permitting and construction of County Parks and Recreation facilities. While with a different firm, our staff was instrumental in the creation of the Chaires-Capitola Park and the Fort Braden Park. In addition to working for the County, we have worked with the County on several private developments subject to County review and approval, including River's Edge Subdivision and Centerville-A Conservation Community.

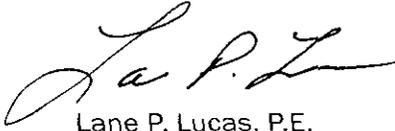
Our project manager, Lane Lucas, will be the designated representative of Eutaw Utilities on this contract. Lane has over 16 years of experience in providing engineering services to communities and state agencies in Florida. His technical experience has been gained predominantly on roadway and stormwater improvement projects for Leon County, the City of Tallahassee, and the Florida Department of Transportation. He currently serves the City of Live Oak and the City of Webster in the implementation of their city-wide stormwater master plans and miscellaneous roadway, parks and public infrastructure improvements. Through his experience, both technically and managerially, Lane is well suited to serve as an extension of Leon County's Public Works staff in meeting the infrastructure challenges that the City faces.

Lane will be supported by the Eutaw staff, including Marc Neihaus P.E., William Hamner, Matt Hurd, E.I., Kirk Swanner, E.I. and Ruby McDuffie. In addition to our in-house capabilities, we have established a team of consultants to meet all the needs of the County on this contract. For geotechnical and environmental services, Environmental and Geotechnical Specialists, Inc. (EGS) will support the Eutaw team. Jennifer Menendez, P.E. of Catalyst Engineering (CE) will provide additional depth and experience for stormwater and roadway projects. Thurman Roddenberry of Thurman Roddenberry

and Associates, Inc. (TRA) will support the team with surveying and mapping services. Eutaw and our project manager have worked extensively with these subconsultants and will be able to efficiently and effectively provide a seamless design team to the County on this contract.

Through our experience in working with local governments, our technical project experience, and our understanding of the needs of Leon County, we feel that the Eutaw team is well suited to serve Leon County on this contract. *We are committed to meeting the County's needs on this contract and are excited about the opportunity to develop a long term relationship with the County.*

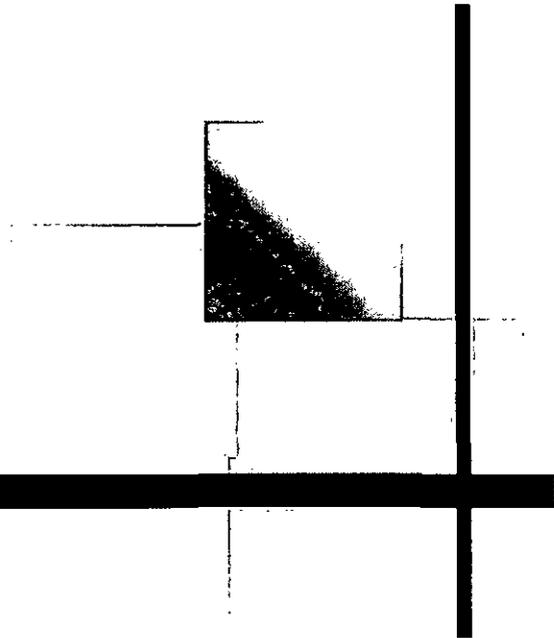
This RFP is in all respects fair and in good faith, without collusion or fraud, and the signer of the RFP has the authority to bind Eutaw Utilities, Inc. under the terms and conditions of this agreement.



Lane P. Lucas, P.E.
President



**REQUIRED
FORMS**



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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: Eutaw Utilities, Inc

Signature: *L. P. Lucan* Title: President

STATE OF Florida
COUNTY OF Leon

Sworn to and subscribed before me this 17th day of March, 2011.

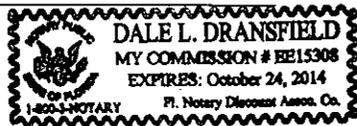
Personally known X

Dale L. Dransfield
NOTARY PUBLIC

OR Produced identification _____

Notary Public - State of Florida

(Type of identification)



My commission expires: 10-24-2014

Dale L. Dransfield
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.**

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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:

____ President _____

Firm:

____ Eutaw Utilities, 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: A15
Indicate Best Financial Classification:

Business Auto:

Indicate Best Rating: A15
Indicate Best Financial Classification:

Professional Liability:

Indicate Best Rating: A+15
Indicate Best Financial Classification:

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: A15

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 Lane P. Lucas, P.E.
Typed or Printed

Signature 

Date 3-17-2011

Title President
(Company Risk Manager or Manager with Risk

Authority)

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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

Eutaw Utilities, Inc.
Contractor/Firm

415 St. Francis Stree; Unit 114 Tallahassee, FL 32301
Address

LOCAL VENDOR CERTIFICATION

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a) Has had a fixed office or distribution point located in and having a street address within Leon, Gadsden, Wakulla, or Jefferson County for at least six (6) months immediately prior to the issuance of the request for competitive bids or request for proposals by the County; and
- b) Holds any business license required by Leon County (or one of the other local counties), and, if applicable, the City of Tallahassee; and
- c) Is the principal offeror who is a single offeror; a business which is the prime contractor and not a subcontractor; or a partner or joint venturer submitting an offer in conjunction with other businesses.

Please complete the following in support of the self-certification and submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name: Eutaw Utilities, Inc.	
Current Local Address: 415 St. Francis St; Unit 114 Tallahassee, FL 32301	Phone: 850-383-0400 Fax: 888-878-2939
If the above address has been for less than six months, please provide the prior address.	
Length of time at this address:	
Home Office Address: Same as above	Phone: Fax:

Lane P. Lucas _____ March 17, 2011 _____
 Signature of Authorized Representative Date

STATE OF Florida
 COUNTY OF Leon

The foregoing instrument was acknowledged before me this 17th day of March, 2011.

By Lane P. Lucas, P.E., of Eutaw Utilities, Inc.
 (Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)

a Florida corporation, on behalf of the corporation. He/she is personally known to me.
 (State or place of incorporation)

or has produced _____ as identification.
 (type of identification)

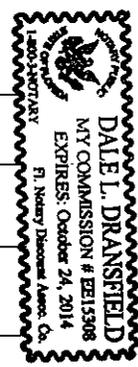
Dale L. Dransfield
 Signature of Notary

Dale L. Dransfield
 Print, Type or Stamp Name of Notary

Notary
 Title or Rank

Return Completed form with supporting documents to:

Leon County Purchasing Division
1800-3 Blair Stone Road
Tallahassee, Florida 32308



Serial Number, If Any

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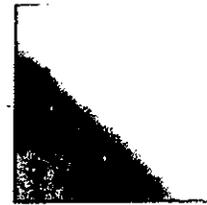
STORMWATER ENGINEERING PROPOSAL INFORMATION

Ability of Professional Personnel	Section A
Experience with Projects of a Similar Type and Size	Section B
Willingness to Meet Schedule and Budget Requirments	Section C
Effect of Firm's Recent, Current, and Projected Workload	Section D
Effect of Project Team Location	Section E
Approach to the Project	Section F



**Specific Proposal Information
Stormwater Engineering
Section A**

**ABILITY OF
PROFESSIONAL
PERSONNEL**



Ability of Professional Personnel

For Roadway and Stormwater task orders issued under this contract, Lane Lucas, P.E. will serve as Project Manager for Eutaw Utilities, Inc. and will be the main point of contact for Leon County staff. Lane has worked for and with Leon County on numerous public and private projects and is well suited to serve as an extension of the County Public Work's staff.

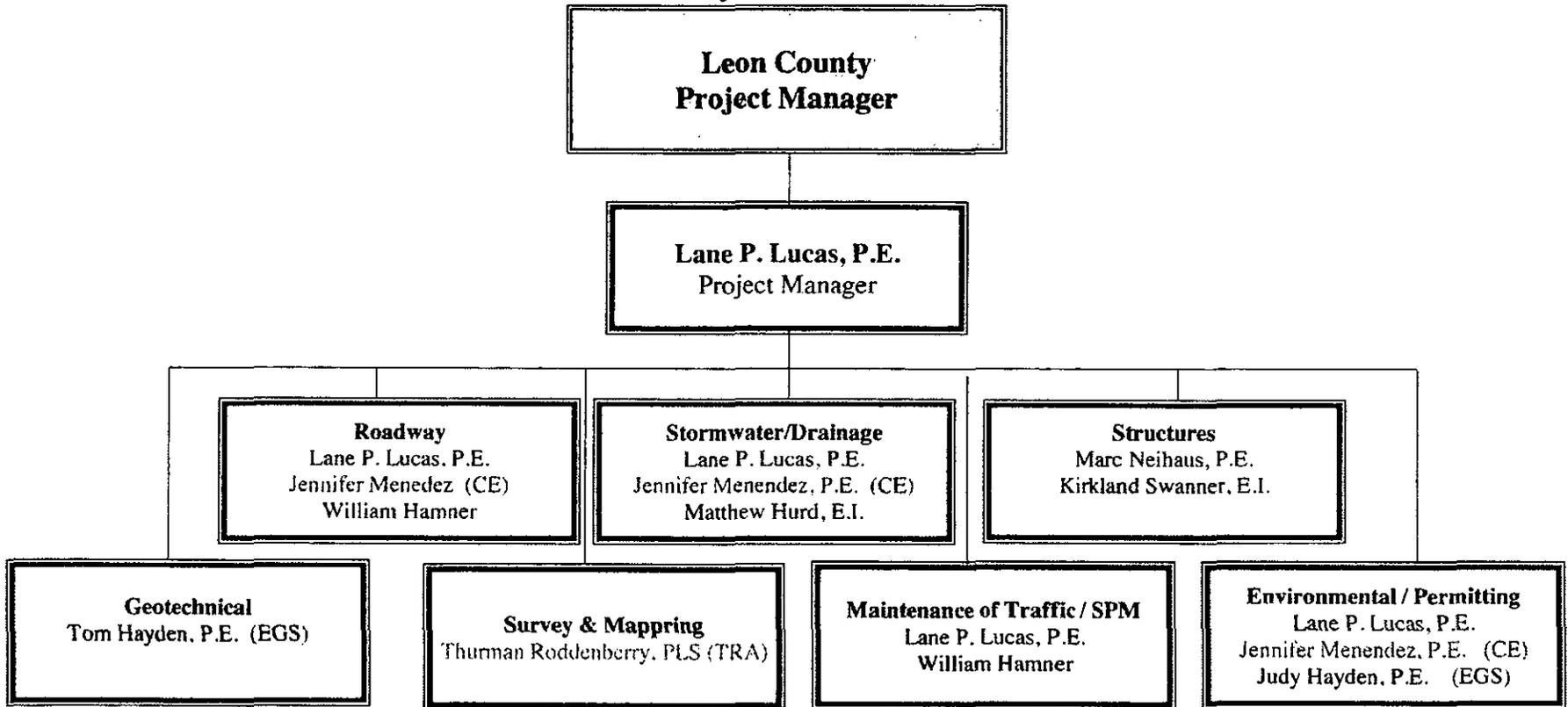
For roadway and stormwater task orders, Lane will be supported by the Eutaw staff, including Marc Neihaus, P.E., Matt Hurd, E.I., Kirk Swanner, E.I., William Hamner, Ruby McDuffie and Sandy McCart. Lane and Marc have collaborated on numerous roadway improvement projects in their careers, with Lane taking the lead on roadway and stormwater issues and Marc providing any associated structural design components.

In addition to the in-house staff, Eutaw Utilities has teamed with other consulting firms that are familiar with the requirements and expectations of Leon County. Catalyst Engineering's Jennifer Menendez will support the team on roadway and stormwater design projects, if additional capacity is needed for large or multiple contract assignments. Environmental and Geotechnical Specialists, Inc. will provide geotechnical exploration and analysis, as well as environmental and permitting support. Our team will rely on the experience of Thurman Roddenberry and his staff for topographic surveying and mapping elements of the contract assignments.

In combination, our team is comprised of experienced, knowledgeable and dedicated professionals that are ready, willing and able to serve Leon County on this contract. A staff organizational chart is included.



**Leon County
Civil Engineering Consulting Services
Roadway and Stormwater**



Eutaw Utilities Thurman Roddenberry & Associates

ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS CATALYST ENGINEERING****

** M/DBE Certified Firm



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PEL#005633

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Cell: 850-509-4134
Fax: 888-878-2939
Email: lpl1029@comcast.net

Education:

Bachelor of Civil Engineering; Georgia
Institute of Technology

Professional Certifications:

Florida P.E. #53936
Georgia P.E. #034246

Lane P. Lucas, PE;

President

Experience

Mr. Lucas has 16 years of experience in the design and management of public and private infrastructure improvement projects, with an emphasis on roadway and stormwater projects. His experience has been gained through numerous projects for the Florida Department of Transportation, numerous local governments and private development clients. Mr. Lucas takes a hands-on approach to his projects, being involved in the design elements while also taking responsibility for the overall management and success of the projects.

City of Live Oak Miscellaneous Stormwater Improvement Projects City of Live Oak, Florida

Mr. Lucas serves as Project Manager and Lead Drainage Engineer in the implementation of various stormwater/drainage improvement projects in the City of Live Oak. Live Oak is plagued with topography and geologic

conditions that lead to many areas of very poor drainage. Mr. Lucas has led the effort on seven (7) drainage improvement projects, consisting of retrofitting developed areas of the City to provide drainage relief in poorly draining, closed basins. Mr. Lucas has served the City as project manager, designer, permitter, and coordinator between the City and regulatory agencies, including the Florida Department of Transportation and the Suwannee River Water Management District. Under Lane's direction, the City has been able to resolve several of their worst drainage problems and are currently working to resolve additional issues within the City.

City of Webster Miscellaneous Stormwater improvement Projects City of Webster, Florida

Mr. Lucas serves as Project Manager and Lead Drainage Engineer in the design of stormwater improvement projects in the City of Webster. The City developed as stormwater master plan, in conjunction with the Southwest Florida Water Management District. Mr. Lucas currently serves the City in implementing the recommendations of the master plan to retrofit areas of the City suffering from inadequate drainage infrastructure. In addition to providing engineering services, Mr. Lucas has been instrumental in attempting to find and procure funding for the implementation of these projects.

State Road 79 Multi-Laning from US 98 to Environmental Road

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as Lead Drainage Engineer for three (3) adjacent roadway improvement projects for the FDOT in Bay County, Florida. These projects included the widening of an existing two-lane highway to a divided four-lane highway. Mr. Lucas was responsible for all hydrologic and hydraulic designs on the projects, including Design High Water Reports, Pond Siting Reports, Drainage and Stormwater Reports, and Bridge Hydraulic Reports. On one segment, Mr. Lucas was instrumental in the design of linear detention facilities which resulted in significant savings in right-of-way acquisition costs. On another segment, Mr. Lucas provided the Bridge Hydraulic evaluations for three bridge culverts and one bridge over riverine systems. In total, these projects included the construction of over twenty stormwater management facilities, including linear systems, dry retention, and wet retention facilities, meeting FDOT and FDEP requirements.

US 98 / Thomas Drive

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as the Lead Drainage Engineer on this three-level, urban interchange design project. Mr. Lucas was responsible for planning, designing, and permitting the drainage system to capture, convey, treat and dispose of stormwater runoff from the project area. During construction of the project, Mr. Lucas worked with the construction personnel to address design and construction issues on the project.



East Park Avenue Roadway Improvement Project**City of Tallahassee • Tallahassee, Florida**

Mr. Lucas served as lead drainage design engineer of this two mile urban reconstruction project, converting an existing two-lane roadway to a four-lane divided roadway. The project included extensive drainage improvements to address roadway overtopping and flooding along the roadway corridor at two major floodways crossing the corridor. Mr. Lucas performed the hydrologic and hydraulic design to address these existing drainage problems in the corridor. In addition, Mr. Lucas provided the design of the storm sewer collection system and the stormwater management facilities on this project.

Centerville-A Conservation Community**Leon County, Florida**

Mr. Lucas served as lead drainage design engineer for this 1,000 acre conservation subdivision in the Bradfordville Study Area of Leon County. Mr. Lucas provided stormwater master planning, hydrologic and hydraulic design of the stormwater infrastructure, permitting, and services during construction for the development. Due to the stringent nature of the environmental regulations in the project area, the final design consisted of over twenty stormwater management facilities. Through the detailed design of the project and coordination with both Leon County Growth and Environmental Management and Florida Department of Transportation, the stormwater permitting for the project was completed in an expedited time frame.

SAFE Roadway Improvement Program – Miscellaneous Projects**Leon County • Leon County, Florida**

Mr. Lucas served as lead drainage design engineer for numerous roadway paving projects under Leon County's SAFE (Stabilization and Asphalt For Everyone), including Old Magnolia Road, Cypress Landing Road, Nabb Road. Mr. Lucas was responsible for drainage and stormwater design, and environmental permitting.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PE 005655

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Cell: 850-509-6032
Fax: 888-878-2939
Email: marcneihaus@comcast.net

Education:

B.S. Civil Engineering; Rose Hulman
Institute of Technology
B.S. English Composition Indiana State
University
American Council of Engineering
Companies (ACEC), Senior Executive
Institute
Graduate level Hydraulic Analysis;
Purdue University
Graduate level Structural Design:
Florida State University

Professional Certifications:

Professional Engineer: Indiana, Florida
and Tennessee
Licensed Pilot
Former Intelligence Officer with top
secret clearance, O-3, Lieutenant U.S.
Naval Reserve

Marc E. Neihaus, PE;

Vice-President

Well-credentialed Professional Engineer with more than twenty years experience as a successful entrepreneur and senior corporate executive leading management of a broad variety of major engineering projects in the public, commercial, and municipal sectors. Proactive. Results driven. Strong administrative proficiencies ensure effective project execution throughout the entire life cycle.

Expansive portfolio of expertise includes waste water treatment, water utility systems, urban roadways and bridges, structural design, and commercial and residential construction. Demonstrates boundless motivation, exceptional initiative, and far-reaching capacity for taking charge of multiple, concurrent work loads with a keen focus on producing superior results in line with business objectives, budgets, and timelines. Extensive qualifications in the following competencies:

- Engineering Management
- Regulatory Compliance
- Startup Operations & Turnarounds
- Procurement & Sourcing
- Financial Planning & Cost Management
- Environmental Assessment
- Project Management & Implementation
- Contract Negotiations & Closing

Eutaw Utilities, Inc, Tallahassee, FL

2003-Present

Provides engineering consulting services primarily for the funding, design, and construction of water management and waste water treatment facilities.
VICE-PRESIDENT / CO-FOUNDER

Created and leads a 5 employee consulting engineering company with the unique business model of identifying and securing funding for clients' projects, and concurrently designing and administering all construction.

- Developed business to >\$1.3M in revenue in only 4 years.
- Secured and administered > \$25M in grant funds for clients.
- Orchestrated > \$4M in direct legislative appropriations to help fund many of our major projects.
- Provided construction services and administration for > \$40M in water utility construction projects since 2007.
- Served as Engineer of Record (EOR) for two 1.5 MGD waste water treatment plants (WWTP).
- Oversaw the construction administration for three WWTPs valued at > \$24M.
- Designed and managed the construction administration for 23 miles of waste water collection lines, 25 lift stations and 20 miles of force mains.
- Spearheaded the design of > 15 miles of potable water mains, and the design/build of public potable well fields, multiple water management/conveyance systems, holding ponds (lined and unlined), spillways, and other hydraulic structures.

Baskerville-Donovan, Inc, Tallahassee, FL

1995-2003

Engineering consulting firm supporting the design and construction of major water utility and roadway projects

VICE PRESIDENT, REGIONAL OFFICE MANAGER (2000-2003)

PROJECT MANAGER (1996-2000)

DESIGN ENGINEER (1995-1996)

Provided extensive roadway and structural design services as well as comprehensive staff oversight for all projects. Spearheaded the complete turnaround of company's underperforming projects to ensure client satisfaction and retention. Voluntarily assumed management of a major failing project and brought it to completion, avoiding a potentially litigious situation.



- Served as Engineer of Record for > \$21M adjoining urban road projects through downtown Tallahassee.
- Lead structural designer for a 1200-foot pre-stressed concrete Pensacola fishing pier utilizing a unique break away deck system as well as unconventional pile geometry.
- Successfully completed numerous storm water modeling studies and designs in conjunction with municipal and private infrastructure development.
- Served as Lead Geometric Roadway Design Engineer for multiple County projects and Lead Structural Design Engineer for a two span replacement bridge near Miami.
- Assigned as Lead Design Engineer and Engineer of Record for two, three span replacement bridges on State Road 79, Bay County Florida.
- Designed an at-grade bridge spanning a three hundred foot weir urban wetland, connected to a flume system and a buried conveyance system. All were structurally integrated and supported through an extensive pile foundation.

Indiana Department of Transportation, Terre Haute, IN

1993-1995

PROJECT ENGINEER

One of two construction managers for a \$7.7M project to rebuild two bridges and reconstruct 8 miles of 4-lane highway. Provided comprehensive design of new and reconstruction projects for state, interstate highways, and interchanges.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PEL#005655

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: loadmaster31@yahoo.com

Education:

Bachelor of Civil Engineering; Florida State University
Bachelor of Arts - History; Virginia Commonwealth University
Advanced Engineering Drafting Diploma; Maryland Drafting Institute

William D. Hamner

Design Engineer

Experience

Mr. Hamner has 12 years of experience as both an Engineer and a Civil Engineering Technician and has been with Eutaw Utilities since 2005. Since coming to Eutaw Utilities, he has been extensively involved in both the design and production of public infrastructure improvement projects around the State of Florida. His primary responsibilities include Design, Plans Production and Review, writing and obtaining permits from various local and state organizations, Project Management, and providing Engineering Services During Construction (SDC). He is recognized by his peers and the FSU staff as one of the most knowledgeable operators of AutoCAD & Autodesk Land Development Desktop.

Some of the projects Mr. Hamner is currently working on include: Providing Engineering SDC on a \$20 Million Waste Water Treatment Plant (WWTP) Upgrade for the City of Alachua; Design and Engineering SDC for a \$10 Million Upgrade to an existing WWTP in Wakulla County, FL. In addition, Mr. Hamner designed a Gravity Sewer System and Forcemain for the City of Webster, FL; has worked on Stormwater Design and Analysis for the City of Live Oak; Provided Engineering

SDC for an \$12 Million Waste Water Treatment Plant in the City of Live Oak, FL; Design Engineer for the Wakulla County Force Main down Lower Bridge Road and participation on the design of the Gravity Sewer lines within Wakulla Gardens. Mr. Hamner was the Site Design Engineer for the City of St. Marks park restoration projects and Columbia County's Wastewater Treatment Plant and Water Well Site. Mr. Hamner was also responsible for the Drinking Water Service System design for Columbia County.

Roadway/Transportation

Mr. Hamner's Roadway/Transportation experience has been gained through numerous projects for the City of Tallahassee and Leon County. These projects included designing new roads and the widening/ realignment of existing roads in both urban and rural environments. Mr. Hamner was extensively involved in all aspects of the design process and plans production for these projects. His responsibilities included, plans production, horizontal and vertical profile design, underground utility placement, signing and pavement marking, and signalization. In addition, Mr. Hamner has been responsible for the roadway design and infrastructure of many neighborhoods in and around the City of Tallahassee.

Stormwater Analysis/Design

Mr. Hamner has worked on the design of numerous stormwater retention ponds and stormwater conveyance systems. These projects include designing ponds for various neighborhoods, apartment complexes, and commercial projects of various sizes. In addition, he has worked on the analysis and upgrades to existing stormwater conveyance systems for both the City of Tallahassee and the City of Live Oak.

Sanitary Sewer Design

Mr. Hamner has an extensive amount of experience designing both Gravity Sanitary Sewer and Forcemain systems. He was responsible for the design and plans production for 6.5 linear miles of gravity Sanitary Sewer throughout the City of Webster, FL. In addition, he designed 12.4 miles of Reuse Water Forcemain along US HWY 90 for the City of Live Oak to connect to a new Florida Department of Corrections Facility in Suwannee County, FL. In Wakulla County, FL, He is responsible for the design of 13.5 miles of Sanitary Sewer Forcemain, and an additional 6.2 miles of Reuse Water Forcemain. Along with being the design engineer on these projects, Mr. Hamner served as the on-site project manager for several of them.

Waste Water Treatment Plant

Mr. Hamner has been extensively involved in the both the design, project management, and providing Engineering SDC of the upgrades to the City of Live Oak WWTP, the City of Alachua WWTP, and the Wakulla County WWTP at Otter Creek. In addition, He was one of the lead designers on a WWTP in Columbia County.

Drinking Water Well Field and Service Main

Mr. Hamner designed a Drinking Water Well Field Site in Columbia County, FL and provided Engineering SDC during its construction.



Eutaw Utilities, Inc.

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Georgia Registration: FE 005633

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: matthurd5@yahoo.com

Education:

Bachelor of Civil Engineering; Florida
State University

Matthew W. Hurd, EI;

Staff Engineer

Mr. Hurd joined the Eutaw team in 2007. Mr. Hurd provides engineering GIS and CAD support for the design process. His most recent projects include:

- Design of approximately 75,000 LF of sanitary force main line and 3 pumping stations in Wakulla County
 - Design and construction supervision of 30,000 LF of reclaimed water line in Wakulla County
 - Design of 77,000 LF of gravity sewer lines and 12 pumping stations for Wakulla County
-
- Design of 23,500 LF of potable water lines for the city of Ellisville
 - Stormwater analysis for the City of Live Oak
 - Water line design in Suwannee City consisting of 65,000 LF of distribution lines with laterals, fire hydrants and appropriate inter-connects for 850 service connections
 - Lift station redesign and improvements for the St. Marks FEMA Disaster Grant project.



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Georgia Registration: PE 005633

415 St. Francis St; Unit 114
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Office: 850-383-0400
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Email: kswanner8@yahoo.com

Education:

Master of Science in Construction Management; Florida State University and FAMU-FSU College of Engineering
B.S. Civil Engineering; Florida State University

Honors and Activities:

Florida State University Dean's List
The National Dean's List
Three year member of the Florida State University Marching Chiefs

Kirkland F. Swanner, EI;

Staff Engineer

Kirk Swanner joined the Eutaw team in 2007. Mr. Swanner provides engineering GIS and CAD support for the design process, oversees project schedules, ensures project budgets and schedules stay on task, and construction administration services. Some of his more recent projects with the Eutaw Team include:

City of St. Marks Wakulla River Canoe Launch \$60.000

Performed as Design Engineer and Construction Administration for a canoe launch and elevated walkway on the Wakulla River in the City of Saint Marks. Design work included structural analysis, construct ability and site layout of the Canoe Launch. Construction Administration services included site inspections, budget and scheduling monitoring.

City of St. Marks Wakulla Waterline \$260.000

Performed as Design Engineer to improve the existing water distribution system by installing new water mains and replacing other water mains.

City of Live Oak Pond Liner \$900.000

Responsible for the design of the improvements to an existing retention pond. Design services included Geotechnical design of an earthen berm as well as structural design of a reinforced concrete structure.

Columbia County Waterline \$290.000

Responsible for the design of 1.3 miles of water distribution water mains.



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415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Cell: 850-566-5528
Email: jewelvision@hotmail.com

Education:

Bachelor of Science - Architecture;
Florida A&M University
Associate of Arts - Business Adminis-
tration; Florida A&M University

Ruby D. McDuffie

Engineering Contracts Administrator

Ms. McDuffie has over 17 years of strategic design and problem solving experience. Her experience working with local, state, and federal governmental agencies has given her a broad understanding of program planning. Working with clients, Ms. McDuffie has been involved in solution engineering consultation and programming, analysis, schematic design, component systems coordination, research, design development, "shovel-ready" project documents, specifications, materials research, document checking and coordination, office implementations, site implementations, project and office management, database design and implementation, and cost research and analysis. Her educational background and work experience enables her to communicate between clients and engineers at various depths of understanding.

With Eutaw Utilities, Ms. McDuffie serves as a construction administrator, grant administrator, and client consultant. She is able to work with clients from project conception to completion and help them find funding sources and track those funds according to the requirements of the funding agencies. She has experience maintaining "audit-ready" files and record keeping Davis-Bacon documents, which include project site Labor Standards Interviews and ARRA Job Reports. She has experience preparing disbursement requests and documentation for funding source agreements.

She is able to patiently explain difficult concepts to municipal and private sector officials to allay concerns and to facilitate agreements. Ms. McDuffie has worked with clients throughout the state of Florida, Alabama, Washington, D.C. and South Carolina on various community revitalization and improvement projects and has received award recognition for her unique project contributions.



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Georgia Registration: FE005653

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Tallahassee, FL 32301
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Fax: 888-878-2939
Cell: 850-320-5535
Email: sandymccart@yahoo.com

Education:

AA Science and Technology; Purdue University

Sandy L. McCart

Administrative Manager

Eutaw Utilities, Inc was formed with the goal of bringing unique people and disciplines to produce the most cost effective and creative results for their clients. Ms. McCart has a wide variety of administration experience, working for both public and private sector entities. She offers over 18 years of experience in accounting, office management and human resources.

Ms McCart has been with Eutaw Utilities since 2007. She has proven her ability to provide a comprehensive approach, utilizing numerous funding programs to realize the total project potential. Her experience in administering programs for numerous national and international projects gives her the ability to work with active citizen groups and developing a plan to best suit their individual needs.

Working closely with Eutaw Staff, Ms. McCart has assisted in the development of several facility plans including wastewater treatment plants, potable water facilities, and stormwater design projects.

Ms. McCart's planning experience has given her the ability to provide flexibility to local governments working within the boundaries of promulgated rules and requirements. Her attention to detail ensures project compliance in preparing grant applications and documentation for individual projects. She serves GAC's clients as an administrative manager of program compliance in preparing loan and grant applications, research of funding opportunities and documentation of individual projects.

Her ability to quickly obtain a working knowledge of the application procedures for a number of funding agencies including CDBG, DSCG, FRDAP, Legislative Appropriations, SRF, and others, has made her an invaluable asset to the team.

Software Experience:

Microsoft Word, Excel, Powerpoint, Pagemaker 6.5, Quark Xpress, Adobe Photoshop; InDesign; Illustrator, Acrobat, ArcGIS 9.0



OUTSIDE CONSULTANTS

Environmental and Geotechnical Specialists, Inc.

Tom Hayden, P.E.

Judy Hayden, P.E.

*Environmental Assessments and Permitting
Geotechnical Exploration, Analysis and Design
Tallahassee, Florida*

Catalyst Engineering, LLC.

Jennifer Menendez, P.E.

*Roadway Design Support
Drainage / Stormwater Design Support
Tallahassee, Florida*

Thurman Roddenberry and Associates, Inc.

Thurman Roddenberry, PLS

*Topographic Survey and Mapping Services
Sopchoppy, Florida*



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E. Environmental Engineering

Professional Credentials

Bachelor of Science, Education, University of Dayton, 1971
Bachelor of Science, Civil Engineering, Oklahoma State University, 1977
Master of Science, Civil Engineering, Kansas State University, 1979
Professional Engineer in Florida

Professional Organizations

American Society of Civil Engineers, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter
Florida Engineering Society, Past President of Big Bend Chapter, 2007 Engineer of the Year of Big Bend Chapter, Elected Fellow
American Public Works Association
National Society of Professional Engineers
Florida A&M University / Florida State University, Civil Engineering Advisory Committee

Special Qualifications

- Over 25 years of environmental design and permitting experience, including natural features, wetland delineation, environmental impact, and environmental management
- Highly-skilled at regulatory agency coordination
- Familiarity of Leon County, City of Tallahassee, and Florida Department of Environmental Regulation Permitting Requirements

Years Experience with EGS: 16

Years Experience with Other Firms: 12

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3 , Chipley, FL – Serves as project manager to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the environmental permitting for transportation projects, park and recreational facilities, and other public works projects. In addition, the services have included numerous Phase I Environmental Site Assessments for land acquisition.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E.

Relevant Experience, cont.

Leon County, Department of Public Works, General Service Contract, Leon County, FL - Served as project manager for the environmental permitting for the construction of roadways, parks and utility easements. In addition, Phase I Environmental Site Assessments investigating the potential of contamination have been conducted for the Department prior to land acquisition.

Blair Stone Parkway Corridor Study and Design, City of Tallahassee, Department of Public Works – Project manager for the environmental investigation for the corridor study and the design of Blair Stone Parkway from Park Avenue to Capital Circle NE. The project included the Cultural Resource Analysis for significant archeological and historical sites within the proposed roadway extension in accordance with the National Historic Preservation Act. The services also included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the City of Tallahassee, Department of Growth Management, Environmental Division.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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 prepare the Natural Features Inventory Permit and participated in numerous public workshops.

McKeithen Road, City of Tallahassee – Conducted the environmental investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included preparation of the Natural Features Inventory and the Environmental Impact Analysis Report and Maps.

Eastern Transmission Line, City of Tallahassee – Conducted the environmental investigation for the installation of a new electric utility which will include both above ground and under ground installation. The services included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, the City of Tallahassee Growth Management Department and the Leon County Growth Management Department. In addition, the services included a review and approval from the Canopy Road Advisory Committee.

SR 261 (Capital Circle SE), Leon County, Blueprint 2000 & Beyond – Completed the environmental permitting for the widening of Capital Circle from two lanes to 4 lanes from Tram Road to Woodville Highway. The widening design included recommendations for lane additions and stormwater treatment facilities to minimize impact to the natural features within the area. It also included the permitting and relocation of the endangered gopher tortoise species.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Thomas H. Hayden, P.E.
Geotechnical Engineering

Professional Credentials:

Bachelor of Science, Civil Engineering, University of South Florida, 2003
Professional Engineer in Florida

Professional Organizations:

American Society of Civil Engineers – 2008 President Tallahassee Chapter – 2008-2010 FAMU/FSU College of Engineering Student Chapter Liaison – 2009 Young Engineer of the Year
Florida Engineering Society – 2008-2009 K-12 Education Committee - 2006-2008 Math Counts Committee – 2009 Florida Engineering Leadership Institute Graduate
Geotechnical Materials Engineers Council

Special Qualifications:

- Over 10 years of Geotechnical design and investigation experience, including roadway studies, stormwater design, pavement design, and materials engineering
- Familiarity of FDOT Geotechnical Standards
- CTQP/ACI Certifications: Aggregate Field and Laboratory Testing Technician, Asphalt Plant Technician – Levels I and II, Field Sampler Technician, LBR Technician, Concrete Field Technician – Levels I and II, Concrete Laboratory Technician – Level 1, Quality Control Manager, Concrete Transportation Construction Inspection, Advanced Maintenance of Traffic Inspector and FDEP Erosion Control Inspector

Years Experience with EGS: 7; Years experience with other firms: 3

Relevant Experience:

GPI Southeast, Inc., Proposed Longleaf Development, Stormwater Treatment Facilities, Wakulla County, FL – Performed subsurface investigation of the proposed Longleaf Development. Provided client with subsurface conditions, encountered groundwater and estimated “normal” seasonal high groundwater, design infiltration rates, and anticipated construction considerations.

Carollo Engineers, Lake Bradford Road Wastewater Treatment Facility, Tallahassee, FL – Performed subsurface investigation of the proposed roadway and parking improvements at the Lake Bradford Wastewater Treatment Facility. Provided the client with design and reuse recommendations for each material STRATA encountered throughout project.

Florida Department of Transportation, District 3, SR 97 Pavement Core and Condition Survey, Escambia County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 97 in Escambia County, Florida. Provided the District with the types of pavement failure encountered, anticipated construction considerations, and design recommendations.

Florida Department of Transportation District 3, SR 61 Pavement Condition Survey and Design, Leon County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 61 (North Monroe Street) at the proposed Lake Jackson Eco-Passage. Provided the client with compaction characteristics of the existing embankment material as well as design recommendations for the proposed pavement.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E. Geotechnical Engineering

Professional Credentials

Bachelor of Science, Civil Engineering, Tri-State University, 1974
Master of Science, Civil Engineering, Oklahoma State University, 1975
Doctor of Philosophy, Civil Engineering, Oklahoma State University, 1978
Professional Engineer in Florida
General Contractor in Florida

Professional Organizations

American Society of Civil Engineers, Past Vice-President of North Florida Section, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter
Florida Engineering Society, Past Vice-President of North Florida Region, Past President of Big Bend Chapter, Elected Fellow, Past Engineer of the Year of Big Bend Chapter
American Society of Transportation Engineers
American Public Works Association
National Society of Professional Engineers
Transportation Research Board (National Academy of Sciences), Past National Committee Chairman
Florida A&M University / Florida State University, Chairman of Civil Engineering Advisory Committee
Leon County Board of County Commissioners, Serves on Science Advisory Committee

Special Qualifications

- Over 30 years of Geotechnical design and investigation experience, including roadway studies, bridge designs and groundwater control
- Highly-skilled consensus builder on controversial projects
- Familiarity of FDOT Geotechnical Standards
- Familiarity of Construction Requirements and Techniques

Years Experience with EGS: 16

Years Experience with Other Firms: 16

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3, Chipley, FL – Provides miscellaneous services to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E.

Relevant Experience, cont.

have included the Geotechnical analysis for the design life of existing culverts, culvert extensions, mast arm installation, slope evaluations, base failures, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.

Leon County, Department of Public Works, General Service Contract, Leon County, FL – Provides miscellaneous services to Leon County under a General Service Contract. The tasks have included the Geotechnical analysis for stormwater management facilities, karst impacts, slope stability, lane additions, base failures and retaining wall design.

Blair Stone Boulevard Extension North, City of Tallahassee Public Works Department, Tallahassee, FL – Project manager for the Geotechnical investigation for the roadway extension of Blair Stone Road from Park Avenue to Capital Circle North East. The investigation included the analysis of subsoils for lane additions, culvert installations, storm sewer installation, and retaining wall installation. Also included was the Geotechnical investigation for the construction of a bridged section over a wetland area, the slope stability analysis of an embankment area, and a limited contamination assessment within the limits of the project. The project included participation with a Citizens Advisory Team during the initial corridor study for this project.

Capital Circle Widening Project, City of Tallahassee, Leon County, Blueprint 2000 and Beyond – Conducted the geotechnical investigation for the widening of 5 segments of Capital Circle. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, and stormwater treatment facilities.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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.

Orange Avenue Widening, Leon County Public Works Department, Leon County, FL - Served as project manager for the Geotechnical investigation for the widening of Orange Avenue from South Monroe Street to Blair Stone Road. The widening project included the addition of two additional lanes with a center grassed median. The existing adjacent stream has been designed to be rerouted through over 2,000 feet of box culverts placed under the roadway. The Geotechnical investigation also included a noise barrier wall design, mast arm installation and groundwater analysis for stormwater treatment and attenuation.

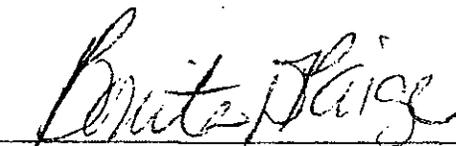


This certifies that
**ENVIRONMENTAL AND GEOTECHNICAL
SPECIALTIES, INCORPORATED**
is recognized as a
Minority/Women-Owned Business Enterprise
under the
**City of Tallahassee and Leon County
Consortium Interlocal Agreement**

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



MBE Administrator



Certification Specialist

Jennifer L. Menendez, P.E.

Education: Bachelor of Science in Civil Engineering, University of Florida
Registration: Professional Engineer, Florida. Registration No.: 68431
Years of Experience: 7

Mrs. Menendez has gained a wide range of project experience in both the public and private sectors. In the area of private land development, she has designed and permitted commercial site plans and residential subdivisions in Leon County, Franklin County, Tallahassee and many surrounding municipalities. For the Florida Department of Transportation, she has had the opportunity to work on rural and urban multi-laning projects, a new alignment project, and a resurfacing project. Other public sector experience includes providing utility design, bid administration and project reviews for the City of Carrabelle, a research project pertaining to model selection methods for bridge hydraulics, and a portion of an extended PD&E Study on Capital Circle for Blueprint 2000.

**Safe and Sound Bridge Improvement Project for Missouri Highways and Transportation Commission
Missouri Department of Transportation**

Engineer responsible for hydraulically modeling four bridges and recommending design conditions. Also responsible for quality control of many of the other bridges.

Providence Neighborhood Improvements**City of Tallahassee - Leon County**

Drainage Engineer for sidewalk addition and conversion to curb and gutter. Responsibilities included drainage design and permitting.

George L. Sands Memorial Park Stormwater Management Facility**City of Carrabelle - Carrabelle, Florida**

Engineer for a wet detention facility retrofit project to add treatment and attenuation in the City of Carrabelle. Responsibilities included site planning coordination with the City, permitting, wet detention facility design, landscaping, basin modeling and bid administration

State Road 83 from South of I-10 to South of US 90 (RRR)**FDOT District 3 - Walton County**

Engineer for Resurfacing, Restoration and Rehabilitation project. Responsibilities included pavement design, ADA compliance, maintenance of traffic, utility coordination, public involvement, plans production and electronic delivery.

State Road 83 from US 98 to the Choctawhatchee Bay Bridge**FDOT District 3 - Walton County**

Drainage Engineer for 4.7 mile urban multi-laning project. Responsibilities included drainage design, permitting, and community awareness.

State Road 83 from the Choctawhatchee Bay Bridge to South of State Road 20**FDOT District 3 - Walton County**

Drainage Engineer for 5.1 rural multi-laning project. Responsibilities included pond siting, bridge hydraulics, drainage design and community awareness.

NCHRP Research Project #24-24 - Criteria for Selection Hydraulic Models**Transportation Research Board**

Research team compared 1D and 2D bridge models for varying channel and bridge geometries, then recommended criteria for whether to use a 1D or a 2D model. Responsibilities included creating the 1D models.

Bridge Hydraulics Class**FDOT/FICE**

Taught the HEC-RAS based bridge modeling class with Shawn McLemore for 2005-2006.



Certifies that

Catalyst Engineering, 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

December 9, 2010 to December 8, 2012

Iranetta J. Dennis, Leon County MWSBE Director

Thurman Roddenberry and Associates, Inc. 850-962-2538

125 Sheldon Street

Thurman_TRA@Earthlink.net

P.O. Box 100

Sopchoppy, Florida 32358-0100

850-962-2538 Fax: 962-1103

FIRM PROFILE

Professional Leadership Team:

JAMES THURMAN RODDENBERRY

(Mobile: 850-251-7588)

- Established company in 1990 with 15 years prior surveying experience
- Registered Surveyor and Mapper since 1986
- Developed business from a 2 man operation to 23 employees at its peak.
- President of Corporation and overseer of entire operation

ROBERT BOEN STRICKLAND

- Graduated Faulkner College in 1992
- Registered Surveyor and Mapper 2001
- Supervises Field Operations

ROBERT DUANE RODDENBERRY

- Graduated Florida State University 1992
- Registered Surveyor and Mapper 2001
- Supervises CAD operations

CHARLES REVELL

- Registered Surveyor and Mapper 2003
- Assistant Field Supervisor

SUPPORT TEAM:

- 2 full time Auto Cadd Operators
- 1 Secretary
- Global Positioning Systems (GPS) capabilities.
3 available Field Crews with personnel and equipment capable of
Expanding to 4 crews (if necessary)



SAMPLE WORK HISTORY:

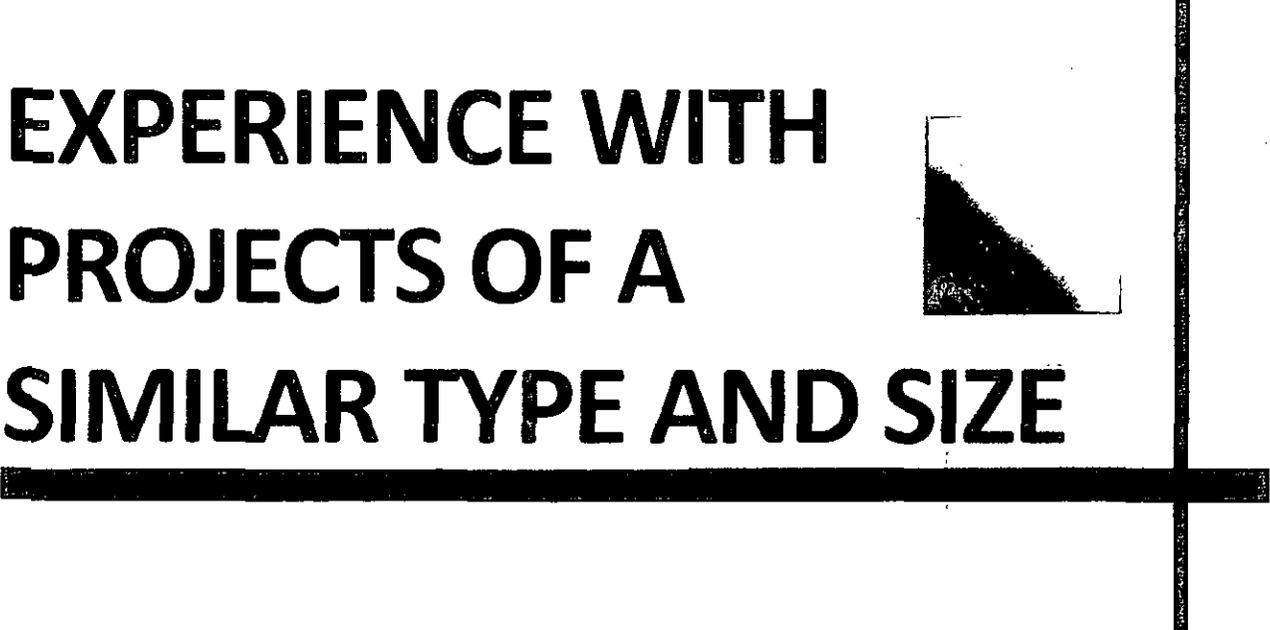
- **"M" Inc. of Tallahassee** / Construction layout work on major infrastructure projects including as-built surveys of several schools in Leon County / worked from 1990 up to present.
- **Cliff Lamb and Associates, Inc.** / Large subdivision projects, including: Boundary surveys, topographical surveys, design and monumentation, construction layout / worked since 1995 up to present.
- **Premier Construction and Design and Sandco** / Large subdivision projects including: Topographical surveys, design and monumentation, and construction layout and as-built surveys including several schools in Leon County, FL.
- **Inovia** / Large subdivision projects including: topographical surveys, Design and monumentation, and construction layout / since 2000 to present.
- **Pine Coast Realty** / 15,000 acres in Franklin County & Liberty County / Surveyed and divided into 40 acre or larger tracts (Old Alberta Crate land)
- **Piney 'Z'** / 800 acre subdivision in Leon County / developed into approximately 800 lots
- **Banks, Realtors and Individual Clients** / Mortgage surveys, topographical Surveys, flood elevation certifications, land division surveys etc.

SCOPE OF WORK:

- Full service surveying and mapping company specializing in boundary surveys Topographical surveys, subdivision design and layout, construction layout and Survey related work to aid engineering projects.

**Specific Proposal Information
Stormwater Engineering
Section B**

**EXPERIENCE WITH
PROJECTS OF A
SIMILAR TYPE AND SIZE**



Completed Projects

Live Oak Stormwater Master Plan

City of Live Oak, Florida
386-362-2276

Reference: Robert Farley, City Administrator

The City of Live Oak is plagued with drainage issues due to low lying terrain, coupled with less than desirable soil conditions. Eutaw Utilities worked with the City of Live Oak and the Suwannee River Water Management District to evaluate and prioritize the stormwater and drainage problems within the City. This study identified and developed conceptual design modifications, with cost estimates, for 28 problematic areas. Based upon the analysis, design and estimates for the projects, Eutaw worked closely with the City and SRWMD to prioritize the projects for implementation.

To assist in the funding of these projects, Eutaw Utilities providing administrative and policy guidance to help the City of Live Oak develop a Stormwater Utility. Through the creation of the Stormwater Utility, the City of Live Oak was eligible to receive matching funds from the Suwannee River Water Management District to offset the cost of the improvements.

Project Manager - Marc Neihaus, P.E.

Completion Date - October 2006

Project Cost - N/A

Conner Street Drainage Improvement Project

City of Live Oak, Florida
386-362-2276

Reference: Robert Farley, City Administrator

The Conner Street Drainage Improvement Project included the installation of a 42" storm sewer system to drain a closed basin portion of the City. The project included the construction of a 5 acre stormwater management facility to provide compensatory storage for the runoff from the interbasin transfer. The project required coordination with FDOT for a crossing of US 90 and with CSX Railroad for the placement of a portion of the system parallel to the CSX right-of-way. Eutaw Utilities provided conceptual and final design, permitting, utility coordination and technical services during construction.

Project Manger - Marc Neihaus

Completion Date - August, 2007

Construction Cost - \$600,000

Walker Avenue at Silas Drive Drainage Improvement Project

City of Live Oak, Florida
386-362-2276

Reference: Robert Farley, City Administrator

The Walker Avenue at Silas Drive Drainage Improvement project was developed to address a long standing drainage and flooding problem on Walker Avenue. The low point in the roadway was routinely



flooded during heavy rainfall events. The roadway is the primary access route for three of Suwannee County Schools. To resolve the issue, Eutaw Utilities worked closely with the City of Live Oak, the Suwannee County School Board and Suwannee River Water Management District.

The final design provided for the enlargement of existing stormwater retention areas and a 'smart-box' design that provides relief from the depressional area during major rainfall events. Eutaw prepared conceptual and final designs of the project, permitting services, utility coordination, and construction administration services.

Project Manager - Lane Lucas

Design Engineers - Lane Lucas and Matt Hurd

Construction Administration - Lane Lucas and Kirk Swanner

Completion Date - May 2008

Construction Cost - \$260,000

Sherwood Forest Subdivision Drainage Improvement Project

City of Live Oak, Florida

386-362-2276

Reference: Robert Farley, City Administrator

The Sherwood Forest Subdivision project was a stormwater retrofit project within an older subdivision in the City of Live Oak. The subdivision was originally constructed with very minor and ineffective stormwater infrastructure. In addition, the subdivision experienced backwater flooding from the drainage system on an adjacent roadway with inadequate storm sewer capacity.

The final design of the project included the installation of a storm sewer conveyance system along the major roadways within the subdivision and a structure to capture backwater discharges from the adjacent roadway. The system was discharged to an existing treatment and retention facility, which was regraded and retrofitted to provide the required water quality treatment and additional storage for the redirected stormwater runoff.

Project Manager - Lane Lucas

Design Engineers - Lane Lucas and Matt Hurd

Construction Administration - Lane Lucas and William Hamner

Completion Date - July 2009

Construction Cost - \$255,000

Albritton - Houston Drainage Improvement Project

City of Live Oak, Florida

386-362-2276

Reference: Robert Farley, City Administrator

The Albritton-Houston Project was needed to address routine flooding of US 90 in downtown Live Oak, and was a collaborative project between the City of Live Oak, the Suwannee River Water Management District and the City of Live Oak. The problem on this project was the result of inadequate storage capacity in an existing FDOT stormwater management facility. Under long duration events, the



stormwater management facility would become overwhelmed and back up the storm sewer system causing extending overtopping of US 90.

To resolve the issue, Eutaw Utilities worked extensively with the FDOT, SRWMD and the City. Ultimately, the resolution was to redirect a portion of the runoff from US 90 to an offsite stormwater management facility, which was regraded to provide the required storage volumes. Eutaw Utilities provided conceptual and final design, permitting, coordination between the City, SRWMD, and FDOT, and construction administration.

Project Manager - Lane Lucas

Design Engineers - Lane Lucas and Matt Hurd

Construction Administration - Lane Lucas and Kirk Swanner

Completion Date - August 2010

Construction Cost - \$325,000

Centerville - A Conservation Community

Conservation Community Group, LLC

Leon County, Florida

References: Kent Deeb, Project Administrator, 850-567-8900

Tom Ballentine, Leon County GEM, 850-606-1300

This project was a 1,000 acre conservation subdivision within the Bradfordville Study Area. Lane Lucas, while with another consulting firm, was responsible for the planning, design, permitting and construction administration of the stormwater management system for this expansive subdivision in this highly regulated portion of Leon County. The stormwater management system consisted of over twenty stormwater management facilities designed to capture, treat and attenuate stormwater runoff from the development.

Project Manager - Lane Lucas

Drainage Design Engineer - Lane Lucas

Completion Date April 2006

Construction Cost - \$5,500,000

City of Webster Stormwater Improvements

City of Webster, Florida

352-793-2073

Reference: Stephen Croft, Mayor

The City of Webster has very little stormwater infrastructure to handle the rain events that occur in central Florida. The Southwest Florida Water Management District, its consultants, and Eutaw Utilities worked together to develop a stormwater master plan to identify and prioritize the stormwater needs of the City. Eutaw Utilities has been working with the City to address these issues. In addition to performing technical design, we work closely with the City to find potential funding opportunities to assist the community in implementing the stormwater projects.

Project Manager - Marc Neihaus

Design Engineer - Lane Lucas



Current Design Projects

Old Madison Highway Drainage Improvement

City of Live Oak, Florida

This project consists of the construction of a stormwater detention facility and emergency overflow system to convey excess stormwater runoff generated within the basin. Lane Lucas serves as project manager on this project, with Matt Hurd providing design and construction document preparation.

Project Manager – Lane Lucas

Design – Matt Hurd

Construction Document Preparation – Matt Hurd

Anticipated Completion Date – July 2011

Meadow at Myrtle Drainage Improvement Project

City of Live Oak, Florida

This project consists of the construction of storm sewer conveyances and the construction of a retention facility, prior to discharge to one of the City's drainage wells. Lane Lucas serves as project manager on this project, with Matt Hurd providing design and construction document preparation.

Project Manager – Lane Lucas

Design – Matt Hurd

Construction Document Preparation – Matt Hurd

Anticipated Completion Date – June 2011

Winderweedle Drainage Improvement Project

City of Live Oak, Florida

This project consists of the installation of a storm sewer system to provide additional conveyance capacity along Winderweedle Street in Live Oak, Florida. Design and permitting of the project is complete, but construction has not yet begun.

Anticipated Letting Date – July 2011

6th and Green Drainage Improvement Project

City of Live Oak, Florida

This project consists of the creation of a stormwater retention facility in an existing low lying area in the City of Live Oak. The intent of the project is to provide additional storage capacity to handle stormwater runoff from the basin.

Anticipated Completion Date – April 2011

Quality Control Processes

Eutaw believes that Quality Control is not a process that occurs immediately before submittal dates or project completions. At Eutaw, QC is an ongoing activity throughout the design process. We believe that a critical component of the Quality of a project is effective coordination and communication with regulatory agencies. As demonstrated in our projects identified above, we have extensive experience working on projects with significant involvement of other state or regional regulatory agencies. Whether the project is under the jurisdiction of FDOT, a Water Management District or local governmental agencies, we strive to work closely with the regulatory agencies to ensure an appropriate and permissible design is reached the first time.

Eutaw's formal QC process is similar to well-known and widely applied methods used by consultants and industry throughout the country. All studies, plans, specifications, reports, surveys, cost estimates, etc. are prepared and signed by the originator. A peer professional, who is not involved with the project, checks each product for accuracy and completeness. The deficiencies / errors which are found are then returned to the originator for correction. The originator verifies the comment and responds, either through correction or explanation of the situation. The peer professional then reviews the revisions / responses for concurrence. The Project Manager then reviews all checked documents for consistency with the project requirements and technical adequacy.

In addition to our internal Quality Control program, Eutaw will insure that each subconsultant on the team also has appropriate quality control processes in place, and that they are used actively throughout the project.

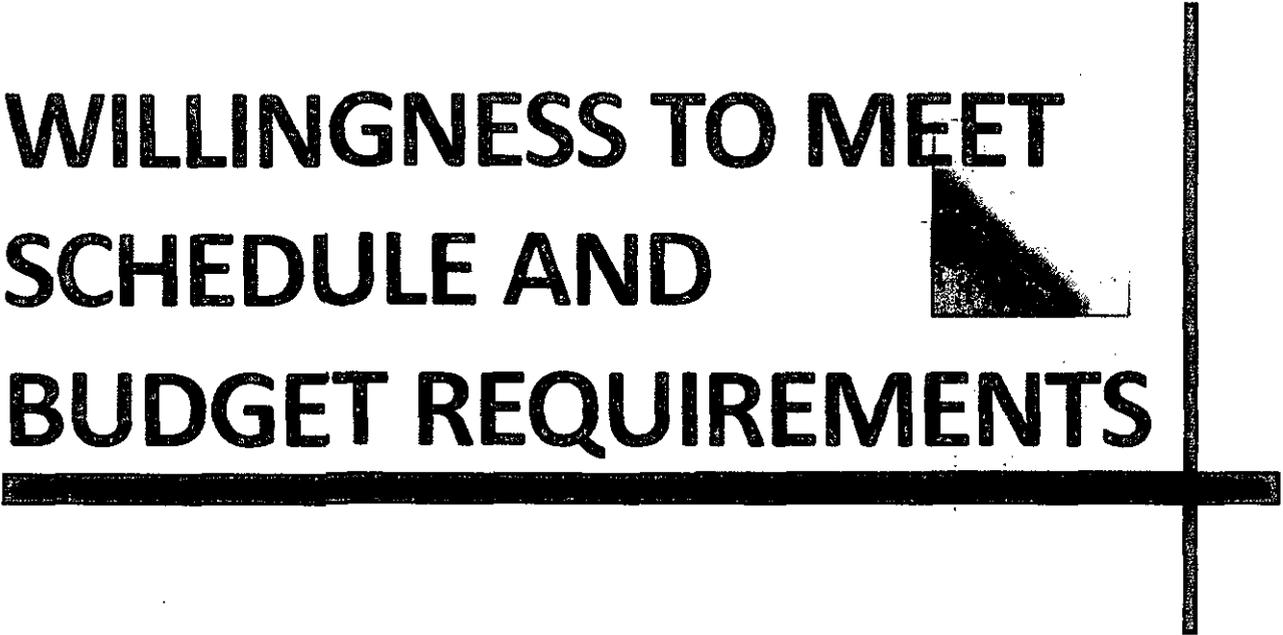
Available Resources

In the performance of these types of projects, we utilize industry standard software and hardware. The software that we utilize for most stormwater improvement projects include ICPR for stormwater modeling, Hydraflow for storm sewer design, PONDS for stormwater facility recovery, HY-8 for large culvert applications, HEC-RAS for riverine and bridge crossing modeling. Our staff has experience with a number of other programs such as SWMM, XP-SWMM, and ASAD should a project require these modeling needs. For plan production, Eutaw Utilities utilizes AutoCAD Land Desktop and/or Civil 3D. To provide adequate capacity in the event of multiple projects, we have included Jennifer Menendez of Catalyst Engineering to assist on stormwater/drainage task orders. Lane Lucas and Jennifer Menendez worked together for a number of years at a previous employer and are well suited to provide seamless design tasks to the County on stormwater related projects.



Specific Proposal Information
Stormwater Engineering
Section C

**WILLINGNESS TO MEET
SCHEDULE AND
BUDGET REQUIREMENTS**



Willingness to Meet Schedule and Budget Requirements

Eutaw Utilities has extensive work experience with local and state government infrastructure improvement projects that have fixed project budgets. To ensure that the project budget is not exceeded, we work diligently to assess and estimate the project costs throughout the development of the project design. We perform cost estimates at the conceptual, preliminary, 60%, 90% and 100% stages of the project to ensure that the project budget is being maintained with the design. We work diligently throughout the project design to evaluate the costs and cost-effectiveness of the design alternatives. During the development of the design, we will coordinate our design decisions and recommendations with the County and provide cost implications of the alternatives recommended for the project. Through this ongoing 'value-engineering', we can tailor the project design to meet the needs of the County, while maintaining the budgetary constraints of each project.

We understand the critical time element of many public infrastructure projects. Under this contract, we anticipate smaller, more time sensitive assignments. To ensure that the schedule is achieved, we will work closely at project startup to develop a feasible, critical path schedule. To maintain the schedule, we have weekly progress meetings to ensure that the critical path is being maintained. Where critical elements have been delayed or taken longer than expected, we will communicate with the County, and provide revised schedules that expedite other portions of the project to meet the schedule. When necessary, we will utilize additional project personnel to overcome any schedule delays to ensure that delivery of the project to the County is achieved on time.



Specific Proposal Information
Stormwater Engineering
Section D

**EFFECT OF FIRM'S
RECENT, CURRENT AND
PROJECTED WORKLOAD**

Effect of Firm's Recent, Current and Projected Workload

City of Live Oak, Florida

Continuing Engineering Services

Stormwater Master Plan Implementation

We have ongoing stormwater work with the City of Live Oak in the implementation of their City Stormwater Master Plan. Currently, we have been assigned the following projects:

- Old Madison Highway Stormwater Improvement Project – Completion Date: July 2011
- 6th and Green Stormwater – Completion Date: June 2011
- Meadow at Myrtle Stormwater – Completion Date: June 2011
- Winderweedle Stormwater – Phase 2 – Completion Date: June 2011

In addition to stormwater design projects, we have the following ongoing projects in the City of Live Oak:

- Construction Administration for the City of Live Oak Water System Improvements
Completion Date: April 2011
- Construction Administration for the City's Sanitary Sewer Improvement Project
Completion Date: November 2011

City of Alachua, Florida

Construction Administration for the City of Alachua's AWRP Treatment Plant

Completion Date: April 2011

City of Webster, Florida

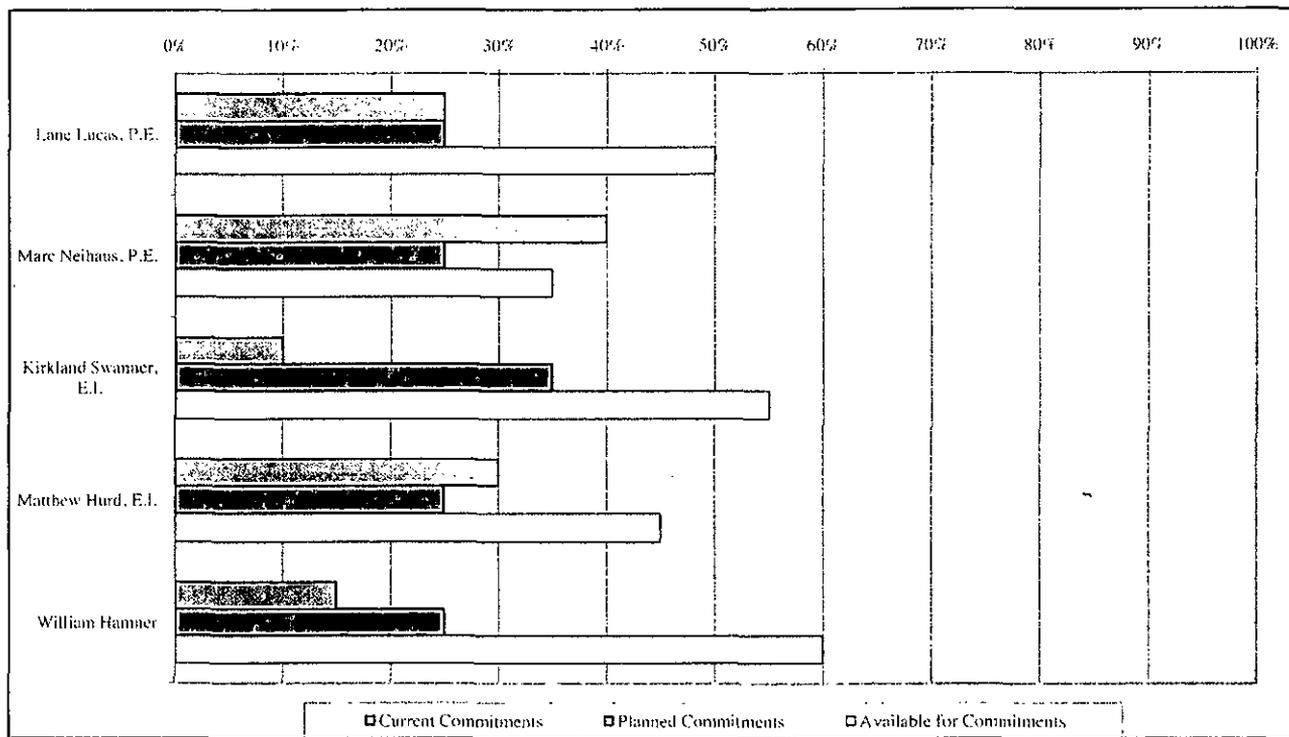
Continuing Engineering Services

Stormwater Master Plan Implementation

We have ongoing stormwater for with the City of Webster in the implementation of their City Stormwater Master Plan. Currently, we have been assigned the following projects:

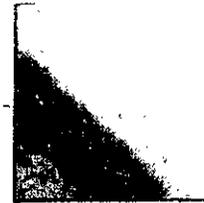
- Regional Stormwater Management Facility
Completion Date: April 2011
- West Central Avenue Drainage
Completion Date: April 2011

Staff Availability



Specific Proposal Information
Stormwater Engineering
Section E

**EFFECT OF
PROJECT TEAM
LOCATION**



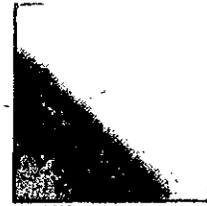
Effect of Project Team Location

Eutaw Utilities is located at 415 St. Francis Street, Unit 114, Tallahassee, Florida 32301. We are approximately 10 minutes from the County's facility on Miccosukee Road and within 30 minutes of any area of Leon County. With our centralized location, we are in position to respond to any project issues that may arise under this contract.



**Specific Proposal Information
Stormwater Engineering
Section F**

**APPROACH TO
THE PROJECT**



Approach to the Project

Eutaw Utilities, Inc. understands the challenges that communities face to meet the needs of their current residents and to plan for future growth of the community. Our goal in a continuing service role is to function as an extension of the Public Work's staff in meeting the needs of the community. For our current clients, we provide engineering services in this manner, as well as assisting in funding, political, and administrative hurdles that projects sometimes encounter. We have been successful in this role for our current clients, and feel confident that we will be able to effectively assist Leon County in meeting its challenges under this contract.

To demonstrate our understanding of the nature of the work and results to be accomplished under this contract, this section discusses the typical Eutaw team approach. Our typical project Approach consists of five major tasks: Project Startup, Conceptual Design, Data Collection, Final Design, and Services During Construction.

Project Startup

For any assignments, Eutaw's Project Manager, Lane Lucas, reviews the work order and determines the team members necessary to complete the project. Team members are chosen to ensure the project is adequately staffed with the right expertise for the assignment. Key staff from each firm and the local government will be organized for an in-depth field review to ensure that all aspects of the scope are understood and correlate to the existing field conditions.

Following the field review, Lane will coordinate with the local staff to ensure that the desired end result is understood and then develop a scope of service that clearly defines the work required to achieve the project goal. The project team will then assemble the required staff hours, project schedule and a project specific quality control plan for submittal to the County's Project Manager.

Conceptual Design

The Eutaw team understands that the success of a project depends upon the quality of decisions made during the early stages of the project. We believe that analysis of all feasible alternatives is mandatory early in the project to guard against design changes, rework and delays to the project. With the wealth of information currently available online and through various state databases, we can compile ample data to develop design concepts for evaluation without expending valuable resources for detailed data collection.

Using the available data, we will explore and evaluate potential alternatives for the project. Following this evaluation, Eutaw will develop and submit a conceptual design package, including preliminary design concepts, cost estimates, and regulatory/permit constraints on the project. The concept design package will be reviewed with the County for concurrence prior to undertaking final design.

Data Collection

As discussed above, we intend to utilize all available information to streamline the data collection efforts on projects in the contract by developing feasible conceptual designs prior to extensive data collection. Through this process, we will be able to eliminate unnecessary data collection efforts, which will improve efficiency, reduce costs and expedite the project schedule.



Once the limits of data collection are established, our team will rely on the experience of Thurman Roddenberry & Associates, Inc. for surveying and mapping services to collect the necessary detailed information for final design. TRA has performed survey and mapping services throughout the Florida panhandle and is very familiar with the needs and requirements for design survey data collection. Thurman of TRA and Lane Lucas of Eutaw have previously collaborated on many projects. Through their experience, TRA and Eutaw will be able to tailor the data collection required and collect the data in a cost-effective and efficient manner.

For geotechnical and environmental data collection, the Eutaw Team will rely on the experience and expertise of Environmental and Geotechnical Specialists, Inc. Tom Hayden and Judy Hayden are well known for their professionalism, accuracy and thoroughness. Lane has worked with the EGS staff on many public infrastructure improvement projects and their experience together will provide for efficient, cost-effective data collection on the projects assigned under this contract.

Final Design

During the final design process, we will cultivate the conceptual design into a complete and concise set of Plans and Specifications for bidding of the project. We are committed to utilizing state of the art software to develop and refine project designs, and we couple the information technology with good old fashioned common sense to develop feasible, affordable project designs. We will work closely with the County, utility agencies, regulatory agencies and any interested parties to ensure that the intent of the project is being met with a permissible and constructible design that meets the intent of the project.

We understand that many public improvement projects are dependent on public support and we are committed to work closely with the county and any local groups to provide project information to keep the public informed of the project, its intent and its potential impacts. We understand that community awareness is critical to public support, and therefore the success of the project.

Services During Construction

Eutaw Utilities has extensive experience providing Technical Services During Construction, starting with Bidding public infrastructure projects through Startup and Closeout of the construction phase service. Our staff has been instrumental in administering construction projects for the City of Live Oak, Columbia County, the City of Alachua and the City of Webster. For each of these clients, we have provided thorough SDC services, administering projects with construction costs up to \$20 million dollars.

During this phase of the project, we typically will have an onsite representative designated for the duration of construction. For specific portions of the project, we will provide the required expertise and experience to ensure that the project is constructed in accordance with the plans and specifications and that the contractor is providing quality workmanship for your community's infrastructure improvement.



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Effect of Firm's Recent, Current, and Projected Workload Section D

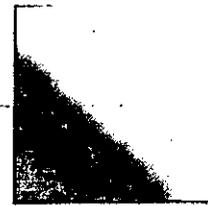
Effect of Project Team Location Section E

Approach to the Project Section F



**Specific Proposal Information
Roadway Design
Section A**

**ABILITY OF
PROFESSIONAL
PERSONNEL**



Ability of Professional Personnel

For Roadway and Stormwater task orders issued under this contract, Lane Lucas, P.E. will serve as Project Manager for Eutaw Utilities, Inc. and will be the main point of contact for Leon County staff. Lane has worked for and with Leon County on numerous public and private projects and is well suited to serve as an extension of the County Public Work's staff.

For roadway and stormwater task orders, Lane will be supported by the Eutaw staff, including Marc Neihaus, P.E., Matt Hurd, E.I., Kirk Swanner, E.I., William Hamner, Ruby McDuffie and Sandy McCart. Lane and Marc have collaborated on numerous roadway improvement projects in their careers, with Lane taking the lead on roadway and stormwater issues and Marc providing any associated structural design components.

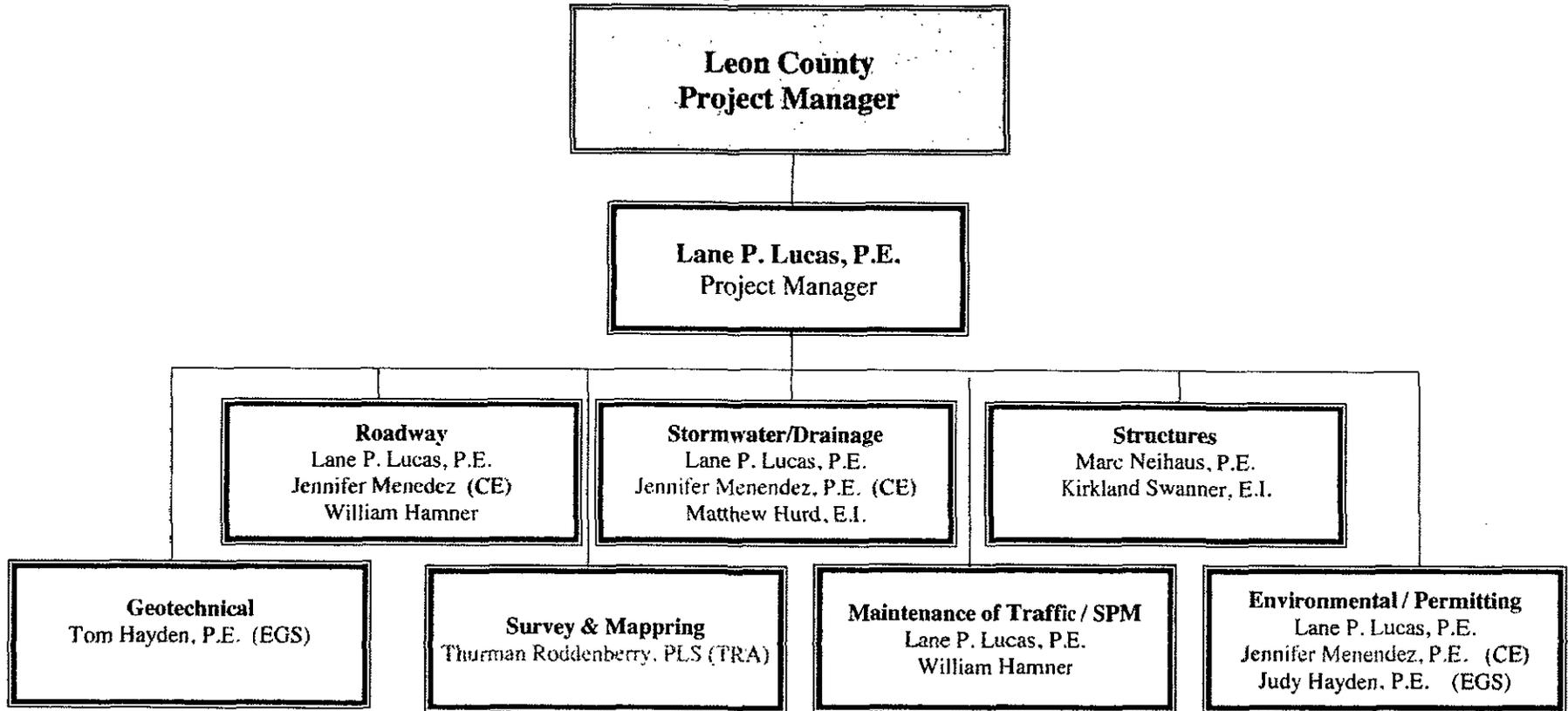
In addition to the in-house staff, Eutaw Utilities has teamed with other consulting firms that are familiar with the requirements and expectations of Leon County. Catalyst Engineering's Jennifer Menendez will support the team on roadway and stormwater design projects, if additional capacity is needed for large or multiple contract assignments. Environmental and Geotechnical Specialists, Inc. will provide geotechnical exploration and analysis, as well as environmental and permitting support. Our team will rely on the experience of Thurman Roddenberry and his staff for topographic surveying and mapping elements of the contract assignments.

In combination, our team is comprised of experienced, knowledgeable and dedicated professionals that are ready, willing and able to serve Leon County on this contract. A staff organizational chart is included on the following page.





**Leon County
Civil Engineering Consulting Services
Roadway and Stormwater**



Eutaw Utilities Thurman Roddenberry & Associates

ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS**

CATALYST ENGINEERING**

** M/DBE Certified Firm

Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PEL#005653

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Cell: 850-509-4134
Fax: 888-878-2939
Email: lpl1029@comcast.net

Education:

Bachelor of Civil Engineering; Georgia
Institute of Technology

Professional Certifications:

Florida P.E. #53936
Georgia P.E. #034246

Lane P. Lucas, PE;

President

Project Experience

Mr. Lane Lucas, P.E. serves as Director of Engineering and oversees engineering design, project management and overall engineering production for Eutaw Utilities. Mr. Lucas has 16 years of experience in the design and management of public and private infrastructure improvement projects, with an emphasis on roadway and stormwater projects. His experience has been gained through numerous projects for the Florida Department of Transportation, the City of Tallahassee and Leon County. Mr. Lucas takes a hands-on approach to his projects, being involved in the design elements while also taking responsibility for the overall management and success of the projects.

State Road 79 from ICWW to Steelfield Road

State Road 79 from Steelfield Road to Environmental Road

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as Project Manager, Lead Roadway Designer and Lead Drainage Designer for these two adjoining roadway reconstruction projects. The projects included reconstructing the two-lane rural roadway to four-lane divided highway for approximately 11 miles. The project included both rural and urban roadway sections, and included multiple bridge culvert replacements, one bridge replacement and one new bridge construction. Mr. Lucas managed the overall projects and coordinated the numerous project disciplines to result in successful projects for District Three, while also serving as lead roadway and drainage engineer on the projects. Mr. Lucas was responsible for the coordination of the project improvements with the Division of Forestry and worked with that agency to minimize impacts to Pine Log State Forest, which bordered much of the project corridor.

State Road 79 from Back Beach Road to ICWW

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as the Lead Drainage Engineer on this 5 mile rural reconstruction project to convert the existing two-lane roadway to four-lane divided highway. Mr. Lucas was responsible for designing linear drainage system that saved extensive funding by reducing the overall right-of-way requirements and construction costs. Mr. Lucas assumed the Project Manager role for this segment prior to construction and was instrumental during construction to address design and construction issues.

US 98 / Thomas Drive

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as the Lead Drainage Engineer on this three-level, urban interchange design project. Mr. Lucas was responsible for planning, designing, and permitting the drainage system to capture, convey, treat and dispose of stormwater runoff from the project area. During construction of the project, Mr. Lucas worked with the construction personnel to address design and construction issues on the project.

State Road 85 from Bill Lundy Road to CR 85A

Florida Department of Transportation – District Three • Okaloosa County, Florida

Mr. Lucas served as project manager of this four mile rural resurfacing project. The purpose of the project was to rehabilitate the existing two-lane roadway and construct paved shoulders along the roadway. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.



State Road 393 from US 98 to SR 189**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager of this two mile urban resurfacing project. The purpose of the project was to rehabilitate the existing four-lane divided roadway, add numerous turn lanes, and improve ADA accessibility along the roadway corridor. This project was in a heavily commercially developed area of Ft. Walton. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.

State Road 30 at State Road 85 West Leg**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager and lead roadway design engineer for this intersection reconstruction project. The purpose of the project was to realign the intersection of two important roadways in Fort Walton Beach. The project included extensive coordination with adjoining property and business owners. Mr. Lucas was responsible for management, design, coordination, permitting and public involvement on this project.

State Road 189 from US 98 to SR 393**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager of this two mile urban resurfacing project. The purpose of the project was to rehabilitate the existing five-lane roadway, address roadway failures and improve ADA accessibility along the roadway corridor. This project was in a heavily commercially developed area of Ft. Walton. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.

East Park Avenue Roadway Improvement Project**City of Tallahassee • Tallahassee, Florida**

Mr. Lucas served as lead roadway and drainage design engineer of this two mile urban reconstruction project, converting an existing two-lane roadway to a four-lane divided roadway. The project included extensive drainage improvements to address existing drainage problems and to account for the increase of stormwater runoff created by the roadway widening.

Conner Boulevard Roadway Improvement Project**City of Tallahassee • Tallahassee, Florida**

Mr. Lucas served as lead roadway and drainage design engineer of this one mile urban reconstruction / realignment project. The project included realigning and widening two major roadways to provide a single intersection rather than two staggered intersections. Mr. Lucas was responsible for roadway geometric design, utility coordination, drainage and stormwater design and environmental permitting.

SAFE Roadway Improvement Program – Miscellaneous Projects**Leon County • Leon County, Florida**

Mr. Lucas served as lead roadway and drainage design engineer for numerous roadway paving projects under Leon County's SAFE (Stabilization and Asphalt For Everyone), including Old Magnolia Road, Cypress Landing Road, Nabb Road. Mr. Lucas was responsible for roadway geometric design, drainage and stormwater design, and environmental permitting.

City Wide Stormwater Improvement Program**City of Live Oak, Florida • Live Oak, Florida**

Mr. Lucas served as Program and Project Manager for the implementation of various stormwater improvement projects in the City of Live Oak, including Albritton-Houston Drainage, Walker Avenue Drainage, and Sherwood Forest Drainage Improvement Projects. Mr. Lucas was responsible for drainage design, utility coordination, property owner coordination, and construction administration.

Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PE 005633

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Fax: 888-878-2939
Email: marcneihaus@comcast.net

Education:

B.S. Civil Engineering; Rose Hulman
Institute of Technology
B.S. English Composition Indiana State
University
American Council of Engineering
Companies (ACEC), Senior Executive
Institute
Graduate level Hydraulic Analysis;
Purdue University
Graduate level Structural Design;
Florida State University

Professional Certifications:

Professional Engineer: Indiana, Florida
and Tennessee
Licensed Pilot
Former Intelligence Officer with top
secret clearance, O-3, Lieutenant U.S.
Naval Reserve

Marc E. Neihaus, PE;

Vice President

Well-credentialed Professional Engineer with more than twenty years experience as a successful entrepreneur and senior corporate executive leading management of a broad variety of major engineering projects in the public, commercial, and municipal sectors. Proactive. Results driven. Strong administrative proficiencies ensure effective project execution throughout the entire life cycle.

Expansive portfolio of expertise includes waste water treatment, water utility systems, urban roadways and bridges, structural design, and commercial and residential construction. Demonstrates boundless motivation, exceptional initiative, and far-reaching capacity for taking charge of multiple, concurrent work loads with a keen focus on producing superior results in line with business objectives, budgets, and timelines. Extensive qualifications in the following competencies:

- Engineering Management
- Regulatory Compliance
- Startup Operations & Turnarounds
- Procurement & Sourcing
- Financial Planning & Cost Management
- Environmental Assessment
- Project Management & Implementation
- Contract Negotiations & Closing

Eutaw Utilities, Inc, Tallahassee, FL

2003-Present

Provides engineering consulting services primarily for the funding, design, and construction of water management and waste water treatment facilities.
VICE-PRESIDENT / CO-FOUNDER
Created and leads a 5 employee consulting engineering company with the unique business model of identifying and securing funding for clients' projects, and concurrently designing and administering all construction.

- Developed business to >\$1.3M in revenue in only 4 years.
- Secured and administered > \$25M in grant funds for clients.
- Orchestrated > \$4M in direct legislative appropriations to help fund many of our major projects.
- Provided construction services and administration for > \$40M in water utility construction projects since 2007.
- Served as Engineer of Record (EOR) for two 1.5 MGD waste water treatment plants (WWTP).
- Oversaw the construction administration for three WWTPs valued at > \$24M.
- Designed and managed the construction administration for 23 miles of waste water collection lines, 25 lift stations and 20 miles of force mains.
- Spearheaded the design of > 15 miles of potable water mains, and the design/build of public potable well fields, multiple water management/conveyance systems, holding ponds (lined and unlined), spillways, and other hydraulic structures.

Baskerville-Donovan, Inc, Tallahassee, FL

1995-2003

Engineering consulting firm supporting the design and construction of major water utility and roadway projects

VICE PRESIDENT, REGIONAL OFFICE MANAGER (2000-2003)

PROJECT MANAGER (1996-2000)

DESIGN ENGINEER (1995-1996)

Provided extensive roadway and structural design services as well as comprehensive staff oversight for all projects. Spearheaded the complete turnaround of company's underperforming projects to ensure client satisfaction and retention. Voluntarily assumed management of a major failing project and brought it to completion, avoiding a potentially litigious situation.



- Served as Engineer of Record for > \$21M adjoining urban road projects through downtown Tallahassee.
- Lead structural designer for a 1200-foot pre-stressed concrete Pensacola fishing pier utilizing a unique break away deck system as well as unconventional pile geometry.
- Successfully completed numerous storm water modeling studies and designs in conjunction with municipal and private infrastructure development.
- Served as Lead Geometric Roadway Design Engineer for multiple County projects and Lead Structural Design Engineer for a two span replacement bridge near Miami.
- Assigned as Lead Design Engineer and Engineer of Record for two, three span replacement bridges on State Road 79, Bay County Florida.
- Designed an at-grade bridge spanning a three hundred foot weir urban wetland, connected to a flume system and a buried conveyance system. All were structurally integrated and supported through an extensive pile foundation.

Indiana Department of Transportation, Terre Haute, IN

1993-1995

PROJECT ENGINEER

One of two construction managers for a \$7.7M project to rebuild two bridges and reconstruct 8 miles of 4-lane highway. Provided comprehensive design of new and reconstruction projects for state, interstate highways, and interchanges.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registrations: FLE 005633

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: loadmaster31@yahoo.com

Education:

Bachelor of Civil Engineering; Florida
State University
Bachelor of Arts - History; Virginia
Commonwealth University
Advanced Engineering Drafting
Diploma; Maryland Drafting Institute

William D. Hamner

Design Engineer

Experience

Mr. Hamner has 12 years of experience as both an Engineer and a Civil Engineering Technician and has been with Eutaw Utilities since 2005. Since coming to Eutaw Utilities, he has been extensively involved in both the design and production of public infrastructure improvement projects around the State of Florida. His primary responsibilities include Design, Plans Production and Review, writing and obtaining permits from various local and state organizations, Project Management, and providing Engineering Services During Construction (SDC). He is recognized by his peers and the FSU staff as one of the most knowledgeable operators of AutoCAD & Autodesk Land Development Desktop.

Some of the projects Mr. Hamner is currently working on include: Providing Engineering SDC on a \$20 Million Waste Water Treatment Plant (WWTP) Upgrade for the City of Alachua; Design and Engineering SDC for a \$10 Million Upgrade to an existing WWTP in Wakulla County, FL. In addition, Mr. Hamner designed a Gravity Sewer System and Forcemain for the City of Webster, FL; has worked on Stormwater Design and Analysis for the City of Live Oak; Provided Engineering SDC for an \$12 Million Waste Water Treatment Plant in the City of Live Oak, FL; Design Engineer for the Wakulla County Force Main down Lower Bridge Road and participation on the design of the Gravity Sewer lines within Wakulla Gardens. Mr. Hamner was the Site Design Engineer for the City of St. Marks park restoration projects and Columbia County's Wastewater Treatment Plant and Water Well Site. Mr. Hamner was also responsible for the Drinking Water Service System design for Columbia County.

Roadway/Transportation

Mr. Hamner's Roadway/Transportation experience has been gained through numerous projects for the City of Tallahassee and Leon County. These projects included designing new roads and the widening/ realignment of existing roads in both urban and rural environments. Mr. Hamner was extensively involved in all aspects of the design process and plans production for these projects. His responsibilities included, plans production, horizontal and vertical profile design, underground utility placement, signing and pavement marking, and signalization. In addition, Mr. Hamner has been responsible for the roadway design and infrastructure of many neighborhoods in and around the City of Tallahassee.

Stormwater Analysis/Design

Mr. Hamner has worked on the design of numerous stormwater retention ponds and stormwater conveyance systems. These projects include designing ponds for various neighborhoods, apartment complexes, and commercial projects of various sizes. In addition, he has worked on the analysis and upgrades to existing stormwater conveyance systems for both the City of Tallahassee and the City of Live Oak.

Sanitary Sewer Design

Mr. Hamner has an extensive amount of experience designing both Gravity Sanitary Sewer and Forcemain systems. He was responsible for the design and plans production for 6.5 linear miles of gravity Sanitary Sewer throughout the City of Webster, FL. In addition, he designed 12.4 miles of Reuse Water Forcemain along US HWY 90 for the City of Live Oak to connect to a new Florida Department of Corrections Facility in Suwannee County, FL. In Wakulla County, FL, He is responsible for the design of 13.5 miles of Sanitary Sewer Forcemain, and an additional 6.2 miles of Reuse Water Forcemain. Along with being the design engineer on these projects, Mr. Hamner served as the on-site project manager for several of them.

Waste Water Treatment Plant

Mr. Hamner has been extensively involved in both the design, project management, and providing Engineering SDC of the upgrades to the City of Live Oak WWTP, the City of Alachua WWTP, and the Wakulla County WWTP at Otter Creek. In addition, He was one of the lead designers on a WWTP in Columbia County.

Drinking Water Well Field and Service Main

Mr. Hamner designed a Drinking Water Well Field Site in Columbia County, FL and provided Engineering SDC during its construction.



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415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: matthurd5@yahoo.com

Education:

Bachelor of Civil Engineering; Florida
State University

Matthew W. Hurd, PE

Staff Engineer

Mr. Hurd joined the Eutaw team in 2007. Mr. Hurd provides engineering GIS and CAD support for the design process. His most recent projects include:

- Design of approximately 75,000 LF of sanitary force main line and 3 pumping stations in Wakulla County
- Design and construction supervision of 30,000 LF of reclaimed water line in Wakulla County
- Design of 77,000 LF of gravity sewer lines and 12 pumping stations for Wakulla County
- Design of 23,500 LF of potable water lines for the city of Ellisville
- Stormwater analysis for the City of Live Oak
- Water line design in Suwannee City consisting of 65,000 LF of distribution lines with laterals, fire hydrants and appropriate inter-connects for 850 service connections
- Lift station redesign and improvements for the St. Marks FEMA Disaster Grant project.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PE#005555

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: kswanner8@yahoo.com

Education:

Master of Science in Construction Management; Florida State University and FAMU-FSU College of Engineering
B.S. Civil Engineering; Florida State University

Honors and Activities:

Florida State University Dean's List
The National Dean's List
Three year member of the Florida State University Marching Chiefs

Kirkland F. Swanner, EI;

Staff Engineer

Kirk Swanner joined the Eutaw team in 2007. Mr. Swanner provides engineering GIS and CAD support for the design process, oversees project schedules, ensures project budgets and schedules stay on task, and construction administration services. Some of his more recent projects with the Eutaw Team include:

- City of St. Marks Wakulla River Canoe Launch** **\$60.000**
Performed as Design Engineer and Construction Administration for a canoe launch and elevated walkway on the Wakulla River in the City of Saint Marks. Design work included structural analysis, construct ability and site layout of the Canoe Launch. Construction Administration services included site inspections, budget and scheduling monitoring.
- City of St. Marks Wakulla Waterline** **\$260.000**
Performed as Design Engineer to improve the existing water distribution system by installing new water mains and replacing other water mains.
- City of Live Oak Pond Liner** **\$900.000**
Responsible for the design of the improvements to an existing retention pond. Design services included Geotechnical design of an earthen berm as well as structural design of a reinforced concrete structure.
- Columbia County Waterline** **\$290.000**
Responsible for the design of 1.3 miles of water distribution water mains.



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415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Cell: 850-566-5528
Email: jewelvision@hotmail.com

Education:

Bachelor of Science - Architecture;
Florida A&M University
Associate of Arts - Business Administration;
Florida A&M University

Ruby D. McDuffie

Engineering Contracts Administrator

Ms. McDuffie has over 17 years of strategic design and problem solving experience. Her experience working with local, state, and federal governmental agencies has given her a broad understanding of program planning. Working with clients, Ms. McDuffie has been involved in solution engineering consultation and programming, analysis, schematic design, component systems coordination, research, design development, "shovel-ready" project documents, specifications, materials research, document checking and coordination, office implementations, site implementations, project and office management, database design and implementation, and cost research and analysis. Her educational background and work experience enables her to communicate between clients and engineers at various depths of understanding.

With Eutaw Utilities, Ms. McDuffie serves as a construction administrator, grant administrator, and client consultant. She is able to work with clients from project conception to completion and help them find funding sources and track those funds according to the requirements of the funding agencies. She has experience maintaining "audit-ready" files and record keeping Davis-Bacon documents, which include project site Labor Standards Interviews and ARRA Job Reports. She has experience preparing disbursement requests and documentation for funding source agreements.

She is able to patiently explain difficult concepts to municipal and private sector officials to allay concerns and to facilitate agreements. Ms. McDuffie has worked with clients throughout the state of Florida, Alabama, Washington, D.C. and South Carolina on various community revitalization and improvement projects and has received award recognition for her unique project contributions.



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Georgia Registration: PE005655

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Fax: 888-878-2939
Cell: 850-320-5535
Email: sandymccart@yahoo.com

Education:

AA Science and Technology; Purdue University

Sandy L. McCart

Administrative Manager

Eutaw Utilities, Inc was formed with the goal of bringing unique people and disciplines to produce the most cost effective and creative results for their clients. Ms. McCart has a wide variety of administration experience, working for both public and private sector entities. She offers over 18 years of experience in accounting, office management and human resources.

Ms McCart has been with Eutaw Utilities since 2007. She has proven her ability to provide a comprehensive approach, utilizing numerous funding programs to realize the total project potential. Her experience in administering programs for numerous national and international projects gives her the ability to work with active citizen groups and developing a plan to best suit their individual needs.

Working closely with Eutaw Staff, Ms. McCart has assisted in the development of several facility plans including wastewater treatment plants, potable water facilities, and stormwater design projects.

Ms. McCart's planning experience has given her the ability to provide flexibility to local governments working within the boundaries of promulgated rules and requirements. Her attention to detail ensures project compliance in preparing grant applications and documentation for individual projects. She serves GAC's clients as an administrative manager of program compliance in preparing loan and grant applications, research of funding opportunities and documentation of individual projects.

Her ability to quickly obtain a working knowledge of the application procedures for a number of funding agencies including CDBG, DSCG, FRDAP, Legislative Appropriations, SRF, and others, has made her an invaluable asset to the team.

Software Experience:

Microsoft Word, Excel, Powerpoint, Pagemaker 6.5, Quark Xpress, Adobe Photoshop; InDesign; Illustrator, Acrobat, ArcGIS 9.0



OUTSIDE CONSULTANTS

Environmental and Geotechnical Specialists, Inc.

Tom Hayden, P.E.

Judy Hayden, P.E.

*Environmental Assessments and Permitting
Geotechnical Exploration, Analysis and Design
Tallahassee, Florida*

Catalyst Engineering, LLC.

Jennifer Menendez, P.E.

*Roadway Design Support
Drainage / Stormwater Design Support
Tallahassee, Florida*

Thurman Roddenberry and Associates, Inc.

Thurman Roddenberry, PLS

*Topographic Survey and Mapping Services
Sopchoppy, Florida*

EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E. Environmental Engineering

Professional Credentials

Bachelor of Science, Education, University of Dayton, 1971

Bachelor of Science, Civil Engineering, Oklahoma State University, 1977

Master of Science, Civil Engineering, Kansas State University, 1979

Professional Engineer in Florida

Professional Organizations

American Society of Civil Engineers, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter

Florida Engineering Society, Past President of Big Bend Chapter, 2007 Engineer of the Year of Big Bend Chapter, Elected Fellow

American Public Works Association

National Society of Professional Engineers

Florida A&M University / Florida State University, Civil Engineering Advisory Committee

Special Qualifications

- Over 25 years of environmental design and permitting experience, including natural features, wetland delineation, environmental impact, and environmental management
- Highly-skilled at regulatory agency coordination
- Familiarity of Leon County, City of Tallahassee, and Florida Department of Environmental Regulation Permitting Requirements

Years Experience with EGS: 16

Years Experience with Other Firms: 12

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3 , Chipley, FL – Serves as project manager to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the environmental permitting for transportation projects, park and recreational facilities, and other public works projects. In addition, the services have included numerous Phase I Environmental Site Assessments for land acquisition.

EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E.

Relevant Experience, cont.

Leon County, Department of Public Works, General Service Contract, Leon County, FL - Served as project manager for the environmental permitting for the construction of roadways, parks and utility easements. In addition, Phase I Environmental Site Assessments investigating the potential of contamination have been conducted for the Department prior to land acquisition.

Blair Stone Parkway Corridor Study and Design, City of Tallahassee, Department of Public Works - Project manager for the environmental investigation for the corridor study and the design of Blair Stone Parkway from Park Avenue to Capital Circle NE. The project included the Cultural Resource Analysis for significant archeological and historical sites within the proposed roadway extension in accordance with the National Historic Preservation Act. The services also included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the City of Tallahassee, Department of Growth Management, Environmental Division.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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 prepare the Natural Features Inventory Permit and participated in numerous public workshops.

McKeithen Road, City of Tallahassee - Conducted the environmental investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included preparation of the Natural Features Inventory and the Environmental Impact Analysis Report and Maps.

Eastern Transmission Line, City of Tallahassee - Conducted the environmental investigation for the installation of a new electric utility which will include both above ground and under ground installation. The services included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, the City of Tallahassee Growth Management Department and the Leon County Growth Management Department. In addition, the services included a review and approval from the Canopy Road Advisory Committee.

SR 261 (Capital Circle SE), Leon County, Blueprint 2000 & Beyond - Completed the environmental permitting for the widening of Capital Circle from two lanes to 4 lanes from Tram Road to Woodville Highway. The widening design included recommendations for lane additions and stormwater treatment facilities to minimize impact to the natural features within the area. It also included the permitting and relocation of the endangered gopher tortoise species.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Thomas H. Hayden, P.E.
Geotechnical Engineering

Professional Credentials:

Bachelor of Science, Civil Engineering, University of South Florida, 2003
Professional Engineer in Florida

Professional Organizations:

American Society of Civil Engineers – 2008 President Tallahassee Chapter – 2008-2010 FAMU/FSU College of Engineering Student Chapter Liaison – 2009 Young Engineer of the Year

Florida Engineering Society – 2008-2009 K-12 Education Committee - 2006-2008 Math Counts Committee – 2009 Florida Engineering Leadership Institute Graduate

Geotechnical Materials Engineers Council

Special Qualifications:

- Over 10 years of Geotechnical design and investigation experience, including roadway studies, stormwater design, pavement design, and materials engineering
- Familiarity of FDOT Geotechnical Standards
- CTQP/ACI Certifications: Aggregate Field and Laboratory Testing Technician, Asphalt Plant Technician – Levels I and II, Field Sampler Technician, LBR Technician, Concrete Field Technician – Levels I and II, Concrete Laboratory Technician – Level 1, Quality Control Manager, Concrete Transportation Construction Inspection, Advanced Maintenance of Traffic Inspector and FDEP Erosion Control Inspector

Years Experience with EGS: 7; Years experience with other firms: 3

Relevant Experience:

GPI Southeast, Inc., Proposed Longleaf Development, Stormwater Treatment Facilities, Wakulla County, FL – Performed subsurface investigation of the proposed Longleaf Development. Provided client with subsurface conditions, encountered groundwater and estimated “normal” seasonal high groundwater, design infiltration rates, and anticipated construction considerations.

Carollo Engineers, Lake Bradford Road Wastewater Treatment Facility, Tallahassee, FL – Performed subsurface investigation of the proposed roadway and parking improvements at the Lake Bradford Wastewater Treatment Facility. Provided the client with design and reuse recommendations for each material STRATA encountered throughout project.

Florida Department of Transportation, District 3, SR 97 Pavement Core and Condition Survey, Escambia County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 97 in Escambia County, Florida. Provided the District with the types of pavement failure encountered, anticipated construction considerations, and design recommendations.

Florida Department of Transportation District 3, SR 61 Pavement Condition Survey and Design, Leon County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 61 (North Monroe Street) at the proposed Lake Jackson Eco-Passage. Provided the client with compaction characteristics of the existing embankment material as well as design recommendations for the proposed pavement.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E. Geotechnical Engineering

Professional Credentials

Bachelor of Science, Civil Engineering, Tri-State University, 1974
Master of Science, Civil Engineering, Oklahoma State University, 1975
Doctor of Philosophy, Civil Engineering, Oklahoma State University, 1978
Professional Engineer in Florida
General Contractor in Florida

Professional Organizations

American Society of Civil Engineers, Past Vice-President of North Florida Section, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter
Florida Engineering Society, Past Vice-President of North Florida Region, Past President of Big Bend Chapter, Elected Fellow, Past Engineer of the Year of Big Bend Chapter
American Society of Transportation Engineers
American Public Works Association
National Society of Professional Engineers
Transportation Research Board (National Academy of Sciences), Past National Committee Chairman
Florida A&M University / Florida State University, Chairman of Civil Engineering Advisory Committee
Leon County Board of County Commissioners, Serves on Science Advisory Committee

Special Qualifications

- Over 30 years of Geotechnical design and investigation experience, including roadway studies, bridge designs and groundwater control
- Highly-skilled consensus builder on controversial projects
- Familiarity of FDOT Geotechnical Standards
- Familiarity of Construction Requirements and Techniques

Years Experience with EGS: 16

Years Experience with Other Firms: 16

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3, Chipley, FL – Provides miscellaneous services to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E.

Relevant Experience, cont.

have included the Geotechnical analysis for the design life of existing culverts, culvert extensions, mast arm installation, slope evaluations, base failures, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.

Leon County, Department of Public Works, General Service Contract, Leon County, FL – Provides miscellaneous services to Leon County under a General Service Contract. The tasks have included the Geotechnical analysis for stormwater management facilities, karst impacts, slope stability, lane additions, base failures and retaining wall design.

Blair Stone Boulevard Extension North, City of Tallahassee Public Works Department, Tallahassee, FL – Project manager for the Geotechnical investigation for the roadway extension of Blair Stone Road from Park Avenue to Capital Circle North East. The investigation included the analysis of subsoils for lane additions, culvert installations, storm sewer installation, and retaining wall installation. Also included was the Geotechnical investigation for the construction of a bridged section over a wetland area, the slope stability analysis of an embankment area, and a limited contamination assessment within the limits of the project. The project included participation with a Citizens Advisory Team during the initial corridor study for this project.

Capital Circle Widening Project, City of Tallahassee, Leon County, Blueprint 2000 and Beyond – Conducted the geotechnical investigation for the widening of 5 segments of Capital Circle. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, and stormwater treatment facilities.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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.

Orange Avenue Widening, Leon County Public Works Department, Leon County, FL - Served as project manager for the Geotechnical investigation for the widening of Orange Avenue from South Monroe Street to Blair Stone Road. The widening project included the addition of two additional lanes with a center grassed median. The existing adjacent stream has been designed to be rerouted through over 2,000 feet of box culverts placed under the roadway. The Geotechnical investigation also included a noise barrier wall design, mast arm installation and groundwater analysis for stormwater treatment and attenuation.



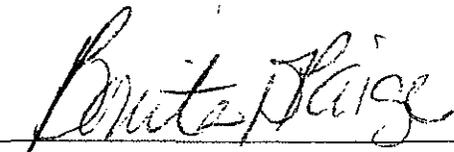


This certifies that
**ENVIRONMENTAL AND GEOTECHNICAL
SPECIALTIES, INCORPORATED**
is recognized as a
Minority/Women-Owned Business Enterprise
under the
**City of Tallahassee and Leon County
Consortium Interlocal Agreement**

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



MBE Administrator



Certification Specialist

Jennifer L. Menendez, P.E.

Education: Bachelor of Science in Civil Engineering, University of Florida

Registration: Professional Engineer, Florida. Registration No.: 68431

Years of Experience: 7

Mrs. Menendez has gained a wide range of project experience in both the public and private sectors. In the area of private land development, she has designed and permitted commercial site plans and residential subdivisions in Leon County, Franklin County, Tallahassee and many surrounding municipalities. For the Florida Department of Transportation, she has had the opportunity to work on rural and urban multi-laning projects, a new alignment project, and a resurfacing project. Other public sector experience includes providing utility design, bid administration and project reviews for the City of Carrabelle, a research project pertaining to model selection methods for bridge hydraulics, and a portion of an extended PD&E Study on Capital Circle for Blueprint 2000.

Safe and Sound Bridge Improvement Project for Missouri Highways and Transportation Commission
Missouri Department of Transportation

Engineer responsible for hydraulically modeling four bridges and recommending design conditions. Also responsible for quality control of many of the other bridges.

Providence Neighborhood Improvements**City of Tallahassee - Leon County**

Drainage Engineer for sidewalk addition and conversion to curb and gutter. Responsibilities included drainage design and permitting.

George L. Sands Memorial Park Stormwater Management Facility**City of Carrabelle - Carrabelle, Florida**

Engineer for a wet detention facility retrofit project to add treatment and attenuation in the City of Carrabelle. Responsibilities included site planning coordination with the City, permitting, wet detention facility design, landscaping, basin modeling and bid administration

State Road 83 from South of I-10 to South of US 90 (RRR)**FDOT District 3 - Walton County**

Engineer for Resurfacing, Restoration and Rehabilitation project. Responsibilities included pavement design, ADA compliance, maintenance of traffic, utility coordination, public involvement, plans production and electronic delivery.

State Road 83 from US 98 to the Choctawhatchee Bay Bridge**FDOT District 3 - Walton County**

Drainage Engineer for 4.7 mile urban multi-laning project. Responsibilities included drainage design, permitting, and community awareness.

State Road 83 from the Choctawhatchee Bay Bridge to South of State Road 20**FDOT District 3 - Walton County**

Drainage Engineer for 5.1 rural multi-laning project. Responsibilities included pond siting, bridge hydraulics, drainage design and community awareness.

NCHRP Research Project #24-24 - Criteria for Selection Hydraulic Models**Transportation Research Board**

Research team compared 1D and 2D bridge models for varying channel and bridge geometries, then recommended criteria for whether to use a 1D or a 2D model. Responsibilities included creating the 1D models.

Bridge Hydraulics Class**FDOT/FICE**

Taught the HEC-RAS based bridge modeling class with Shawn McLemore for 2005-2006.



Certifies that

Catalyst Engineering, 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

December 9, 2010 to December 8, 2012



Iranetta J. Dennis, Leon County MWSBE Director

Thurman Roddenberry and Associates, Inc. 850-962-2538

125 Sheldon Street

Thurman_TRA@Earthlink.net

P.O. Box 100

Sopchoppy, Florida 32358-0100

850-962-2538 Fax: 962-1103

FIRM PROFILE

Professional Leadership Team:

JAMES THURMAN RODDENBERRY

(Mobile: 850-251-7588)

- Established company in 1990 with 15 years prior surveying experience
- Registered Surveyor and Mapper since 1986
- Developed business from a 2 man operation to 23 employees at its peak.
- President of Corporation and overseer of entire operation

ROBERT BOEN STRICKLAND

- Graduated Faulkner College in 1992
- Registered Surveyor and Mapper 2001
- Supervises Field Operations

ROBERT DUANE RODDENBERRY

- Graduated Florida State University 1992
- Registered Surveyor and Mapper 2001
- Supervises CAD operations

CHARLES REVELL

- Registered Surveyor and Mapper 2003
- Assistant Field Supervisor

SUPPORT TEAM:

- 2 full time Auto Cadd Operators
- 1 Secretary
- Global Positioning Systems (GPS) capabilities.
3 available Field Crews with personnel and equipment capable of
Expanding to 4 crews (if necessary)



SAMPLE WORK HISTORY:

- **"M" Inc. of Tallahassee** / Construction layout work on major infrastructure projects including as-built surveys of several schools in Leon County / worked from 1990 up to present.
- **Cliff Lamb and Associates, Inc.** / Large subdivision projects, including: Boundary surveys, topographical surveys, design and monumentation, construction Layout / worked since 1995 up to present.
- **Premier Construction and Design and Sandco** / Large subdivision projects including: Topographical surveys, design and monumentation, and construction layout and as-built surveys including several schools in Leon County, FL.
- **Inovia** / Large subdivision projects including: topographical surveys, Design and monumentation, and construction layout / since 2000 to present.
- **Pine Coast Realty** / 15,000 acres in Franklin County & Liberty County / Surveyed and divided into 40 acre or larger tracts (Old Alberta Crate land)
- **Piney 'Z'** / 800 acre subdivision in Leon County / developed into approximately 800 lots
- **Banks, Realtors and Individual Clients** / Mortgage surveys, topographical Surveys, flood elevation certifications, land division surveys etc.

SCOPE OF WORK:

- Full service surveying and mapping company specializing in boundary surveys Topographical surveys, subdivision design and layout, construction layout and Survey related work to aid engineering projects.

Completed Projects

Walker Avenue Widening Project

City of Live Oak, Florida
386-362-2276

Reference: Bob Farley, City Administrator

Eutaw Utilities providing engineering, permitting, utility coordination and engineering services during construction on this roadway widening project in the City of Live Oak. The project widened an existing two-lane roadway to a three-lane section to provide enhanced traffic control and safety in the vicinity of five Suwannee County public schools.

Project Manager – Lane Lucas

Design Engineer/Permitting – Lane Lucas, Matt Hurd

Construction Administration – Lane Lucas, Kirk Swanner

Project Completion Date – August 2010

Project Cost – \$275,000

State Road 83 / US 331 Resurfacing, Restoration and Rehabilitation

Florida Department of Transportation, District Three
Walton County, Florida
850-638-0250

Reference: Howard Hodge, Project Manager

Mr. Lucas served as Project Manager for this resurfacing project for the Florida Department of Transportation, District Three. The project included milling and resurfacing the existing four-lane divided roadway, which included both urban and rural roadway sections. Mr. Lucas was responsible for the overall management of the project, including overseeing design and plan production, estimates, community awareness, and utility coordination. Jennifer Menendez, of Catalyst Engineering, worked as the Roadway design engineer for this project with Mr. Lucas.

Project Manager – Lane Lucas

Project Completion Date – May 2009

Project Cost – \$2,500,000



Centerville - A Conservation Community

Conservation Community Group, LLC

Leon County, Florida

850-567-8900

Reference: Kent Deeb, Project Administrator

This project was a 1,000 acre conservation subdivision within the Northeastern portion of Leon County. Lane Lucas, while with another consulting firm, was responsible for the planning, design, permitting and construction administration of the project, which included over seven miles of rural, two-lane roadway design. Mr. Lucas was responsible for the geometrical design of the roadway system, including connections to Centerville Road through the Canopy Road Protection Zone. Mr. Lucas provided engineering design, construction plans and specifications, and technical services during construction for the installation of over seven miles of roadway in this development.

Project Completion Date - April 2006

Project Cost - \$5,500,000

Project Manager - Lane Lucas

Design Engineer - Lane Lucas

Pisgah Church Road Improvements

Conservation Community Group, LLC

Leon County, Florida

850-567-8900

Reference: Kent Deeb, Project Administrator

The Pisgah Church Road Improvement project was an ancillary project to the Centerville - A Conservation Community project, and included the stabilization of approximately 1.0 miles of graded roadway in Northeast Leon County. The project included the stabilization of the roadway through the construction of an Open-Graded Cold Mix. Lane Lucas was the roadway and drainage engineer on this project, which included the installation of an underdrain along the majority of the roadway. Mr. Lucas worked closely with Leon County staff to ensure that the final product was acceptable to the County.

Project Manager - Lane Lucas

Project Completion Date - April 2006

Project Cost - \$225,000

State Road 79 - ICWW to Steelfield Road

Florida Department of Transportation, District Three

Bay County, Florida

850-638-0250

**References: Mike Melvin, Project Manager (Retired)
J. Scott Golden, District Design Engineer**

This project was a 2.1 mile roadway reconstruction project along State Road 79, consisting of the reconstruction of the roadway from a rural, two-lane highway to a divided four-lane highway. The project included both urban and rural roadway segments, the installation of storm sewer systems, the construction of four (4) stormwater management facilities. Mr. Lucas served as the Project Manager

and Lead Roadway and Drainage Engineer on this project. His responsibilities were the overall management of the project, roadway design, drainage design, utility coordination, permitting, estimates and the production of construction documents.

Project Manager – Lane Lucas
Project Completion Date – 2007
Project Cost – \$3,500,000

State Road 79 – Steelfield Road to Environmental Road

Florida Department of Transportation, District Three
Bay County, Florida
850-638-0250

References: Mike Melvin, Project Manager (Retired)
J. Scott Golden, District Design Engineer

This project was a 6.5 mile roadway reconstruction project along State Road 79, consisting of the reconstruction of the roadway from a rural, two-lane highway to a divided four-lane highway. The project included crossing of three major creeks and one large creek (Pine Log Creek), which required the construction of three large bridge-culverts and one bridge. Mr. Lucas served as the Project Manager and Lead Roadway and Drainage Engineer on this project. His responsibilities were the overall management of the project, roadway design, drainage design, utility coordination, permitting, estimates and the production of construction documents. In addition, Mr. Marc Neihaus served as Engineer of Record for the bridge over Pine Log Creek.

Project Manager – Lane Lucas
Project Completion Date – 2007
Project Cost – \$13,100,000

Design Group 03-08

SR 189 (Beal Parkway), SR 393 (Mary Esther Cutoff), US 98 at SR 85 West Leg, and SR 85 RRR
Florida Department of Transportation, District Three
Okaloosa County, Florida
850-638-0250

Reference: Lisa Stone, Project Manager

This design group consisted of three RRR projects and one intersection improvement project for the Florida Department of Transportation in Okaloosa County. Mr. Lucas served as project manager and lead roadway design engineer on this group of design projects. SR 189 and SR 393 consisted of urban resurfacing projects, approximately 1.5 miles in length on each project. US 98 at SR 85 West Leg was an intersection realignment project in downtown Fort Walton Beach. SR 85 was a rural, two-lane roadway resurfacing project. Mr. Lucas was responsible for overall management of the projects, roadway design, construction plan and estimate preparation, utility coordination and community awareness.

Project Completion Date – May 2007
Project Cost – \$3,500,000



Roadway Design Current Projects

State Road 10 (US 90) RRR

Florida Department of Transportation, District Three
Jackson County, Florida
850-249-2425

Reference: Dexter Gortemoller, P.E; Gortemoller Engineering

Eutaw Utilities serves as a Subconsultant to Gortemoller Engineering on this resurfacing project for the FDOT in the town of Sneads, Florida. Mr. Lucas of Eutaw Utilities serves as QC manager for this project, with emphasis on roadway and drainage design and plans review.

Roadway and Drainage QC – Lane Lucas
Anticipated Letting Date – January 2012
Estimated Construction Cost – \$1,200,000

State Road 85 RRR

Florida Department of Transportation, District Three
Walton County, Florida
850-249-2425

Reference: Dexter Gortemoller, P.E; Gortemoller Engineering

Eutaw Utilities serves as a Subconsultant to Gortemoller Engineering on this resurfacing project for the FDOT in rural Walton County. The project consists of milling and resurfacing approximately 4.5 miles of rural, two-lane roadway. Mr. Lucas of Eutaw Utilities serves as Drainage Engineer and QC manager for this project.

Drainage Design and QC – Lane Lucas
Anticipated Letting Date – January 2013
Estimated Construction Cost – \$2,500,000



Quality Control Processes

Eutaw believes that Quality Control is not a process that occurs immediately before submittal dates or project completions. At Eutaw, QC is an ongoing activity throughout the design process. We believe that a critical component of the Quality of a project is effective coordination and communication with regulatory agencies. As demonstrated in our projects identified above, we have extensive experience working on projects with significant involvement of other state or regional regulatory agencies. Whether the project is under the jurisdiction of FDOT, a Water Management District or local governmental agencies, we strive to work closely with the regulatory agencies to ensure an appropriate and permissible design is reached the first time.

Eutaw's formal QC process is similar to well-known and widely applied methods used by consultants and industry throughout the country. All studies, plans, specifications, reports, surveys, cost estimates, etc. are prepared and signed by the originator. A peer professional, who is not involved with the project, checks each product for accuracy and completeness. The deficiencies / errors which are found are then returned to the originator for correction. The originator verifies the comment and responds, either through correction or explanation of the situation. The peer professional then reviews the revisions / responses for concurrence. The Project Manager then reviews all checked documents for consistency with the project requirements and technical adequacy.

In addition to our internal Quality Control program, Eutaw will insure that each subconsultant on the team also has appropriate quality control processes in place, and that they are used actively throughout the project.



Available Resources

Our staff utilizes state-of-the-art software coupled with good old fashioned common sense to develop cost effective and efficient solutions to infrastructure projects. We strive to produce construction documents that are complete, accurate, and fully convey the project requirements to the contractor. We work diligently during the design phase to develop workable, affordable solutions that are tailored to meet government needs.

As shown in our projects listed above and resumes for the Eutaw Team, we have a wide range of experience in roadway design projects. From major multi-lane construction to minor intersection improvements, our staff has been responsible for the design of all types of roadway improvements.

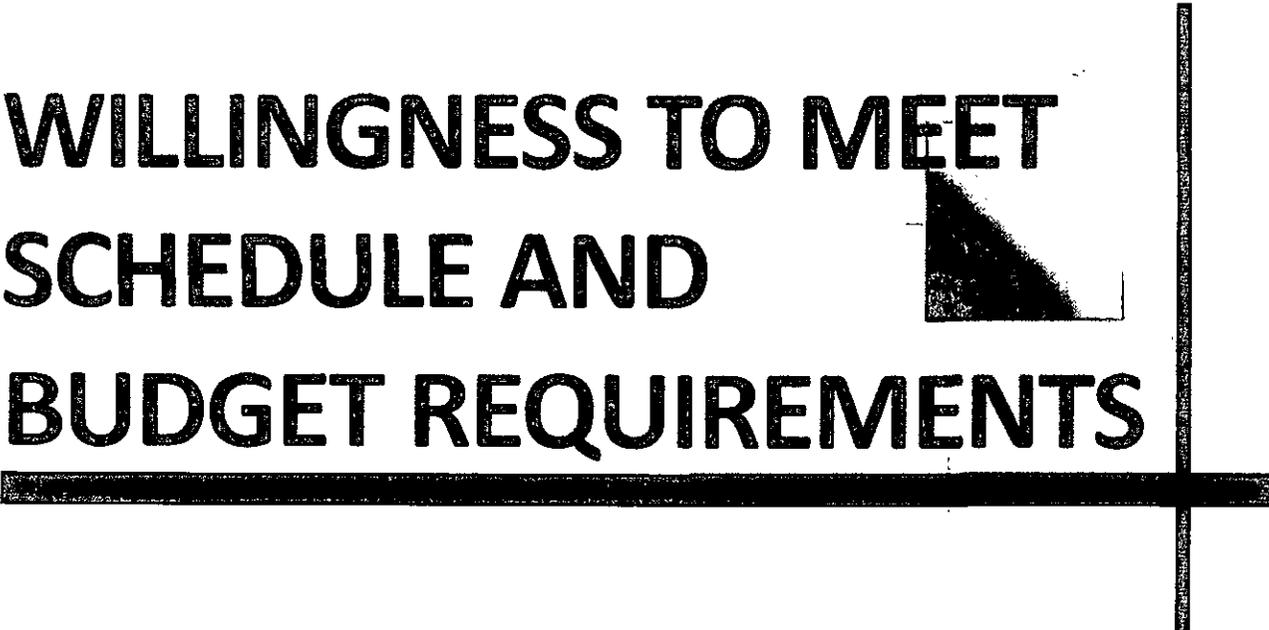
We utilize industry standard guidelines in the development of conceptual, preliminary and final designs, namely the Florida Green Book, the FDOT Plans Preparation Manual, AASHTO Green Book, FDOT Utility Accomodation Manual, and the MUTCD.

To prepare roadway design plans, we utilize AutoCAD Land Desktop software and/or Civil3D.



**Specific Proposal Information
Roadway Design
Section C**

**WILLINGNESS TO MEET
SCHEDULE AND
BUDGET REQUIREMENTS**



Willingness to Meet Schedule and Budget Requirements

Eutaw Utilities has extensive work experience with local and state government infrastructure improvement projects that have fixed project budgets. To ensure that the project budget is not exceeded, we work diligently to assess and estimate the project costs throughout the development of the project design. We perform cost estimates at the conceptual, preliminary, 60%, 90% and 100% stages of the project to ensure that the project budget is being maintained with the design. We work diligently throughout the project design to evaluate the costs and cost-effectiveness of the design alternatives. During the development of the design, we will coordinate our design decisions and recommendations with the County and provide cost implications of the alternatives recommended for the project. Through this ongoing 'value-engineering', we can tailor the project design to meet the needs of the County, while maintaining the budgetary constraints of each project.

We understand the critical time element of many public infrastructure projects. Under this contract, we anticipate smaller, more time sensitive assignments. To ensure that the schedule is achieved, we will work closely at project startup to develop a feasible, critical path schedule. To maintain the schedule, we have weekly progress meetings to ensure that the critical path is being maintained. Where critical elements have been delayed or taken longer than expected, we will communicate with the County, and provide revised schedules that expedite other portions of the project to meet the schedule. When necessary, we will utilize additional project personnel to overcome any schedule delays to ensure that delivery of the project to the County is achieved on time.



Specific Proposal Information
Roadway Design
Section D

**EFFECT OF FIRM'S
RECENT, CURRENT AND
PROJECTED WORKLOAD**

Effect of Firm's Recent, Current and Projected Workload

Many of the projects that Eutaw Utilities has been recently involved with were funded by the American Recovery and Reinvestment Act (ARRA) of 2009. Our staff has been working at a feverish pace over the last year to bring these projects to successful completion. Our work in the City of Alachua and the majority of our utility work in the City of Live Oak should be completed by the end of April 2011.

Our staff, which has been dedicated to bringing our current projects to completion, is ready to continue our high pace of production on task orders for Leon County on this contract. The following projects constitute our anticipated workload when this contract begins in late Spring 2011.

City of Live Oak

Stormwater Projects: By early summer, the current stormwater design projects should be in construction, which will require construction administration services and technical services during construction. Assigned staff include Lane Lucas (5%), Kirk Swanner (25%).

Sewer Rehabilitation: This design-build project is scheduled for completion in November 2011. Eutaw staff will continue to provide construction administration and technical services during construction until the completion of the project. Assigned staff includes Marc Neihaus (5%), Ruby McDuffie (10%).

Water Improvements Phase 2: By early summer, the construction of this project should be approximately 50% complete, with an estimated completion date of August 2011. Assigned staff includes Lane Lucas (5%), Kirk Swanner (10%).

City of Webster

Stormwater Projects: Eutaw Utilities will continue to develop stormwater improvement projects with the City of Webster. As the City Engineer, Eutaw will continue to provide additional miscellaneous design services over the next year. Assigned staff includes Lane Lucas (10%), Marc Neihaus (10%), Matt Hurd (10%), Ruby McDuffie (10%).

Wakulla County

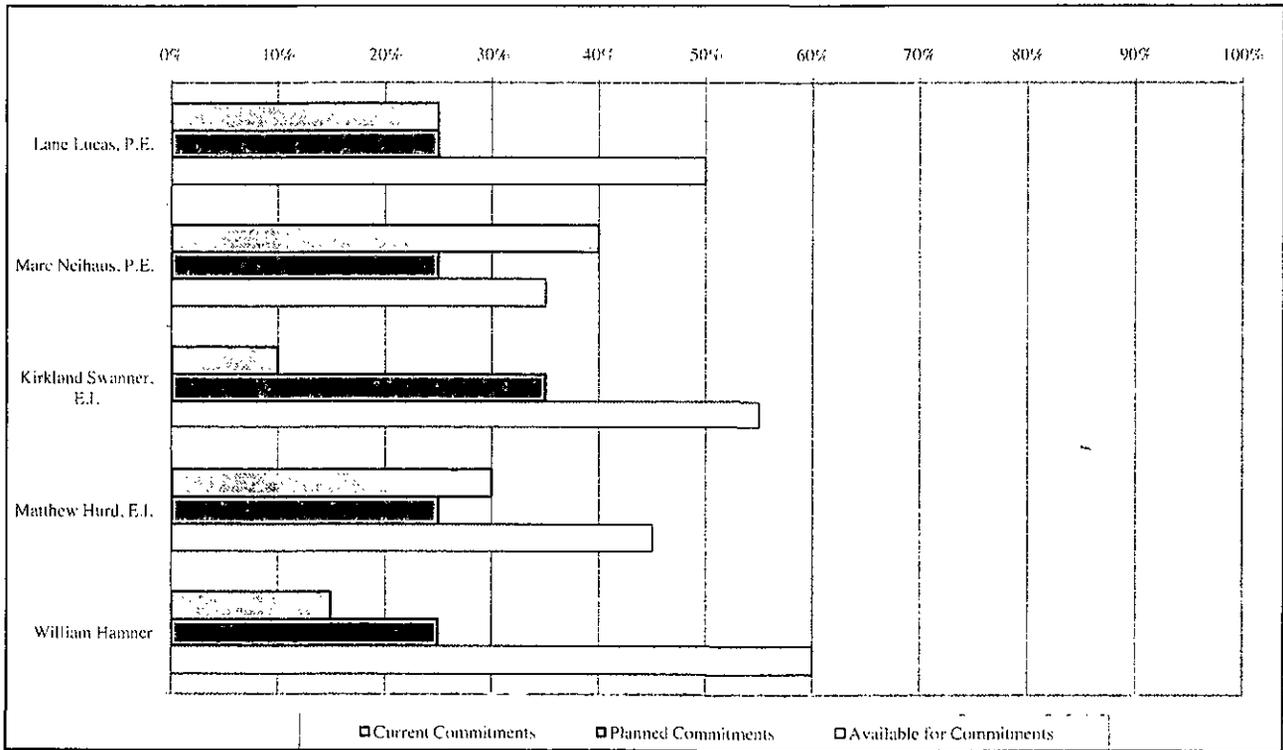
Wastewater Design Services and Services During Construction: Eutaw is currently working with Wakulla County to provide wastewater transmission projects and an upgrade to the County's wastewater treatment plant. These services will continue over the next year and will include both design services and construction administration. Assigned staff includes Lane Lucas (5%), Marc Neihaus (10%), Matt Hurd (15%), William Hamner (25%), Ruby McDuffie (10%), Sandy McCart (5%).

Availability

As shown above, our current workload is winding down, providing more than ample resources to serve Leon County on this contract. Based upon the workload shown above, our staff availability to serve Leon County is shown in the attached graphs.



Staff Availability



Specific Proposal Information
Roadway Design
Section E

**EFFECT OF
PROJECT TEAM
LOCATION**



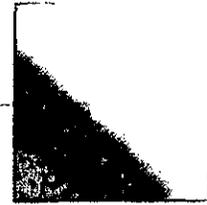
Effect of Project Team Location

Eutaw Utilities is located at 415 St. Francis Street, Unit 114, Tallahassee, Florida 32301. We are approximately 10 minutes from the County's facility on Miccosukee Road and within 30 minutes of any area of Leon County. With our centralized location, we are in position to respond to any project issues that may arise under this contract.



**Specific Proposal Information
Roadway Design
Section F**

**APPROACH TO
THE PROJECT**



Approach to the Project

Eutaw Utilities, Inc. understands the challenges that communities face to meet the needs of their current residents and to plan for future growth of the community. Our goal in a continuing service role is to function as an extension of the Public Work's staff in meeting the needs of the community. For our current clients, we provide engineering services in this manner, as well as assisting in funding, political, and administrative hurdles that projects sometimes encounter. We have been successful in this role for our current clients, and feel confident that we will be able to effectively assist Leon County in meeting its challenges under this contract.

To demonstrate our understanding of the nature of the work and results to be accomplished under this contract, this section discusses the typical Eutaw team approach. Our typical project Approach consists of five major tasks: Project Startup, Conceptual Design, Data Collection, Final Design, and Services During Construction.

Project Startup

For any assignments, Eutaw's Project Manager, Lane Lucas, reviews the work order and determines the team members necessary to complete the project. Team members are chosen to ensure the project is adequately staffed with the right expertise for the assignment. Key staff from each firm and the local government will be organized for an in-depth field review to ensure that all aspects of the scope are understood and correlate to the existing field conditions.

Following the field review, Lane will coordinate with the local staff to ensure that the desired end result is understood and then develop a scope of service that clearly defines the work required to achieve the project goal. The project team will then assemble the required staff hours, project schedule and a project specific quality control plan for submittal to the County's Project Manager.

Conceptual Design

The Eutaw team understands that the success of a project depends upon the quality of decisions made during the early stages of the project. We believe that analysis of all feasible alternatives is mandatory early in the project to guard against design changes, rework and delays to the project. With the wealth of information currently available online and through various state databases, we can compile ample data to develop design concepts for evaluation without expending valuable resources for detailed data collection.

Using the available data, we will explore and evaluate potential alternatives for the project. Following this evaluation, Eutaw will develop and submit a conceptual design package, including preliminary design concepts, cost estimates, and regulatory/permit constraints on the project. The concept design package will be reviewed with the County for concurrence prior to undertaking final design.

Data Collection

As discussed above, we intend to utilize all available information to streamline the data collection efforts on projects in the contract by developing feasible conceptual designs prior to extensive data collection. Through this process, we will be able to eliminate unnecessary data collection efforts, which will improve efficiency, reduce costs and expedite the project schedule.



Once the limits of data collection are established, our team will rely on the experience of Thurman Roddenberry & Associates, Inc. for surveying and mapping services to collect the necessary detailed information for final design. TRA has performed survey and mapping services throughout the Florida panhandle and is very familiar with the needs and requirements for design survey data collection. Thurman of TRA and Lane Lucas of Eutaw have previously collaborated on many projects. Through their experience, TRA and Eutaw will be able to tailor the data collection required and collect the data *in a cost-effective and efficient manner.*

For geotechnical and environmental data collection, the Eutaw Team will rely on the experience and expertise of Environmental and Geotechnical Specialists, Inc. Tom Hayden and Judy Hayden are well known for their professionalism, accuracy and thoroughness. Lane has worked with the EGS staff on many public infrastructure improvement projects and their experience together will provide for efficient, cost-effective data collection on the projects assigned under this contract.

Final Design

During the final design process, we will cultivate the conceptual design into a complete and concise set of Plans and Specifications for bidding of the project. We are committed to utilizing state of the art software to develop and refine project designs, and we couple the information technology with good old fashioned common sense to develop feasible, affordable project designs. We will work closely with the County, utility agencies, regulatory agencies and any interested parties to ensure that the intent of the project is being met with a permissible and constructible design that meets the intent of the project.

We understand that many public improvement projects are dependent on public support and we are committed to work closely with the county and any local groups to provide project information to keep the public informed of the project, its intent and its potential impacts. We understand that community awareness is critical to public support, and therefore the success of the project.

Services During Construction

Eutaw Utilities has extensive experience providing Technical Services During Construction, starting with Bidding public infrastructure projects through Startup and Closeout of the construction phase service. Our staff has been instrumental in administering construction projects for the City of Live Oak, Columbia County, the City of Alachua and the City of Webster. For each of these clients, we have provided thorough SDC services, administering projects with construction costs up to \$20 million dollars.

During this phase of the project, we typically will have an onsite representative designated for the duration of construction. For specific portions of the project, we will provide the required expertise and experience to ensure that the project is constructed in accordance with the plans and specifications and that the contractor is providing quality workmanship for your community's infrastructure improvement.



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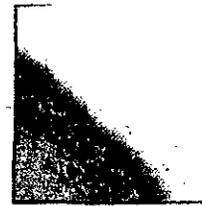
SUBDIVISION & SITE DEVELOPMENT PROPOSAL INFORMATION

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**Specific Proposal Information
Subdivision and Site
Development Engineering
Section A**

**ABILITY OF
PROFESSIONAL
PERSONNEL**



Ability of Professional Personnel

For Site Development task orders issued under this contract, Lane Lucas, P.E. will serve as Project Manager for Eutaw Utilities, Inc. and will be the main point of contact for Leon County staff. Lane has worked for and with Leon County on numerous public and private projects and is well suited to serve as an extension of the County Public Work's staff. While working with another consulting firm, Lane worked closely with County Public Works during the initial evaluation of the Linene Woods Subdivision and as a result is familiar with the requirements and expectations of the County on these types of projects.

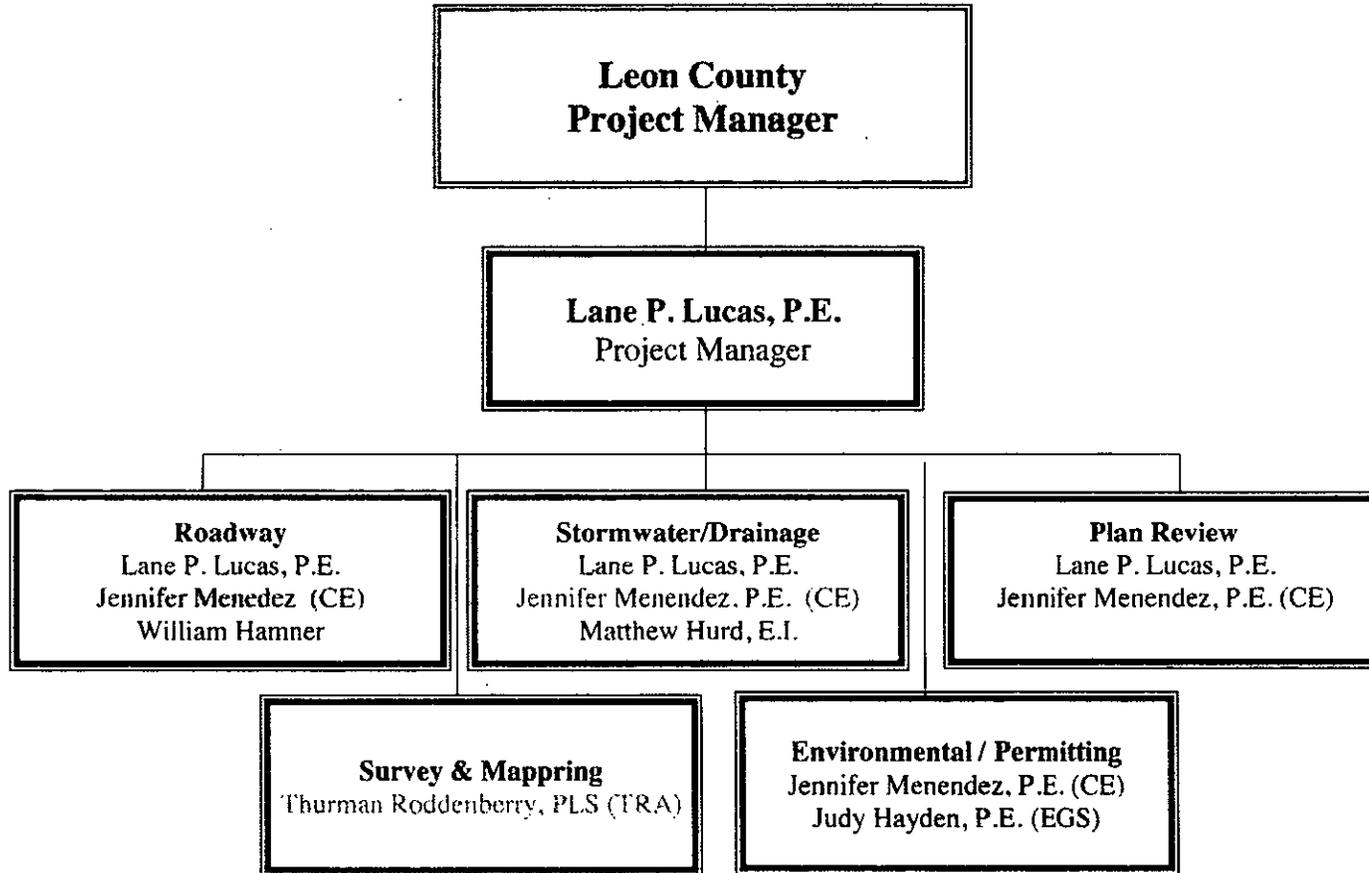
For Site Development related projects, Lane will be the senior engineer in charge of design, project assessments, and the production of construction documents. Lane will be supported by the Eutaw staff, including Matt Hurd, E.I., and William Hamner. Matt and William have experience on numerous public infrastructure improvement projects including site development, roadway, utility, and stormwater improvement projects. In addition, Jennifer Menendez of Catalyst Engineering will be available to provide additional depth and capacity for projects in the Site Development category. Mrs. Menendez has extensive roadway, drainage and site development experience.

In combination, our team is comprised of experienced, knowledgeable and dedicated professionals that are ready, willing and able to serve Leon County on this contract. A staff organizational chart is included.





**Leon County
Civil Engineering Consulting Services
Site Development Services**



Eutaw Utilities Thurman Roddenberry & Associates

ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS**

CATALYST ENGINEERING**

** M/DBE Certified Firm

Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: FE#005655

415 St. Francis St: Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Cell: 850-509-4134
Fax: 888-878-2939
Email: lpl1029@comcast.net

Education:

Bachelor of Civil Engineering; Georgia
Institute of Technology

Professional Certifications:

Florida P.E. #53936
Georgia P.E. #034246

Lane P. Lucas, PE; President

Project Experience

Mr. Lane Lucas, P.E. serves as Director of Engineering and oversees engineering design, project management and overall engineering production for Eutaw Utilities. Mr. Lucas has 16 years of experience in the design and management of public and private infrastructure improvement projects, with an emphasis on roadway and stormwater projects. His experience has been gained through numerous projects for the Florida Department of Transportation, the City of Tallahassee and Leon County. Mr. Lucas takes a hands-on approach to his projects, being involved in the design elements while also taking responsibility for the overall management and success of the projects.

State Road 79 from ICWW to Steelfield Road

State Road 79 from Steelfield Road to Environmental Road

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as Project Manager, Lead Roadway Designer and Lead Drainage Designer for these two adjoining roadway reconstruction projects. The projects included reconstructing the two-lane rural roadway to four-lane divided highway for approximately 11 miles. The project included both rural and urban roadway sections, and included multiple bridge culvert replacements, one bridge replacement and one new bridge construction. Mr. Lucas managed the overall projects and coordinated the numerous project disciplines to result in successful projects for District Three, while also serving as lead roadway and drainage engineer on the projects. Mr. Lucas was responsible for the coordination of the project improvements with the Division of Forestry and worked with that agency to minimize impacts to Pine Log State Forest, which bordered much of the project corridor.

State Road 79 from Back Beach Road to ICWW

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as the Lead Drainage Engineer on this 5 mile rural reconstruction project to convert the existing two-lane roadway to four-lane divided highway. Mr. Lucas was responsible for designing linear drainage system that saved extensive funding by reducing the overall right-of-way requirements and construction costs. Mr. Lucas assumed the Project Manager role for this segment prior to construction and was instrumental during construction to address design and construction issues.

US 98 / Thomas Drive

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as the Lead Drainage Engineer on this three-level, urban interchange design project. Mr. Lucas was responsible for planning, designing, and permitting the drainage system to capture, convey, treat and dispose of stormwater runoff from the project area. During construction of the project, Mr. Lucas worked with the construction personnel to address design and construction issues on the project.

State Road 85 from Bill Lundy Road to CR 85A

Florida Department of Transportation – District Three • Okaloosa County, Florida

Mr. Lucas served as project manager of this four mile rural resurfacing project. The purpose of the project was to rehabilitate the existing two-lane roadway and construct paved shoulders along the roadway. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.

State Road 393 from US 98 to SR 189**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager of this two mile urban resurfacing project. The purpose of the project was to rehabilitate the existing four-lane divided roadway, add numerous turn lanes, and improve ADA accessibility along the roadway corridor. This project was in a heavily commercially developed area of Ft. Walton. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.

State Road 30 at State Road 85 West Leg**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager and lead roadway design engineer for this intersection reconstruction project. The purpose of the project was to realign the intersection of two important roadways in Fort Walton Beach. The project included extensive coordination with adjoining property and business owners. Mr. Lucas was responsible for management, design, coordination, permitting and public involvement on this project.

State Road 189 from US 98 to SR 393**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager of this two mile urban resurfacing project. The purpose of the project was to rehabilitate the existing five-lane roadway, address roadway failures and improve ADA accessibility along the roadway corridor. This project was in a heavily commercially developed area of Ft. Walton. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.

East Park Avenue Roadway Improvement Project**City of Tallahassee • Tallahassee, Florida**

Mr. Lucas served as lead roadway and drainage design engineer of this two mile urban reconstruction project, converting an existing two-lane roadway to a four-lane divided roadway. The project included extensive drainage improvements to address existing drainage problems and to account for the increase of stormwater runoff created by the roadway widening.

Conner Boulevard Roadway Improvement Project**City of Tallahassee • Tallahassee, Florida**

Mr. Lucas served as lead roadway and drainage design engineer of this one mile urban reconstruction / realignment project. The project included realigning and widening two major roadways to provide a single intersection rather than two staggered intersections. Mr. Lucas was responsible for roadway geometric design, utility coordination, drainage and stormwater design and environmental permitting.

SAFE Roadway Improvement Program – Miscellaneous Projects**Leon County • Leon County, Florida**

Mr. Lucas served as lead roadway and drainage design engineer for numerous roadway paving projects under Leon County's SAFE (Stabilization and Asphalt For Everyone), including Old Magnolia Road, Cypress Landing Road, Nabb Road. Mr. Lucas was responsible for roadway geometric design, drainage and stormwater design, and environmental permitting.

City Wide Stormwater Improvement Program**City of Live Oak, Florida • Live Oak, Florida**

Mr. Lucas served as Program and Project Manager for the implementation of various stormwater improvement projects in the City of Live Oak, including Albritton-Houston Drainage, Walker Avenue Drainage, and Sherwood Forest Drainage Improvement Projects. Mr. Lucas was responsible for drainage design, utility coordination, property owner coordination, and construction administration.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PE 005655

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Fax: 888-878-2939
Email: marcneihaus@comcast.net

Education:

B.S. Civil Engineering; Rose Hulman
Institute of Technology
B.S. English Composition Indiana State
University
American Council of Engineering
Companies (ACEC), Senior Executive
Institute
Graduate level Hydraulic Analysis;
Purdue University
Graduate level Structural Design;
Florida State University

Professional Certifications:

Professional Engineer: Indiana, Florida
and Tennessee
Licensed Pilot
Former Intelligence Officer with top
secret clearance, O-3, Lieutenant U.S.
Naval Reserve

Marc E. Neihaus, PE

Vice President

Well-credentialed Professional Engineer with more than twenty years experience as a successful entrepreneur and senior corporate executive leading management of a broad variety of major engineering projects in the public, commercial, and municipal sectors. Proactive. Results driven. Strong administrative proficiencies ensure effective project execution throughout the entire life cycle.

Expansive portfolio of expertise includes waste water treatment, water utility systems, urban roadways and bridges, structural design, and commercial and residential construction. Demonstrates boundless motivation, exceptional initiative, and far-reaching capacity for taking charge of multiple, concurrent work loads with a keen focus on producing superior results in line with business objectives, budgets, and timelines. Extensive qualifications in the following competencies:

- Engineering Management
- Regulatory Compliance
- Startup Operations & Turnarounds
- Procurement & Sourcing
- Financial Planning & Cost Management
- Environmental Assessment
- Project Management & Implementation
- Contract Negotiations & Closing

Eutaw Utilities, Inc, Tallahassee, FL

2003-Present

Provides engineering consulting services primarily for the funding, design, and construction of water management and waste water treatment facilities.

VICE-PRESIDENT / CO-FOUNDER

Created and leads a 5 employee consulting engineering company with the unique business model of identifying and securing funding for clients' projects, and concurrently designing and administering all construction.

- Developed business to >\$1.3M in revenue in only 4 years.
- Secured and administered > \$25M in grant funds for clients.
- Orchestrated > \$4M in direct legislative appropriations to help fund many of our major projects.
- Provided construction services and administration for > \$40M in water utility construction projects since 2007.
- Served as Engineer of Record (EOR) for two 1.5 MGD waste water treatment plants (WWTP).
- Oversaw the construction administration for three WWTPs valued at > \$24M.
- Designed and managed the construction administration for 23 miles of waste water collection lines, 25 lift stations and 20 miles of force mains.
- Spearheaded the design of > 15 miles of potable water mains, and the design/build of public potable well fields, multiple water management/conveyance systems, holding ponds (lined and unlined), spillways, and other hydraulic structures.

Baskerville-Donovan, Inc, Tallahassee, FL

1995-2003

Engineering consulting firm supporting the design and construction of major water utility and roadway projects

VICE PRESIDENT, REGIONAL OFFICE MANAGER (2000-2003)

PROJECT MANAGER (1996-2000)

DESIGN ENGINEER (1995-1996)

Provided extensive roadway and structural design services as well as comprehensive staff oversight for all projects. Spearheaded the complete turnaround of company's underperforming projects to ensure client satisfaction and retention. Voluntarily assumed management of a major failing project and brought it to completion, avoiding a potentially litigious situation.



- Served as Engineer of Record for > \$21M adjoining urban road projects through downtown Tallahassee.
- Lead structural designer for a 1200-foot pre-stressed concrete Pensacola fishing pier utilizing a unique break away deck system as well as unconventional pile geometry.
- Successfully completed numerous storm water modeling studies and designs in conjunction with municipal and private infrastructure development.
- Served as Lead Geometric Roadway Design Engineer for multiple County projects and Lead Structural Design Engineer for a two span replacement bridge near Miami.
- Assigned as Lead Design Engineer and Engineer of Record for two, three span replacement bridges on State Road 79, Bay County Florida.
- Designed an at-grade bridge spanning a three hundred foot weir urban wetland, connected to a flume system and a buried conveyance system. All were structurally integrated and supported through an extensive pile foundation.

Indiana Department of Transportation, Terre Haute, IN

1993-1995

PROJECT ENGINEER

One of two construction managers for a \$7.7M project to rebuild two bridges and reconstruct 8 miles of 4-lane highway. Provided comprehensive design of new and reconstruction projects for state, interstate highways, and interchanges.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PE 007633

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Education:

Bachelor of Civil Engineering; Florida State University
Bachelor of Arts - History; Virginia Commonwealth University
Advanced Engineering Drafting
Diploma; Maryland Drafting Institute

William D. Hamner

Design Engineer

Experience

Mr. Hamner has 12 years of experience as both an Engineer and a Civil Engineering Technician and has been with Eutaw Utilities since 2005. Since coming to Eutaw Utilities, he has been extensively involved in both the design and production of public infrastructure improvement projects around the State of Florida. His primary responsibilities include Design, Plans Production and Review, writing and obtaining permits from various local and state organizations, Project Management, and providing Engineering Services During Construction (SDC). He is recognized by his peers and the FSU staff as one of the most knowledgeable operators of AutoCAD & Autodesk Land Development Desktop.

Some of the projects Mr. Hamner is currently working on include: Providing Engineering SDC on a \$20 Million Waste Water Treatment Plant (WWTP) Upgrade for the City of Alachua; Design and Engineering SDC for a \$10 Million Upgrade to an existing WWTP in Wakulla County, FL. In addition, Mr. Hamner designed a Gravity Sewer System and Forcemain for the City of Webster, FL; has worked on Stormwater Design and Analysis for the City of Live Oak; Provided Engineering

SDC for an \$12 Million Waste Water Treatment Plant in the City of Live Oak, FL; Design Engineer for the Wakulla County Force Main down Lower Bridge Road and participation on the design of the Gravity Sewer lines within Wakulla Gardens. Mr. Hamner was the Site Design Engineer for the City of St. Marks park restoration projects and Columbia County's Wastewater Treatment Plant and Water Well Site. Mr. Hamner was also responsible for the Drinking Water Service System design for Columbia County.

Roadway/Transportation

Mr. Hamner's Roadway/Transportation experience has been gained through numerous projects for the City of Tallahassee and Leon County. These projects included designing new roads and the widening/ realignment of existing roads in both urban and rural environments. Mr. Hamner was extensively involved in all aspects of the design process and plans production for these projects. His responsibilities included, plans production, horizontal and vertical profile design, underground utility placement, signing and pavement marking, and signalization. In addition, Mr. Hamner has been responsible for the roadway design and infrastructure of many neighborhoods in and around the City of Tallahassee.

Stormwater Analysis/Design

Mr. Hamner has worked on the design of numerous stormwater retention ponds and stormwater conveyance systems. These projects include designing ponds for various neighborhoods, apartment complexes, and commercial projects of various sizes. In addition, he has worked on the analysis and upgrades to existing stormwater conveyance systems for both the City of Tallahassee and the City of Live Oak.

Sanitary Sewer Design

Mr. Hamner has an extensive amount of experience designing both Gravity Sanitary Sewer and Forcemain systems. He was responsible for the design and plans production for 6.5 linear miles of gravity Sanitary Sewer throughout the City of Webster, FL. In addition, he designed 12.4 miles of Reuse Water Forcemain along US HWY 90 for the City of Live Oak to connect to a new Florida Department of Corrections Facility in Suwannee County, FL. In Wakulla County, FL, He is responsible for the design of 13.5 miles of Sanitary Sewer Forcemain, and an additional 6.2 miles of Reuse Water Forcemain. Along with being the design engineer on these projects, Mr. Hamner served as the on-site project manager for several of them.

Waste Water Treatment Plant

Mr. Hamner has been extensively involved in the both the design, project management, and providing Engineering SDC of the upgrades to the City of Live Oak WWTP, the City of Alachua WWTP, and the Wakulla County WWTP at Otter Creek. In addition, He was one of the lead designers on a WWTP in Columbia County.

Drinking Water Well Field and Service Main

Mr. Hamner designed a Drinking Water Well Field Site in Columbia County, FL and provided Engineering SDC during its construction.



Eutaw Utilities, Inc.

Certificate of Authorization #9261
Georgia Registration: PE 002833

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: matthurd5@yahoo.com

Education:

Bachelor of Civil Engineering; Florida
State University

Matthew W. Hurd, EI;

Staff Engineer

Mr. Hurd joined the Eutaw team in 2007. Mr. Hurd provides engineering GIS and CAD support for the design process. His most recent projects include:

- Design of approximately 75,000 LF of sanitary force main line and 3 pumping stations in Wakulla County
 - Design and construction supervision of 30,000 LF of reclaimed water line in Wakulla County
 - Design of 77,000 LF of gravity sewer lines and 12 pumping stations for Wakulla County
-
- Design of 23,500 LF of potable water lines for the city of Ellisville
 - Stormwater analysis for the City of Live Oak
 - Water line design in Suwannee City consisting of 65,000 LF of distribution lines with laterals, fire hydrants and appropriate inter-connects for 850 service connections
 - Lift station redesign and improvements for the St. Marks FEMA Disaster Grant project.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PLE005635

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Cell: 850-566-5528
Email: jewelvision@hotmail.com

Education:

Bachelor of Science - Architecture;
Florida A&M University
Associate of Arts - Business Adminis-
tration; Florida A&M University

Ruby D. McDuffie

Engineering Contracts Administrator

Ms. McDuffie has over 17 years of strategic design and problem solving experience. Her experience working with local, state, and federal governmental agencies has given her a broad understanding of program planning. Working with clients, Ms. McDuffie has been involved in solution engineering consultation and programming, analysis, schematic design, component systems coordination, research, design development, "shovel-ready" project documents, specifications, materials research, document checking and coordination, office implementations, site implementations, project and office management, database design and implementation, and cost research and analysis. Her educational background and work experience enables her to communicate between clients and engineers at various depths of understanding.

With Eutaw Utilities, Ms. McDuffie serves as a construction administrator, grant administrator, and client consultant. She is able to work with clients from project conception to completion and help them find funding sources and track those funds according to the requirements of the funding agencies. She has experience maintaining "audit-ready" files and record keeping Davis-Bacon documents, which include project site Labor Standards Interviews and ARRA Job Reports. She has experience preparing disbursement requests and documentation for funding source agreements.

She is able to patiently explain difficult concepts to municipal and private sector officials to allay concerns and to facilitate agreements. Ms. McDuffie has worked with clients throughout the state of Florida, Alabama, Washington, D.C. and South Carolina on various community revitalization and improvement projects and has received award recognition for her unique project contributions.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: FE005655

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Cell: 850-320-5535
Email: sandymccart@yahoo.com

Education:

AA Science and Technology; Purdue University

Sandy L. McCart

Administrative Manager

Eutaw Utilities, Inc was formed with the goal of bringing unique people and disciplines to produce the most cost effective and creative results for their clients. Ms. McCart has a wide variety of administration experience, working for both public and private sector entities. She offers over 18 years of experience in accounting, office management and human resources.

Ms McCart has been with Eutaw Utilities since 2007. She has proven her ability to provide a comprehensive approach, utilizing numerous funding programs to realize the total project potential. Her experience in administering programs for numerous national and international projects gives her the ability to work with active citizen groups and developing a plan to best suit their individual needs.

Working closely with Eutaw Staff, Ms. McCart has assisted in the development of several facility plans including wastewater treatment plants, potable water facilities, and stormwater design projects.

Ms. McCart's planning experience has given her the ability to provide flexibility to local governments working within the boundaries of promulgated rules and requirements. Her attention to detail ensures project compliance in preparing grant applications and documentation for individual projects. She serves GAC's clients as an administrative manager of program compliance in preparing loan and grant applications, research of funding opportunities and documentation of individual projects.

Her ability to quickly obtain a working knowledge of the application procedures for a number of funding agencies including CDBG, DSCG, FRDAP, Legislative Appropriations, SRF, and others, has made her an invaluable asset to the team.

Software Experience:

Microsoft Word, Excel, Powerpoint, Pagemaker 6.5, Quark Xpress, Adobe Photoshop; InDesign; Illustrator, Acrobat, ArcGIS 9.0



OUTSIDE CONSULTANTS

Environmental and Geotechnical Specialists, Inc.

Tom Hayden, P.E.

Judy Hayden, P.E.

*Environmental Assessments and Permitting
Geotechnical Exploration, Analysis and Design
Tallahassee, Florida*

Catalyst Engineering, LLC.

Jennifer Menendez, P.E.

*Roadway Design Support
Drainage / Stormwater Design Support
Tallahassee, Florida*

Thurman Roddenberry and Associates, Inc.

Thurman Roddenberry, PLS

*Topographic Survey and Mapping Services
Sopchoppy, Florida*



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E. Environmental Engineering

Professional Credentials

Bachelor of Science, Education, University of Dayton, 1971
Bachelor of Science, Civil Engineering, Oklahoma State University, 1977
Master of Science, Civil Engineering, Kansas State University, 1979
Professional Engineer in Florida

Professional Organizations

American Society of Civil Engineers, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter
Florida Engineering Society, Past President of Big Bend Chapter, 2007 Engineer of the Year of Big Bend Chapter, Elected Fellow
American Public Works Association
National Society of Professional Engineers
Florida A&M University / Florida State University, Civil Engineering Advisory Committee

Special Qualifications

- Over 25 years of environmental design and permitting experience, including natural features, wetland delineation, environmental impact, and environmental management
- Highly-skilled at regulatory agency coordination
- Familiarity of Leon County, City of Tallahassee, and Florida Department of Environmental Regulation Permitting Requirements

Years Experience with EGS: 16

Years Experience with Other Firms: 12

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3 , Chipley, FL – Serves as project manager to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the environmental permitting for transportation projects, park and recreational facilities, and other public works projects. In addition, the services have included numerous Phase I Environmental Site Assessments for land acquisition.

EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E.

Relevant Experience, cont.

Leon County, Department of Public Works, General Service Contract, Leon County, FL - Served as project manager for the environmental permitting for the construction of roadways, parks and utility easements. In addition, Phase I Environmental Site Assessments investigating the potential of contamination have been conducted for the Department prior to land acquisition.

Blair Stone Parkway Corridor Study and Design, City of Tallahassee, Department of Public Works - Project manager for the environmental investigation for the corridor study and the design of Blair Stone Parkway from Park Avenue to Capital Circle NE. The project included the Cultural Resource Analysis for significant archeological and historical sites within the proposed roadway extension in accordance with the National Historic Preservation Act. The services also included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the City of Tallahassee, Department of Growth Management, Environmental Division.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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 prepare the Natural Features Inventory Permit and participated in numerous public workshops.

McKeithen Road, City of Tallahassee - Conducted the environmental investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included preparation of the Natural Features Inventory and the Environmental Impact Analysis Report and Maps.

Eastern Transmission Line, City of Tallahassee - Conducted the environmental investigation for the installation of a new electric utility which will include both above ground and under ground installation. The services included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, the City of Tallahassee Growth Management Department and the Leon County Growth Management Department. In addition, the services included a review and approval from the Canopy Road Advisory Committee.

SR 261 (Capital Circle SE), Leon County, Blueprint 2000 & Beyond - Completed the environmental permitting for the widening of Capital Circle from two lanes to 4 lanes from Tram Road to Woodville Highway. The widening design included recommendations for lane additions and stormwater treatment facilities to minimize impact to the natural features within the area. It also included the permitting and relocation of the endangered gopher tortoise species.

EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Thomas H. Hayden, P.E.
Geotechnical Engineering

Professional Credentials:

Bachelor of Science, Civil Engineering, University of South Florida, 2003

Professional Engineer in Florida

Professional Organizations:

American Society of Civil Engineers – 2008 President Tallahassee Chapter – 2008-2010 FAMU/FSU College of Engineering Student Chapter Liaison – 2009 Young Engineer of the Year

Florida Engineering Society – 2008-2009 K-12 Education Committee - 2006-2008 Math Counts Committee – 2009 Florida Engineering Leadership Institute Graduate

Geotechnical Materials Engineers Council

Special Qualifications:

- Over 10 years of Geotechnical design and investigation experience, including roadway studies, stormwater design, pavement design, and materials engineering
- Familiarity of FDOT Geotechnical Standards
- CTQP/ACI Certifications: Aggregate Field and Laboratory Testing Technician, Asphalt Plant Technician – Levels I and II, Field Sampler Technician, LBR Technician, Concrete Field Technician – Levels I and II, Concrete Laboratory Technician – Level 1, Quality Control Manager, Concrete Transportation Construction Inspection, Advanced Maintenance of Traffic Inspector and FDEP Erosion Control Inspector

Years Experience with EGS: 7; Years experience with other firms: 3

Relevant Experience:

GPI Southeast, Inc., Proposed Longleaf Development, Stormwater Treatment Facilities, Wakulla County, FL – Performed subsurface investigation of the proposed Longleaf Development. Provided client with subsurface conditions, encountered groundwater and estimated “normal” seasonal high groundwater, design infiltration rates, and anticipated construction considerations.

Carollo Engineers, Lake Bradford Road Wastewater Treatment Facility, Tallahassee, FL – Performed subsurface investigation of the proposed roadway and parking improvements at the Lake Bradford Wastewater Treatment Facility. Provided the client with design and reuse recommendations for each material STRATA encountered throughout project.

Florida Department of Transportation, District 3, SR 97 Pavement Core and Condition Survey, Escambia County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 97 in Escambia County, Florida. Provided the District with the types of pavement failure encountered, anticipated construction considerations, and design recommendations.

Florida Department of Transportation District 3, SR 61 Pavement Condition Survey and Design, Leon County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 61 (North Monroe Street) at the proposed Lake Jackson Eco-Passage. Provided the client with compaction characteristics of the existing embankment material as well as design recommendations for the proposed pavement.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E. Geotechnical Engineering

Professional Credentials

Bachelor of Science, Civil Engineering, Tri-State University, 1974
Master of Science, Civil Engineering, Oklahoma State University, 1975
Doctor of Philosophy, Civil Engineering, Oklahoma State University, 1978
Professional Engineer in Florida
General Contractor in Florida

Professional Organizations

American Society of Civil Engineers, Past Vice-President of North Florida Section, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter
Florida Engineering Society, Past Vice-President of North Florida Region, Past President of Big Bend Chapter, Elected Fellow, Past Engineer of the Year of Big Bend Chapter
American Society of Transportation Engineers
American Public Works Association
National Society of Professional Engineers
Transportation Research Board (National Academy of Sciences), Past National Committee Chairman
Florida A&M University / Florida State University, Chairman of Civil Engineering Advisory Committee
Leon County Board of County Commissioners, Serves on Science Advisory Committee

Special Qualifications

- Over 30 years of Geotechnical design and investigation experience, including roadway studies, bridge designs and groundwater control
- Highly-skilled consensus builder on controversial projects
- Familiarity of FDOT Geotechnical Standards
- Familiarity of Construction Requirements and Techniques

Years Experience with EGS: 16

Years Experience with Other Firms: 16

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3, Chipley, FL – Provides miscellaneous services to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks

EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E.

Relevant Experience, cont.

have included the *Geotechnical analysis* for the design life of existing culverts, culvert extensions, mast arm installation, slope evaluations, base failures, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.

Leon County, Department of Public Works, General Service Contract, Leon County, FL – Provides miscellaneous services to Leon County under a General Service Contract. The tasks have included the Geotechnical analysis for stormwater management facilities, karst impacts, slope stability, lane additions, base failures and retaining wall design.

Blair Stone Boulevard Extension North, City of Tallahassee Public Works Department, Tallahassee, FL – Project manager for the Geotechnical investigation for the roadway extension of Blair Stone Road from Park Avenue to Capital Circle North East. The investigation included the analysis of subsoils for lane additions, culvert installations, storm sewer installation, and retaining wall installation. Also included was the Geotechnical investigation for the construction of a bridged section over a wetland area, the slope stability analysis of an embankment area, and a limited contamination assessment within the limits of the project. The project included participation with a Citizens Advisory Team during the initial corridor study for this project.

Capital Circle Widening Project, City of Tallahassee, Leon County, Blueprint 2000 and Beyond – Conducted the geotechnical investigation for the widening of 5 segments of Capital Circle. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, and stormwater treatment facilities.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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.

Orange Avenue Widening, Leon County Public Works Department, Leon County, FL - Served as project manager for the Geotechnical investigation for the widening of Orange Avenue from South Monroe Street to Blair Stone Road. The widening project included the addition of two additional lanes with a center grassed median. The existing adjacent stream has been designed to be rerouted through over 2,000 feet of box culverts placed under the roadway. The Geotechnical investigation also included a noise barrier wall design, mast arm installation and groundwater analysis for stormwater treatment and attenuation.



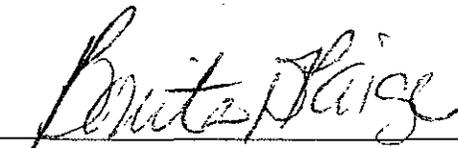


This certifies that
**ENVIRONMENTAL AND GEOTECHNICAL
SPECIALTIES, INCORPORATED**
is recognized as a
Minority/Women-Owned Business Enterprise
under the
**City of Tallahassee and Leon County
Consortium Interlocal Agreement**

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



MBE Administrator



Certification Specialist

Jennifer L. Menendez, P.E.

Education: Bachelor of Science in Civil Engineering, University of Florida
Registration: Professional Engineer, Florida. Registration No.: 68431
Years of Experience: 7

Mrs. Menendez has gained a wide range of project experience in both the public and private sectors. In the area of private land development, she has designed and permitted commercial site plans and residential subdivisions in Leon County, Franklin County, Tallahassee and many surrounding municipalities. For the Florida Department of Transportation, she has had the opportunity to work on rural and urban multi-laning projects, a new alignment project, and a resurfacing project. Other public sector experience includes providing utility design, bid administration and project reviews for the City of Carrabelle, a research project pertaining to model selection methods for bridge hydraulics, and a portion of an extended PD&E Study on Capital Circle for Blueprint 2000.

**Safe and Sound Bridge Improvement Project for Missouri Highways and Transportation Commission
Missouri Department of Transportation**

Engineer responsible for hydraulically modeling four bridges and recommending design conditions. Also responsible for quality control of many of the other bridges.

Providence Neighborhood Improvements**City of Tallahassee – Leon County**

Drainage Engineer for sidewalk addition and conversion to curb and gutter. Responsibilities included drainage design and permitting.

George L. Sands Memorial Park Stormwater Management Facility**City of Carrabelle – Carrabelle, Florida**

Engineer for a wet detention facility retrofit project to add treatment and attenuation in the City of Carrabelle. Responsibilities included site planning coordination with the City, permitting, wet detention facility design, landscaping, basin modeling and bid administration

State Road 83 from South of I-10 to South of US 90 (RRR)**FDOT District 3 – Walton County**

Engineer for Resurfacing, Restoration and Rehabilitation project. Responsibilities included pavement design, ADA compliance, maintenance of traffic, utility coordination, public involvement, plans production and electronic delivery.

State Road 83 from US 98 to the Choctawhatchee Bay Bridge**FDOT District 3 – Walton County**

Drainage Engineer for 4.7 mile urban multi-laning project. Responsibilities included drainage design, permitting, and community awareness.

State Road 83 from the Choctawhatchee Bay Bridge to South of State Road 20**FDOT District 3 – Walton County**

Drainage Engineer for 5.1 rural multi-laning project. Responsibilities included pond siting, bridge hydraulics, drainage design and community awareness.

NCHRP Research Project #24-24 – Criteria for Selection Hydraulic Models**Transportation Research Board**

Research team compared 1D and 2D bridge models for varying channel and bridge geometries, then recommended criteria for whether to use a 1D or a 2D model. Responsibilities included creating the 1D models.

Bridge Hydraulics Class**FDOT/FICE**

Taught the HEC-RAS based bridge modeling class with Shawn McLemore for 2005-2006.



Certifies that

Catalyst Engineering, 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

December 9, 2010 to December 8, 2012

Iranetta J. Dennis, Leon County MWSBE Director

Thurman Roddenberry and Associates, Inc. 850-962-2538

125 Sheldon Street
P.O. Box 100
Sopchoppy, Florida 32358-0100
850-962-2538 Fax: 962-1103

Thurman_TRA@Earthlink.net

FIRM PROFILE

Professional Leadership Team:

JAMES THURMAN RODDENBERRY

(Mobile: 850-251-7588)

- Established company in 1990 with 15 years prior surveying experience
- Registered Surveyor and Mapper since 1986
- Developed business from a 2 man operation to 23 employees at its peak.
- President of Corporation and overseer of entire operation

ROBERT BOEN STRICKLAND

- Graduated Faulkner College in 1992
- Registered Surveyor and Mapper 2001
- Supervises Field Operations

ROBERT DUANE RODDENBERRY

- Graduated Florida State University 1992
- Registered Surveyor and Mapper 2001
- Supervises CAD operations

CHARLES REVELL

- Registered Surveyor and Mapper 2003
- Assistant Field Supervisor

SUPPORT TEAM:

- 2 full time Auto Cadd Operators
- 1 Secretary
- Global Positioning Systems (GPS) capabilities.
3 available Field Crews with personnel and equipment capable of
Expanding to 4 crews (if necessary)



SAMPLE WORK HISTORY:

- **"M" Inc. of Tallahassee** / Construction layout work on major infrastructure projects including as-built surveys of several schools in Leon County / worked from 1990 up to present.
- **Cliff Lamb and Associates, Inc.** / Large subdivision projects, including: Boundary surveys, topographical surveys, design and monumentation, construction Layout / worked since 1995 up to present.
- **Premier Construction and Design and Sandco** / Large subdivision projects including: Topographical surveys, design and monumentation, and construction layout and as-built surveys including several schools in Leon County, FL.
- **Inovia** / Large subdivision projects including: topographical surveys, Design and monumentation, and construction layout / since 2000 to present.
- **Pine Coast Realty** / 15,000 acres in Franklin County & Liberty County / Surveyed and divided into 40 acre or larger tracts (Old Alberta Crate land)
- **Piney 'Z'** / 800 acre subdivision in Leon County / developed into approximately 800 lots
- **Banks, Realtors and Individual Clients** / Mortgage surveys, topographical Surveys, flood elevation certifications, land division surveys etc.

SCOPE OF WORK:

- Full service surveying and mapping company specializing in boundary surveys Topographical surveys, subdivision design and layout, construction layout and Survey related work to aid engineering projects.

Completed Projects

Centerville – A Conservation Community

Conservation Community Group, LLC

Leon County, Florida

850-567-8900

Reference: Kent Deeb, Project Administrator

This project was a 1,000 acre conservation subdivision within the Bradfordville Study Area. Lane Lucas, while with another consulting firm, was responsible for the planning, design, permitting and construction administration of the roadway and stormwater management system for this expansive subdivision in this highly regulated portion of Leon County. Mr. Lucas was involved in the planning of the development and oversaw the project moving through the development review process with Leon County.

Project Manager – Lane Lucas

Drainage Design Engineer – Lane Lucas

Completion Date: April 2006

Construction Cost - \$5,500,000

Linene Woods Subdivision Evaluation

Leon County Public Works

Leon County, Florida

850-606-1500

Reference: Kim Wood, Director of Engineering Coordination

While with another consulting firm, Lane Lucas worked with Leon County Public Works staff in the evaluation of the Linene Woods subdivision off of Lakeshore Drive north of Tallahassee. Mr. Lucas performed the initial inventory and assessment of the subdivision's infrastructure for the County's 2/3 program. Mr. Lucas worked with staff to evaluate portions of the infrastructure which did not meet County standards and to develop conceptual alternatives for the substandard infrastructure that required upgrading.

Project Manager – Lane Lucas

Project Completion – March 2008

Project Cost – N/A

Current Projects

Eutaw Utilities, Inc. is not currently under any contracts for current subdivision and/or site development projects.



Quality Control Processes

Eutaw believes that Quality Control is not a process that occurs immediately before submittal dates or project completions. At Eutaw, QC is an ongoing activity throughout the design process. We believe that a critical component of the Quality of a project is effective coordination and communication with regulatory agencies. As demonstrated in our projects identified above, we have extensive experience working on projects with significant involvement of other state or regional regulatory agencies. Whether the project is under the jurisdiction of FDOT, a Water Management District or local governmental agencies, we strive to work closely with the regulatory agencies to ensure an appropriate and permissible design is reached the first time.

Eutaw's formal QC process is similar to well-known and widely applied methods used by consultants and industry throughout the country. All studies, plans, specifications, reports, surveys, cost estimates, etc. are prepared and signed by the originator. A peer professional, who is not involved with the project, checks each product for accuracy and completeness. The deficiencies / errors which are found are then returned to the originator for correction. The originator verifies the comment and responds, either through correction or explanation of the situation. The peer professional then reviews the revisions / responses for concurrence. The Project Manager then reviews all checked documents for consistency with the project requirements and technical adequacy.

In addition to our internal Quality Control program, Eutaw will insure that each subconsultant on the team also has appropriate quality control processes in place, and that they are used actively throughout the project.



Available Resources

Our staff utilizes industry standard software coupled with good old fashioned common sense to develop cost effective and efficient solutions to infrastructure projects. Under this category of work, we anticipate the need to develop project evaluations, similar to the Linene Woods project discussed above. For inventory and assessment on these types of projects, we have ArcGIS and AutoCAD capabilities to assemble available topographic information into project basemaps. By utilizing the wealth of available data in Leon County, we will be able to minimize the overall project costs to the County during the inventory and assessment phase. For detailed design of infrastructure improvements, we will utilize AutoCAD Land Desktop for plan production. For detailed drainage/stormwater design tasks, we are very familiar with ICPR, Hydraflow, HY-8, and other stormwater design packages.



Specific Proposal Information
Subdivision and Site
Development Engineering
Section C

**WILLINGNESS TO MEET
SCHEDULE AND
BUDGET REQUIREMENTS**

Willingness to Meet Schedule and Budget Requirements

Eutaw Utilities has extensive work experience with local and state government infrastructure improvement projects that have fixed project budgets. To ensure that the project budget is not exceeded, we work diligently to assess and estimate the project costs throughout the development of the project design. We perform cost estimates at the conceptual, preliminary, 60%, 90% and 100% stages of the project to ensure that the project budget is being maintained with the design. We work diligently throughout the project design to evaluate the costs and cost-effectiveness of the design alternatives. During the development of the design, we will coordinate our design decisions and recommendations with the County and provide cost implications of the alternatives recommended for the project. Through this ongoing 'value-engineering', we can tailor the project design to meet the needs of the County, while maintaining the budgetary constraints of each project.

We understand the critical time element of many public infrastructure projects. Under this contract, we anticipate smaller, more time sensitive assignments. To ensure that the schedule is achieved, we will work closely at project startup to develop a feasible, critical path schedule. To maintain the schedule, we have weekly progress meetings to ensure that the critical path is being maintained. Where critical elements have been delayed or taken longer than expected, we will communicate with the County, and provide revised schedules that expedite other portions of the project to meet the schedule. When necessary, we will utilize additional project personnel to overcome any schedule delays to ensure that delivery of the project to the County is achieved on time.



Specific Proposal Information
Subdivision and Site
Development Engineering
Section D

**EFFECT OF FIRM'S
RECENT, CURRENT AND
PROJECTED WORKLOAD**

Effect of Firm's Current, Recent and Projected Workload

Many of the projects that Eutaw Utilities has been recently involved with were funded by the American Recovery and Reinvestment Act (ARRA) of 2009. Our staff has been working at a feverish pace over the last year to bring these projects to successful completion. Our work in the City of Alachua and the majority of our utility work in the City of Live Oak should be completed by the end of April 2011.

Our staff, which has been dedicated to bringing our current projects to completion, is ready to continue our high pace of production on task orders for Leon County on this contract. The following projects constitute our anticipated workload when this contract begins in late Spring 2011.

City of Live Oak

Stormwater Projects: By early summer, the current stormwater design projects should be in construction, which will require construction administration services and technical services during construction. Assigned staff include Lane Lucas (5%), Kirk Swanner (25%).

Sewer Rehabilitation: This design-build project is scheduled for completion in November 2011. Eutaw staff will continue to provide construction administration and technical services during construction until the completion of the project. Assigned staff includes Marc Neihaus (5%), Ruby McDuffie (10%).

Water Improvements Phase 2: By early summer, the construction of this project should be approximately 50% complete, with an estimated completion date of August 2011. Assigned staff includes Lane Lucas (5%), Kirk Swanner (10%).

City of Webster

Stormwater Projects: Eutaw Utilities will continue to develop stormwater improvement projects with the City of Webster. As the City Engineer, Eutaw will continue to provide additional miscellaneous design services over the next year. Assigned staff includes Lane Lucas (10%), Marc Neihaus (10%), Matt Hurd (10%), Ruby McDuffie (10%).

Wakulla County

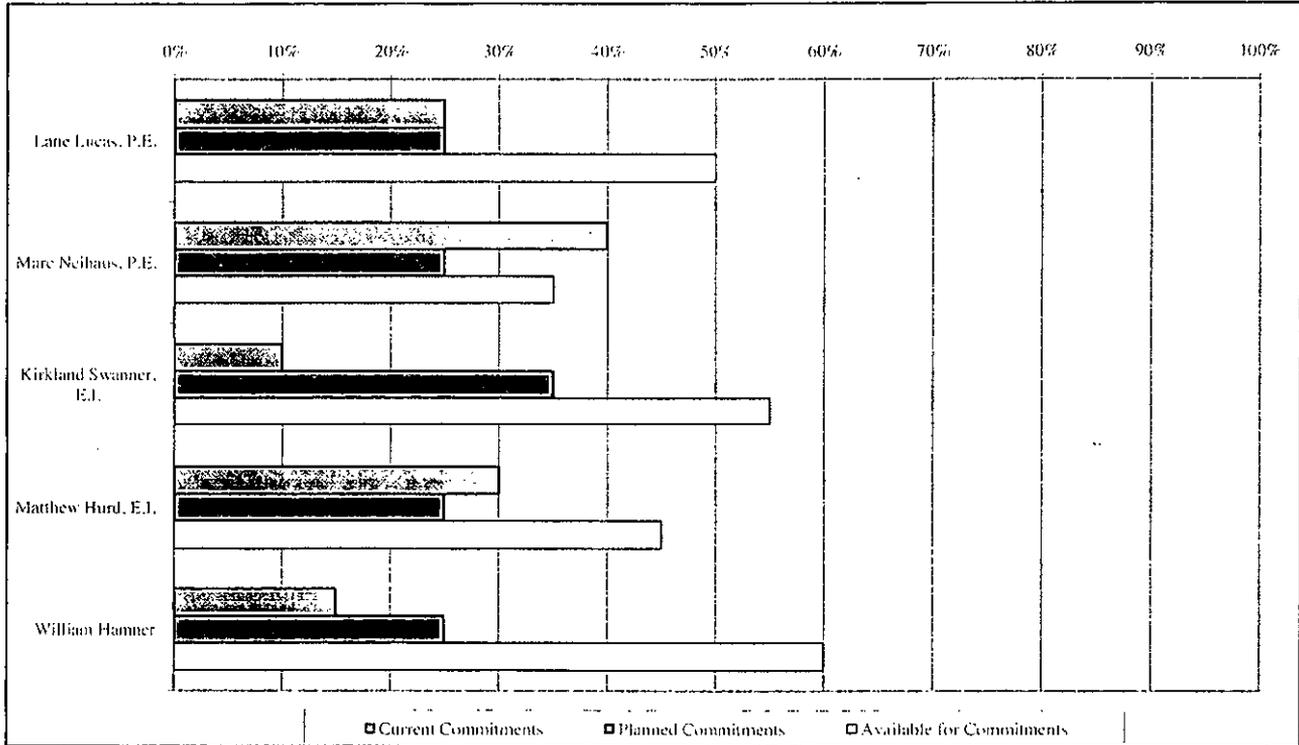
Wastewater Design Services and Services During Construction: Eutaw is currently working with Wakulla County to provide wastewater transmission projects and an upgrade to the County's wastewater treatment plant. These services will continue over the next year and will include both design services and construction administration. Assigned staff includes Lane Lucas (5%), Marc Neihaus (10%), Matt Hurd (15%), William Hamner (25%), Ruby McDuffie (10%), Sandy McCart (5%).

Availability

As shown above, our current workload is winding down, providing more than ample resources to serve Leon County on this contract. Based upon the workload shown above, our staff availability to serve Leon County is shown in the attached graph.

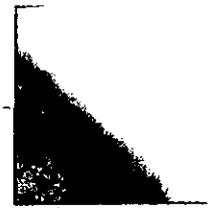


Staff Availability



**Specific Proposal Information
Subdivision and Site
Development Engineering
Section E**

**EFFECT OF
PROJECT TEAM
LOCATION**



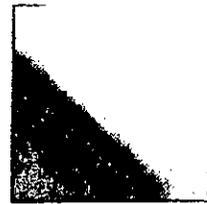
Effect of Project Team Location

Eutaw Utilities is located at 415 St. Francis Street, Unit 114, Tallahassee, Florida 32301. We are approximately 10 minutes from the County's facility on Miccosukee Road and within 30 minutes of any area of Leon County. With our centralized location, we are in position to respond to any project issues that may arise under this contract.



**Specific Proposal Information
Subdivision and Site
Development Engineering
Section F**

**APPROACH TO
THE PROJECT**



Approach to the Project

Eutaw Utilities, Inc. understands the challenges that communities face to meet the needs of their current residents and to plan for future growth of the community. Our goal in a continuing service role is to function as an extension of the Public Work's staff in meeting the needs of the community. For our current clients, we provide engineering services in this manner, as well as assisting in funding, political, and administrative hurdles that projects sometimes encounter. We have been successful in this role for our current clients, and feel confident that we will be able to effectively assist Leon County in meeting its challenges under this contract.

To demonstrate our understanding of the nature of the work and results to be accomplished under this contract, this section discusses the typical Eutaw team approach. Our typical project Approach consists of five major tasks: Project Startup, Conceptual Design, Data Collection, Final Design, and Services During Construction.

Project Startup

For any assignments, Eutaw's Project Manager, Lane Lucas, reviews the work order and determines the team members necessary to complete the project. Team members are chosen to ensure the project is adequately staffed with the right expertise for the assignment. Key staff from each firm and the local government will be organized for an in-depth field review to ensure that all aspects of the scope are understood and correlate to the existing field conditions.

Following the field review, Lane will coordinate with the local staff to ensure that the desired end result is understood and then develop a scope of service that clearly defines the work required to achieve the project goal. The project team will then assemble the required staff hours, project schedule and a project specific quality control plan for submittal to the County's Project Manager.

Conceptual Design

The Eutaw team understands that the success of a project depends upon the quality of decisions made during the early stages of the project. We believe that analysis of all feasible alternatives is mandatory early in the project to guard against design changes, rework and delays to the project. With the wealth of information currently available online and through various state databases, we can compile ample data to develop design concepts for evaluation without expending valuable resources for detailed data collection.

Using the available data, we will explore and evaluate potential alternatives for the project. Following this evaluation, Eutaw will develop and submit a conceptual design package, including preliminary design concepts, cost estimates, and regulatory/permit constraints on the project. The concept design package will be reviewed with the County for concurrence prior to undertaking final design.

Data Collection

As discussed above, we intend to utilize all available information to streamline the data collection efforts on projects in the contract by developing feasible conceptual designs prior to extensive data collection. Through this process, we will be able to eliminate unnecessary data collection efforts, which will improve efficiency, reduce costs and expedite the project schedule.



Once the limits of data collection are established, our team will rely on the experience of Thurman Roddenberry & Associates, Inc. for surveying and mapping services to collect the necessary detailed information for final design. TRA has performed survey and mapping services throughout the Florida panhandle and is very familiar with the needs and requirements for design survey data collection. Thurman of TRA and Lane Lucas of Eutaw have previously collaborated on many projects. Through their experience, TRA and Eutaw will be able to tailor the data collection required and collect the data in a cost-effective and efficient manner.

For geotechnical and environmental data collection, the Eutaw Team will rely on the experience and expertise of Environmental and Geotechnical Specialists, Inc. Tom Hayden and Judy Hayden are well known for their professionalism, accuracy and thoroughness. Lane has worked with the EGS staff on many public infrastructure improvement projects and their experience together will provide for efficient, cost-effective data collection on the projects assigned under this contract.

Final Design

During the final design process, we will cultivate the conceptual design into a complete and concise set of Plans and Specifications for bidding of the project. We are committed to utilizing state of the art software to develop and refine project designs, and we couple the information technology with good old fashioned common sense to develop feasible, affordable project designs. We will work closely with the County, utility agencies, regulatory agencies and any interested parties to ensure that the intent of the project is being met with a permissible and constructible design that meets the intent of the project.

We understand that many public improvement projects are dependent on public support and we are committed to work closely with the county and any local groups to provide project information to keep the public informed of the project, its intent and its potential impacts. We understand that community awareness is critical to public support, and therefore the success of the project.

Services During Construction

Eutaw Utilities has extensive experience providing Technical Services During Construction, starting with Bidding public infrastructure projects through Startup and Closeout of the construction phase service. Our staff has been instrumental in administering construction projects for the City of Live Oak, Columbia County, the City of Alachua and the City of Webster. For each of these clients, we have provided thorough SDC services, administering projects with construction costs up to \$20 million dollars.

During this phase of the project, we typically will have an onsite representative designated for the duration of construction. For specific portions of the project, we will provide the required expertise and experience to ensure that the project is constructed in accordance with the plans and specifications and that the contractor is providing quality workmanship for your community's infrastructure improvement.



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Specific Proposal Information
Utility Engineering
Section A

ABILITY OF
PROFESSIONAL
PERSONNEL



Ability of Professional Personnel

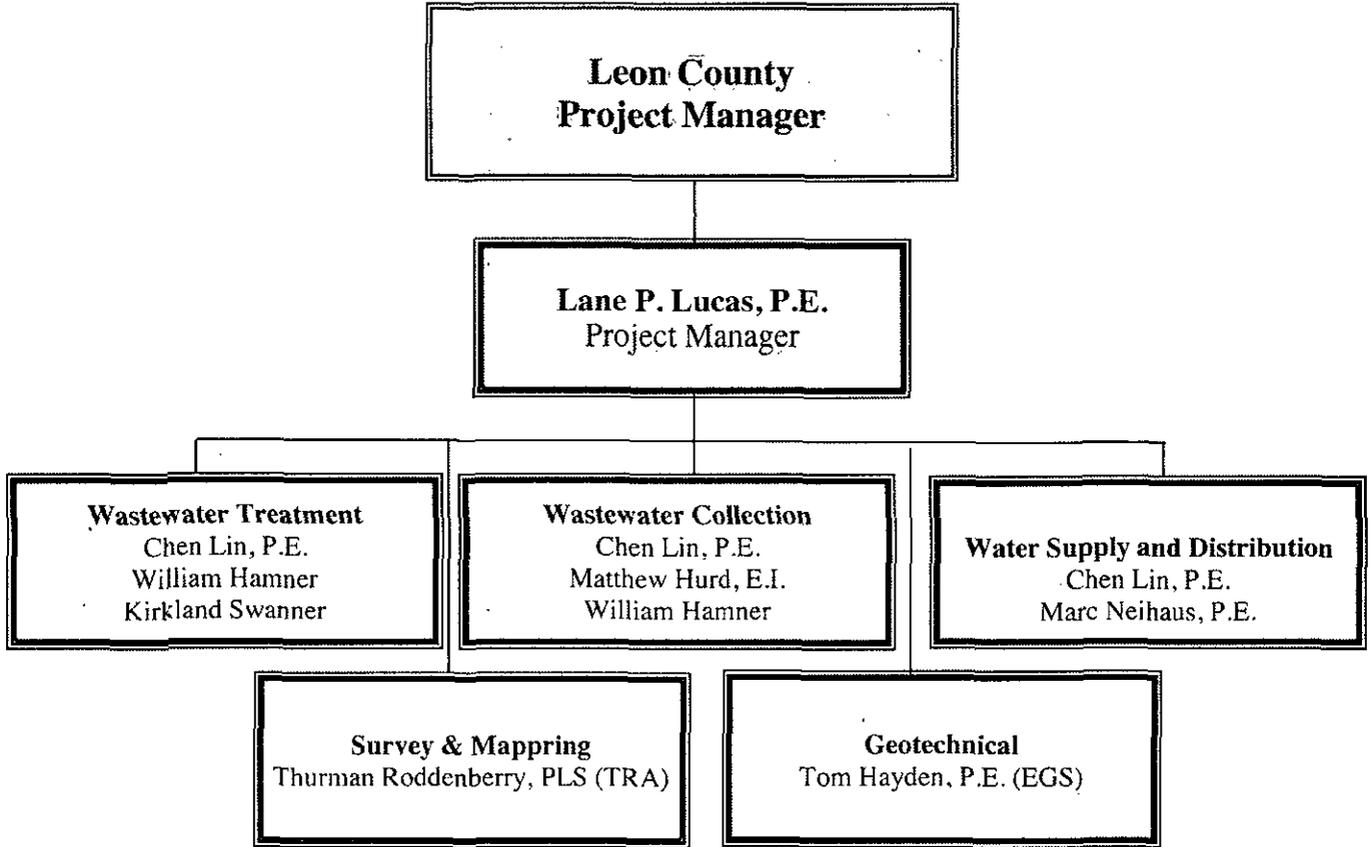
For Utility task orders issued under this contract, Lane Lucas, P.E. will serve as Project Manager for Eutaw Utilities, Inc. and will be the main point of contact for Leon County staff. Lane has worked for and with Leon County on numerous public and private projects and is well suited to serve as an extension of the County Public Work's staff.

For Utility related projects, Chen Lin, P.E., PhD, will be the senior engineer in charge of design and production of construction documents. Chen has extensive experience in all types of utility projects, ranging from water supply and distribution to wastewater treatment process design. Chen will be supported by the Eutaw staff, including Marc Neihaus, P.E., Matt Hurd, E.I., and William Hamner. Marc, Matt and William have experience on numerous utility projects including wastewater collection, wastewater treatment plants, reuse forcemains, water supply, and water distribution.

In combination, our team is comprised of experienced, knowledgeable and dedicated professionals that are ready, willing and able to serve Leon County on this contract. A staff organizational chart is included.



*Leon County
Civil Engineering Consulting Services
Utility Services*



Eutaw Utilities Thurman Roddenberry & Associates
ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS**

** M/DBE Certified Firm



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PEF005633

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Education:

Bachelor of Civil Engineering; Georgia
Institute of Technology

Professional Certifications:

Florida P.E. #53936
Georgia P.E. #034246

Lane P. Lucas, PE

President

Project Experience

Mr. Lane Lucas, P.E. serves as Director of Engineering and oversees engineering design, project management and overall engineering production for Eutaw Utilities. Mr. Lucas has 16 years of experience in the design and management of public and private infrastructure improvement projects, with an emphasis on roadway and stormwater projects. His experience has been gained through numerous projects for the Florida Department of Transportation, the City of Tallahassee and Leon County. Mr. Lucas takes a hands-on approach to his projects, being involved in the design elements while also taking responsibility for the overall management and success of the projects.

State Road 79 from ICWW to Steelfield Road

State Road 79 from Steelfield Road to Environmental Road

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as Project Manager, Lead Roadway Designer and Lead Drainage Designer for these two adjoining roadway reconstruction projects. The projects included reconstructing the two-lane rural roadway to four-lane divided highway for approximately 11 miles. The project included both rural and urban roadway sections, and included multiple bridge culvert replacements, one bridge replacement and one new bridge construction. Mr. Lucas managed the overall projects and coordinated the numerous project disciplines to result in successful projects for District Three, while also serving as lead roadway and drainage engineer on the projects. Mr. Lucas was responsible for the coordination of the project improvements with the Division of Forestry and worked with that agency to minimize impacts to Pine Log State Forest, which bordered much of the project corridor.

State Road 79 from Back Beach Road to ICWW

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as the Lead Drainage Engineer on this 5 mile rural reconstruction project to convert the existing two-lane roadway to four-lane divided highway. Mr. Lucas was responsible for designing linear drainage system that saved extensive funding by reducing the overall right-of-way requirements and construction costs. Mr. Lucas assumed the Project Manager role for this segment prior to construction and was instrumental during construction to address design and construction issues.

US 98 / Thomas Drive

Florida Department of Transportation – District Three • Bay County, Florida

Mr. Lucas served as the Lead Drainage Engineer on this three-level, urban interchange design project. Mr. Lucas was responsible for planning, designing, and permitting the drainage system to capture, convey, treat and dispose of stormwater runoff from the project area. During construction of the project, Mr. Lucas worked with the construction personnel to address design and construction issues on the project.

State Road 85 from Bill Lundy Road to CR 85A

Florida Department of Transportation – District Three • Okaloosa County, Florida

Mr. Lucas served as project manager of this four mile rural resurfacing project. The purpose of the project was to rehabilitate the existing two-lane roadway and construct paved shoulders along the roadway. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.



State Road 393 from US 98 to SR 189**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager of this two mile urban resurfacing project. The purpose of the project was to rehabilitate the existing four-lane divided roadway, add numerous turn lanes, and improve ADA accessibility along the roadway corridor. This project was in a heavily commercially developed area of Ft. Walton. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.

State Road 30 at State Road 85 West Leg**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager and lead roadway design engineer for this intersection reconstruction project. The purpose of the project was to realign the intersection of two important roadways in Fort Walton Beach. The project included extensive coordination with adjoining property and business owners. Mr. Lucas was responsible for management, design, coordination, permitting and public involvement on this project.

State Road 189 from US 98 to SR 393**Florida Department of Transportation – District Three • Okaloosa County, Florida**

Mr. Lucas served as project manager of this two mile urban resurfacing project. The purpose of the project was to rehabilitate the existing five-lane roadway, address roadway failures and improve ADA accessibility along the roadway corridor. This project was in a heavily commercially developed area of Ft. Walton. Mr. Lucas was responsible for the overall management and production of the project, overseeing the roadway and drainage designs, permitting, utility coordination and public involvement.

East Park Avenue Roadway Improvement Project**City of Tallahassee • Tallahassee, Florida**

Mr. Lucas served as lead roadway and drainage design engineer of this two mile urban reconstruction project, converting an existing two-lane roadway to a four-lane divided roadway. The project included extensive drainage improvements to address existing drainage problems and to account for the increase of stormwater runoff created by the roadway widening.

Conner Boulevard Roadway Improvement Project**City of Tallahassee • Tallahassee, Florida**

Mr. Lucas served as lead roadway and drainage design engineer of this one mile urban reconstruction / realignment project. The project included realigning and widening two major roadways to provide a single intersection rather than two staggered intersections. Mr. Lucas was responsible for roadway geometric design, utility coordination, drainage and stormwater design and environmental permitting.

SAFE Roadway Improvement Program – Miscellaneous Projects**Leon County • Leon County, Florida**

Mr. Lucas served as lead roadway and drainage design engineer for numerous roadway paving projects under Leon County's SAFE (Stabilization and Asphalt For Everyone), including Old Magnolia Road, Cypress Landing Road, Nabb Road. Mr. Lucas was responsible for roadway geometric design, drainage and stormwater design, and environmental permitting.

City Wide Stormwater Improvement Program**City of Live Oak, Florida • Live Oak, Florida**

Mr. Lucas served as Program and Project Manager for the implementation of various stormwater improvement projects in the City of Live Oak, including Albritton-Houston Drainage, Walker Avenue Drainage, and Sherwood Forest Drainage Improvement Projects. Mr. Lucas was responsible for drainage design, utility coordination, property owner coordination, and construction administration.



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Education:

Ph.D, Environmental Engineering
Sciences, University of Florida
M.S, Civil Engineering Auburn University
B.S, Civil Engineering Cheng-Kung
University, Taiwan

Professional Certifications:

Professional Engineer: Alabama,
Florida, Michigan and S. Carolina

CHEN H. LIN, P.E., Ph.D.

Civil/ Environmental Engineer

With 33 years' experience, Dr. Lin has completed projects throughout the United States, Asia, and South America encompassing industrial and domestic water and wastewater treatment system design, bench- and pilot-scale treatability studies, Title V air permitting, water resource conservation, reclaimed water reuse, soil and groundwater remediation, solid and hazardous waste management, and environmental impact assessment.

Project Highlights:

WASTEWATER TREATMENT:

Talquin Electric Killlearn Lakes WWTP, Tallahassee, Florida

For TEC Dr. Lin evaluated the treatment processes, operation practices, and maintenance schedule of this activated sludge plant. As the engineer-of-record he prepared, and successfully secured the current FDEP permit. He identified sources of the influent strength fluctuation and the high sludge yield problems as well as other deficiencies and recommended corrective measures. He prepared bid packages and assisted TEC in contractor procurement for the recommended corrective measures. He also assisted TEC in proofing its sprayfield operations unrelated to the observed groundwater quality.

Talquin Electric Sandstone Ranch WWTP, Tallahassee, Florida

Dr. Lin evaluated the feasibility of upgrading the existing extended aeration activated sludge treatment plant at its current location and completed the preliminary design of a new Sequential Batch Reactor (SBR) process. As the

engineer-of-record, he prepared the permit application and has successfully negotiated with FDEP for a set of reasonable effluent standards for the new plant. The FDEP has issued "intent to issue permit" and currently this permit is under public comment period. He is also assisting TEC in solving oil-and-grease problems in the lift station. Detail design of the new plant is ongoing.

Talquin Electric Lake Jackson WWTP, Tallahassee, Florida

Dr. Lin assisted TEC in isolating causes of occasional unstable nitrate levels in this SBR plant effluent. He developed plans for investigating nitrate presence in the groundwater and is overseeing the implementation and progresses of the plans. He prepared an Agricultural Use Plan for this WWTP and secured the associated FDEP permit modification for the sludge management practice. He is preparing the construction plans and bid documents for a new sludge digester and a Rapid infiltration basin at this WWTF.

Talquin Electric Meadows WWTP, Tallahassee, Florida

For this advanced treatment SBR plant Dr. Lin developed the Capacity Analysis and the O&M Performance Reports in support of the FDEP permit renewal. The renewed operation permit for this WWTF has been issued without comments or Request for Additional Information (RAI).

Talquin Electric Oyster Bay WWTP, Shell Point, Florida

For this plant which is experiencing rapid growths in its service areas Dr. Lin developed the capacity expansion and treatment upgrade plans. He identified effluent disposal being the critical issue for this area and has evaluated options including public accessed reuse, additional infiltration basins, wetland disposal, and deep well injection. He also evaluated alternatives for TEC to integrate this plant into Wakulla County's new Otter Creek WWTP.

Industrial Wastewater Treatment Plant Evaluation and Water Reuse, Thorofare, NJ

For this commercial bearing manufacturing facility Dr. Lin evaluated causes of non-compliance for its industrial wastewater treatment effluent. He developed a wastewater minimization plan which included wastewater reuse as a key part for bringing the effluent quality to be in compliance of the permit criteria.



Industrial Wastewater Treatment Plant Evaluation and Permit Appeal, Henry, IL

For this Fortune 500 special chemical manufacturing facility Dr. Lin evaluated opportunities and options for wastewater effluent reuse at its combined domestic and industrial wastewater treatment plant. He also supported the client's endeavors in appealing to Illinois Pollution Control Board for the plant's ammonia effluent standard adjustments.

Precision Machine & Supply, Odessa, Texas

Dr. Lin completed an innovative groundwater reclamation project for the Texas Natural Resource Conservation Commission (now Texas Commission on Environmental Quality [TCEQ]). It involved a groundwater treatment system design using electrochemical precipitation technologies for chromium contamination at this former chrome plating facility. The system was successfully constructed and later operated by a third party.

Cape Canaveral and Patrick Air Force Bases, Cape Canaveral, Florida

Dr. Lin evaluated impacts of deluge water generated during rocket lunches to Cape Canaveral station's wastewater treatment plant and recommended a series of corrective measures. At this air force station and at Patrick Air Force Base, Dr. Lin was the engineer-in-charge for the stormwater management design and SPCC plans development related to the Clean Water Act compliance.

City of Live Oak WWTP, Live Oak, Florida

Dr. Lin is assisting the City of Live Oak in a complex permitting process similar to the City of Panama City. Under an FDEP consent order Live Oak's existing trickling filter plant was being upgraded to a Modified Ludzack-Ettinger (MLE) process with an upgraded capacity as well as higher effluent quality standards for public access reuse. As the engineer-of-record of the complex FDEP permit application combining renewal, capacity expansion, treatment process overhaul, and multiple effluent reuse mechanisms, he is the liaison for the City in working with FDEP on developing the new permit conditions. The FDEP has issued "intent to issue permit" and currently this permit is under public comment period. Dr. Lin also completed the NPDES permitting process for the WWTF and is assisting in the development of plans to replace the current sprayfield with public access reuse for the effluent disposal. He also evaluated the sludge digester and drying bed capacities and developed plans to integrate them into the new treatment process.

Columbia County WWTP, Ellisville, Florida

Dr. Lin is assisting Columbia County in the planning, design and permitting of its new WWTP at the intersection of I-75 and Highway 441. The impacts of a landfill leachate and the pretreatment standards, if needed, are being evaluated.

Military Facilities

For the United States Air Force, he helped design and develop bid documents for groundwater extraction systems at Niagara Falls International Airport-Air Reserve Station. For the Southern Division of the Naval Facilities Engineering Command, he provided civil engineering support for contamination assessments and remedial activities at multiple hazardous waste sites at the Naval Air Station Pensacola. For the Jacksonville District of the United States Army Corps of Engineers, he completed two design projects at Ramey Air Force Base, Puerto Rico. For Cape Canaveral Air Force Station Dr. Lin assisted in the management and treatment of the deluge water generated during rocket lunches. Impacts of the deluge water to the station's wastewater treatment plant operations were evaluated and a series of responding measures were recommended. Impacts to the regional groundwater quality from the previous discharges of untreated deluge water were also evaluated. At this air force station and at Patrick Air Force Base, Dr. Lin was the engineer-in-charge for the storm water management design and SPCC plans development related to the Clean Water Act compliance.

WATER SUPPLY:

Talquin Electric Cooperative, Inc. (TEC) Wakulla Public Water Supply System, Wakulla, Florida.

TEC is a non-profit utility provider which owns and operates 18 public water supply systems in Wakulla, Leon, and Gadsden Counties. Wakulla Water System consists of three supply wells and serves coastal communities with a combined capacity of 2.4 MGD. As TEC's consultant, Dr. Lin has been assisting TEC in water quality evaluation, treatment feasibility study, design, permitting, and construction management services. In September 2007, in response to a sudden increase of iron and manganese concentrations in all three supply wells, he conducted a fast-track pilot study and the design of the treatment system, developed the preliminary engineering report (PER), and obtained FDEP construction permit. These actions successfully addressed FDEP's concerns. Concurrently Dr. Lin arranged a hydrogeological investigation which revealed that the iron and manganese concentrations were receding and that the plume was likely an isolated incident. Based on this information, Dr. Lin worked with FDEP NW District and revised the treatment design to a low-cost sequestering system. FDEP issued a general construction permit for the sequestering system. This system has been installed and placed in operation on an as-needed basis. As the engineer of record, he certified the as-built drawings and submitted the completion certification to FDEP. In 2008 Wakulla

Water System encountered elevated disinfection by-products (DBP) for which FDEP issued a consent order. Dr. Lin performed water quality evaluation and found discrepancies from the monitoring results reported to FDEP by the laboratory. He reviewed the laboratory protocols and proved that the high DBP levels were partially caused by improper lab practices. FDEP initiated its own investigation and confirmed this finding and consequently rescinded the consent order. In a rare occurrence, FDEP issued a letter complimenting this effort. Dr. Lin is also working with TEC operator on best management practices for chlorination dosage and residence time management by which DBPs have been kept in acceptable levels. However, in anticipation of the future Stage II DBP regulations, Dr. Lin has recently completed a treatability study using activated carbon adsorption and will be using the results in the design of a full-scale treatment system. In September 2008 Wakulla Water System exceeded 75% of the permitted capacity. In response to FDEP request, Dr. Lin developed a Capacity Analysis Report (CAR) in which population growth projection and supply-demand analysis was conducted. The CAR concluded that by October 2012 a new water source will be necessary. Dr. Lin, joined by project geologists, is currently working with TEC in acquiring new well sites, exploring water quality and quantity, obtaining Water Management District consumptive and FDEP construction permits, and the engineering design. The new supply well is anticipated to be placed into service by October 2012.

Florida Department of Corrections (FDOC) Lancaster Correctional Institution Water Supply System Expansion, Trenton, Florida

In association with the prison expansion, Lancaster Correctional Institution needed to expand its water supply system. Dr. Lin is the engineer of record for the design and construction of this project. The design included a 10,000-gallon hydropneumatic tank, a 200,000-gallon glass-infused ground storage tank, high service and fire protection pump station, and chlorination system. He developed the PER, obtained the FDEP construction permit, completed the design plans and specifications, and assisted bidding of the project and procurement of the construction contractor. This project is currently in the beginning stage of submittal review and the construction is scheduled to begin in mid February 2010.

FDOC Martin Correctional Institution Water Supply System Upgrade, Indiantown, Florida

Martin Correctional Institution's water supply system was under the FDEP consent order for elevated DBP levels and lead and copper concentrations in the finished water. Dr. Lin was tasked by FDOC to complete a fasttrack evaluation and design of the water treatment system upgrade in compliance with the conditions and schedule specified in the consent order. As the engineer of record he completed a bench-scale treatability study, developed the PER, obtained the FDEP construction permit, completed the design plans and specifications, conducted the bidding of the construction, oversaw the construction, managed the start-up and disinfection, provided completion certification to FDEP, and obtained the FDEP clearance for placing the system into service. This project has been successfully completed and, more importantly, it fulfilled the requirements specified in the consent order.

FDOC Mayo Correctional Institution Water Supply System Modification, Mayo, Florida

Mayo Correctional Institution's water supply system was under an FDEP consent order and a USEPA administrative order for elevated DBP levels in the finished water. Dr. Lin was tasked by FDOC to complete design of the water treatment system modification in compliance with the conditions and schedule specified in the consent/administrative orders. As the engineer of record, he developed the PER, obtained the FDEP construction permit, completed the design plans and specifications, conducted the bidding of the construction, oversaw the construction, arranged the disinfection, managed the start-up, provided completion certification to FDEP, and obtained the FDEP clearance for placing the system into service.

Martin Electronics Ordnance Facility, Perry, Florida

For Martin Electronics, Inc., (MEI), an explosives manufacturer, Dr. Lin completed the design plans and specifications for its water supply system, procured the construction contractor, managed the construction and disinfection, conducted the system start-up, and provided completion certification to FDEP. This project has been successfully completed and the new water system has been in operation since July 2009.

OTHER PERMITTING AND COMPLIANCE:

Martin Electronics, Inc. (MEI) Ordnance Facility, Perry, Florida

Dr. Lin has been the consultant to this defense contractor for over 15 years. He provides technical supports in engineering as well as environmental compliance. He serves as the liaison in dealing with FDEP in securing all of MEI's environmental permits related to its various explosives manufacturing and waste treatment operations, including the RCRA hazardous waste treatment facility operation permit; facilitywide Title V air permit; electroplating industrial wastewater treatment plant operation permit, and the water supply system compliance. He has successfully reduced the amount of the RCRA permit financial assurance by over 50% and recently secured the USEPA approval for an alternative mercury monitoring plan (a variance to 40CFR, Part 61, Subpart E) for MEI's sludge dryer operations. He also generates annual reports for the Title V air permits; supported MEI's RCRA permit modification efforts to add new products; directed the assessments, corrective measure implementation, and closure of over 15 solid waste management units; reviews the results of routine soil and groundwater monitoring; and serves as MEI's liaison with regulatory agencies.



Eutaw Utilities, Inc.

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University
American Council of Engineering
Companies (ACEC), Senior Executive
Institute
Graduate level Hydraulic Analysis;
Purdue University
Graduate level Structural Design;
Florida State University

Professional Certifications:

Professional Engineer: Indiana, Florida
and Tennessee
Licensed Pilot
Former Intelligence Officer with top
secret clearance, O-3, Lieutenant U.S.
Naval Reserve

Marc E. Neihaus, PE

Vice President

Well-credentialed Professional Engineer with more than twenty years experience as a successful entrepreneur and senior corporate executive leading management of a broad variety of major engineering projects in the public, commercial, and municipal sectors. Proactive. Results driven. Strong administrative proficiencies ensure effective project execution throughout the entire life cycle.

Expansive portfolio of expertise includes waste water treatment, water utility systems, urban roadways and bridges, structural design, and commercial and residential construction. Demonstrates boundless motivation, exceptional initiative, and far-reaching capacity for taking charge of multiple, concurrent work loads with a keen focus on producing superior results in line with business objectives, budgets, and timelines. Extensive qualifications in the following competencies:

- Engineering Management
- Regulatory Compliance
- Startup Operations & Turnarounds
- Procurement & Sourcing
- Financial Planning & Cost Management
- Environmental Assessment
- Project Management & Implementation
- Contract Negotiations & Closing

Eutaw Utilities, Inc, Tallahassee, FL

2003-Present

Provides engineering consulting services primarily for the funding, design, and construction of water management and waste water treatment facilities.

VICE-PRESIDENT / CO-FOUNDER

Created and leads a 5 employee consulting engineering company with the unique business model of identifying and securing funding for clients' projects, and concurrently designing and administering all construction.

- Developed business to >\$1.3M in revenue in only 4 years.
- Secured and administered > \$25M in grant funds for clients.
- Orchestrated > \$4M in direct legislative appropriations to help fund many of our major projects.
- Provided construction services and administration for > \$40M in water utility construction projects since 2007.
- Served as Engineer of Record (EOR) for two 1.5 MGD waste water treatment plants (WWTP).
- Oversaw the construction administration for three WWTPs valued at > \$24M.
- Designed and managed the construction administration for 23 miles of waste water collection lines, 25 lift stations and 20 miles of force mains.
- Spearheaded the design of > 15 miles of potable water mains, and the design/build of public potable well fields, multiple water management/conveyance systems, holding ponds (lined and unlined), spillways, and other hydraulic structures.

Baskerville-Donovan, Inc, Tallahassee, FL

1995-2003

Engineering consulting firm supporting the design and construction of major water utility and roadway projects

VICE PRESIDENT, REGIONAL OFFICE MANAGER (2000-2003)

PROJECT MANAGER (1996-2000)

DESIGN ENGINEER (1995-1996)

Provided extensive roadway and structural design services as well as comprehensive staff oversight for all projects. Spearheaded the complete turnaround of company's underperforming projects to ensure client satisfaction and retention. Voluntarily assumed management of a major failing project and brought it to completion, avoiding a potentially litigious situation.



- Served as Engineer of Record for > \$21M adjoining urban road projects through downtown Tallahassee.
- Lead structural designer for a 1200-foot pre-stressed concrete Pensacola fishing pier utilizing a unique break away deck system as well as unconventional pile geometry.
- Successfully completed numerous storm water modeling studies and designs in conjunction with municipal and private infrastructure development.
- Served as Lead Geometric Roadway Design Engineer for multiple County projects and Lead Structural Design Engineer for a two span replacement bridge near Miami.
- Assigned as Lead Design Engineer and Engineer of Record for two, three span replacement bridges on State Road 79, Bay County Florida.
- Designed an at-grade bridge spanning a three hundred foot weir urban wetland, connected to a flume system and a buried conveyance system. All were structurally integrated and supported through an extensive pile foundation.

Indiana Department of Transportation, Terre Haute, IN

1993-1995

PROJECT ENGINEER

One of two construction managers for a \$7.7M project to rebuild two bridges and reconstruct 8 miles of 4-lane highway. Provided comprehensive design of new and reconstruction projects for state, interstate highways, and interchanges.



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Education:

Bachelor of Civil Engineering; Florida State University
Bachelor of Arts - History; Virginia Commonwealth University
Advanced Engineering Drafting Diploma; Maryland Drafting Institute

William D. Hamner

Design Engineer

Experience

Mr. Hamner has 12 years of experience as both an Engineer and a Civil Engineering Technician and has been with Eutaw Utilities since 2005. Since coming to Eutaw Utilities, he has been extensively involved in both the design and production of public infrastructure improvement projects around the State of Florida. His primary responsibilities include Design, Plans Production and Review, writing and obtaining permits from various local and state organizations, Project Management, and providing Engineering Services During Construction (SDC). He is recognized by his peers and the FSU staff as one of the most knowledgeable operators of AutoCAD & Autodesk Land Development Desktop.

Some of the projects Mr. Hamner is currently working on include: Providing Engineering SDC on a \$20 Million Waste Water Treatment Plant (WWTP) Upgrade for the City of Alachua; Design and Engineering SDC for a \$10 Million Upgrade to an existing WWTP in Wakulla County, Fl. In addition, Mr. Hamner designed a Gravity Sewer System and Forcemain for the City of Webster, FL; has worked on Stormwater Design and Analysis for the City of Live Oak; Provided Engineering

SDC for an \$12 Million Waste Water Treatment Plant in the City of Live Oak, Fl; Design Engineer for the Wakulla County Force Main down Lower Bridge Road and participation on the design of the Gravity Sewer lines within Wakulla Gardens. Mr. Hamner was the Site Design Engineer for the City of St. Marks park restoration projects and Columbia County's Wastewater Treatment Plant and Water Well Site. Mr. Hamner was also responsible for the Drinking Water Service System design for Columbia County.

Roadway/Transportation

Mr. Hamner's Roadway/Transportation experience has been gained through numerous projects for the City of Tallahassee and Leon County. These projects included designing new roads and the widening/ realignment of existing roads in both urban and rural environments. Mr. Hamner was extensively involved in all aspects of the design process and plans production for these projects. His responsibilities included, plans production, horizontal and vertical profile design, underground utility placement, signing and pavement marking, and signalization. In addition, Mr. Hamner has been responsible for the roadway design and infrastructure of many neighborhoods in and around the City of Tallahassee.

Stormwater Analysis/Design

Mr. Hamner has worked on the design of numerous stormwater retention ponds and stormwater conveyance systems. These projects include designing ponds for various neighborhoods, apartment complexes, and commercial projects of various sizes. In addition, he has worked on the analysis and upgrades to existing stormwater conveyance systems for both the City of Tallahassee and the City of Live Oak.

Sanitary Sewer Design

Mr. Hamner has an extensive amount of experience designing both Gravity Sanitary Sewer and Forcemain systems. He was responsible for the design and plans production for 6.5 linear miles of gravity Sanitary Sewer throughout the City of Webster, FL. In addition, he designed 12.4 miles of Reuse Water Forcemain along US HWY 90 for the City of Live Oak to connect to a new Florida Department of Corrections Facility in Suwannee County, Fl. In Wakulla County, FL, He is responsible for the design of 13.5 miles of Sanitary Sewer Forcemain, and an additional 6.2 miles of Reuse Water Forcemain. Along with being the design engineer on these projects, Mr. Hamner served as the on-site project manager for several of them.

Waste Water Treatment Plant

Mr. Hamner has been extensively involved in the both the design, project management, and providing Engineering SDC of the upgrades to the City of Live Oak WWTP, the City of Alachua WWTP, and the Wakulla County WWTP at Otter Creek. In addition, He was one of the lead designers on a WWTP in Columbia County.

Drinking Water Well Field and Service Main

Mr. Hamner designed a Drinking Water Well Field Site in Columbia County, FL and provided Engineering SDC during its construction.



Eutaw Utilities, Inc.

Certificate of Authorization #9961
Georgia Registration: PEF005633

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: matthurd5@yahoo.com

Education:

Bachelor of Civil Engineering; Florida
State University

Matthew W. Hurd, EI;

Staff Engineer

Mr. Hurd joined the Eutaw team in 2007. Mr. Hurd provides engineering GIS and CAD support for the design process. His most recent projects include:

- Design of approximately 75,000 LF of sanitary force main line and 3 pumping stations in Wakulla County
- Design and construction supervision of 30,000 LF of reclaimed water line in Wakulla County
- Design of 77,000 LF of gravity sewer lines and 12 pumping stations for Wakulla County
- Design of 23,500 LF of potable water lines for the city of Ellisville
- Stormwater analysis for the City of Live Oak
- Water line design in Suwannee City consisting of 65,000 LF of distribution lines with laterals, fire hydrants and appropriate inter-connects for 850 service connections
- Lift station redesign and improvements for the St. Marks FEMA Disaster Grant project.



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Georgia Registration: P.E.#005633

415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Email: kswanner8@yahoo.com

Education:

Master of Science in Construction Management; Florida State University and FAMU-FSU College of Engineering
B.S. Civil Engineering; Florida State University

Honors and Activities:

Florida State University Dean's List
The National Dean's List
Three year member of the Florida State University Marching Chiefs

Kirkland F. Swanner, EI;

Staff Engineer

Kirk Swanner joined the Eutaw team in 2007. Mr. Swanner provides engineering GIS and CAD support for the design process, oversees project schedules, ensures project budgets and schedules stay on task, and construction administration services. Some of his more recent projects with the Eutaw Team include:

City of St. Marks Wakulla River Canoe Launch \$60.000

Performed as Design Engineer and Construction Administration for a canoe launch and elevated walkway on the Wakulla River in the City of Saint Marks. Design work included structural analysis, construct ability and site layout of the Canoe Launch. Construction Administration services included site inspections, budget and scheduling monitoring.

City of St. Marks Wakulla Waterline \$260.000

Performed as Design Engineer to improve the existing water distribution system by installing new water mains and replacing other water mains.

City of Live Oak Pond Liner \$900.000

Responsible for the design of the improvements to an existing retention pond. Design services included Geotechnical design of an earthen berm as well as structural design of a reinforced concrete structure.

Columbia County Waterline \$290.000

Responsible for the design of 1.3 miles of water distribution water mains.



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Tallahassee, FL 32301
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Fax: 888-878-2939
Cell: 850-566-5528
Email: jewelvision@hotmail.com

Education:

Bachelor of Science - Architecture;
Florida A&M University
Associate of Arts - Business Administration;
Florida A&M University

Ruby D. McDuffie

Engineering Contracts Administrator

Ms. McDuffie has over 17 years of strategic design and problem solving experience. Her experience working with local, state, and federal governmental agencies has given her a broad understanding of program planning. Working with clients, Ms. McDuffie has been involved in solution engineering consultation and programming, analysis, schematic design, component systems coordination, research, design development, "shovel-ready" project documents, specifications, materials research, document checking and coordination, office implementations, site implementations, project and office management, database design and implementation, and cost research and analysis. Her educational background and work experience enables her to communicate between clients and engineers at various depths of understanding.

With Eutaw Utilities, Ms. McDuffie serves as a construction administrator, grant administrator, and client consultant. She is able to work with clients from project conception to completion and help them find funding sources and track those funds according to the requirements of the funding agencies. She has experience maintaining "audit-ready" files and record keeping Davis-Bacon documents, which include project site Labor Standards Interviews and ARRA Job Reports. She has experience preparing disbursement requests and documentation for funding source agreements.

She is able to patiently explain difficult concepts to municipal and private sector officials to allay concerns and to facilitate agreements. Ms. McDuffie has worked with clients throughout the state of Florida, Alabama, Washington, D.C. and South Carolina on various community revitalization and improvement projects and has received award recognition for her unique project contributions.



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415 St. Francis St; Unit 114
Tallahassee, FL 32301
Office: 850-383-0400
Fax: 888-878-2939
Cell: 850-320-5535
Email: sandymccart@yahoo.com

Education:

AA Science and Technology; Purdue University

Sandy L. McCart

Administrative Manager

Eutaw Utilities, Inc was formed with the goal of bringing unique people and disciplines to produce the most cost effective and creative results for their clients. Ms. McCart has a wide variety of administration experience, working for both public and private sector entities. She offers over 18 years of experience in accounting, office management and human resources.

Ms McCart has been with Eutaw Utilities since 2007. She has proven her ability to provide a comprehensive approach, utilizing numerous funding programs to realize the total project potential. Her experience in administering programs for numerous national and international projects gives her the ability to work with active citizen groups and developing a plan to best suit their individual needs.

Working closely with Eutaw Staff, Ms. McCart has assisted in the development of several facility plans including wastewater treatment plants, potable water facilities, and stormwater design projects.

Ms. McCart's planning experience has given her the ability to provide flexibility to local governments working within the boundaries of promulgated rules and requirements. Her attention to detail ensures project compliance in preparing grant applications and documentation for individual projects. She serves GAC's clients as an administrative manager of program compliance in preparing loan and grant applications, research of funding opportunities and documentation of individual projects.

Her ability to quickly obtain a working knowledge of the application procedures for a number of funding agencies including CDBG, DSCG, FRDAP, Legislative Appropriations, SRF, and others, has made her an invaluable asset to the team.

Software Experience:

Microsoft Word, Excel, Powerpoint, Pagemaker 6.5, Quark Xpress, Adobe Photoshop; InDesign; Illustrator, Acrobat, ArcGIS 9.0



OUTSIDE CONSULTANTS

Environmental and Geotechnical Specialists, Inc.

Tom Hayden, P.E.

Judy Hayden, P.E.

*Environmental Assessments and Permitting
Geotechnical Exploration, Analysis and Design
Tallahassee, Florida*

Thurman Roddenberry and Associates, Inc.

Thurman Roddenberry, PLS

*Topographic Survey and Mapping Services
Sopchoppy, Florida*



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E. Environmental Engineering

Professional Credentials

Bachelor of Science, Education, University of Dayton, 1971

Bachelor of Science, Civil Engineering, Oklahoma State University, 1977

Master of Science, Civil Engineering, Kansas State University, 1979

Professional Engineer in Florida

Professional Organizations

American Society of Civil Engineers, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter

Florida Engineering Society, Past President of Big Bend Chapter, 2007 Engineer of the Year of Big Bend Chapter, Elected Fellow

American Public Works Association

National Society of Professional Engineers

Florida A&M University / Florida State University, Civil Engineering Advisory Committee

Special Qualifications

- Over 25 years of environmental design and permitting experience, including natural features, wetland delineation, environmental impact, and environmental management
- Highly-skilled at regulatory agency coordination
- Familiarity of Leon County, City of Tallahassee, and Florida Department of Environmental Regulation Permitting Requirements

Years Experience with EGS: 16

Years Experience with Other Firms: 12

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3, Chipley, FL – Serves as project manager to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks have included the environmental permitting for transportation projects, park and recreational facilities, and other public works projects. In addition, the services have included numerous Phase I Environmental Site Assessments for land acquisition.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Judith M. Hayden, P.E.

Relevant Experience, cont.

Leon County, Department of Public Works, General Service Contract, Leon County, FL - Served as project manager for the environmental permitting for the construction of roadways, parks and utility easements. In addition, Phase I Environmental Site Assessments investigating the potential of contamination have been conducted for the Department prior to land acquisition.

Blair Stone Parkway Corridor Study and Design, City of Tallahassee, Department of Public Works - Project manager for the environmental investigation for the corridor study and the design of Blair Stone Parkway from Park Avenue to Capital Circle NE. The project included the Cultural Resource Analysis for significant archeological and historical sites within the proposed roadway extension in accordance with the National Historic Preservation Act. The services also included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the City of Tallahassee, Department of Growth Management, Environmental Division.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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 prepare the Natural Features Inventory Permit and participated in numerous public workshops.

McKeithen Road, City of Tallahassee - Conducted the environmental investigation for the roadway improvements and resurfacing of McKeithen Road and Hayward Drive. The project included preparation of the Natural Features Inventory and the Environmental Impact Analysis Report and Maps.

Eastern Transmission Line, City of Tallahassee - Conducted the environmental investigation for the installation of a new electric utility which will include both above ground and under ground installation. The services included the jurisdictional limits for wetland delineation and permit preparation for dredge and fill impact. The project involved environmental permitting with the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, the City of Tallahassee Growth Management Department and the Leon County Growth Management Department. In addition, the services included a review and approval from the Canopy Road Advisory Committee.

SR 261 (Capital Circle SE), Leon County, Blueprint 2000 & Beyond - Completed the environmental permitting for the widening of Capital Circle from two lanes to 4 lanes from Tram Road to Woodville Highway. The widening design included recommendations for lane additions and stormwater treatment facilities to minimize impact to the natural features within the area. It also included the permitting and relocation of the endangered gopher tortoise species.

EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Thomas H. Hayden, P.E.
Geotechnical Engineering

Professional Credentials:

Bachelor of Science, Civil Engineering, University of South Florida, 2003

Professional Engineer in Florida

Professional Organizations:

American Society of Civil Engineers – 2008 President Tallahassee Chapter – 2008-2010 FAMU/FSU College of Engineering Student Chapter Liaison – 2009 Young Engineer of the Year

Florida Engineering Society – 2008-2009 K-12 Education Committee - 2006-2008 Math Counts Committee – 2009 Florida Engineering Leadership Institute Graduate

Geotechnical Materials Engineers Council

Special Qualifications:

- Over 10 years of Geotechnical design and investigation experience, including roadway studies, stormwater design, pavement design, and materials engineering
- Familiarity of FDOT Geotechnical Standards
- CTQP/ACI Certifications: Aggregate Field and Laboratory Testing Technician, Asphalt Plant Technician – Levels I and II, Field Sampler Technician, LBR Technician, Concrete Field Technician – Levels I and II, Concrete Laboratory Technician – Level 1, Quality Control Manager, Concrete Transportation Construction Inspection, Advanced Maintenance of Traffic Inspector and FDEP Erosion Control Inspector

Years Experience with EGS: 7; Years experience with other firms: 3

Relevant Experience:

GPI Southeast, Inc., Proposed Longleaf Development, Stormwater Treatment Facilities, Wakulla County, FL – Performed subsurface investigation of the proposed Longleaf Development. Provided client with subsurface conditions, encountered groundwater and estimated “normal” seasonal high groundwater, design infiltration rates, and anticipated construction considerations.

Carollo Engineers, Lake Bradford Road Wastewater Treatment Facility, Tallahassee, FL – Performed subsurface investigation of the proposed roadway and parking improvements at the Lake Bradford Wastewater Treatment Facility. Provided the client with design and reuse recommendations for each material STRATA encountered throughout project.

Florida Department of Transportation, District 3, SR 97 Pavement Core and Condition Survey, Escambia County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 97 in Escambia County, Florida. Provided the District with the types of pavement failure encountered, anticipated construction considerations, and design recommendations.

Florida Department of Transportation District 3, SR 61 Pavement Condition Survey and Design, Leon County, FL – Performed a detailed Pavement Core and Condition Survey of the existing roadway along SR 61 (North Monroe Street) at the proposed Lake Jackson Eco-Passage. Provided the client with compaction characteristics of the existing embankment material as well as design recommendations for the proposed pavement.



EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E. Geotechnical Engineering

Professional Credentials

Bachelor of Science, Civil Engineering, Tri-State University, 1974
Master of Science, Civil Engineering, Oklahoma State University, 1975
Doctor of Philosophy, Civil Engineering, Oklahoma State University, 1978
Professional Engineer in Florida
General Contractor in Florida

Professional Organizations

American Society of Civil Engineers, Past Vice-President of North Florida Section, Past President of Big Bend Chapter, Past Engineer of the Year of Big Bend Chapter
Florida Engineering Society, Past Vice-President of North Florida Region, Past President of Big Bend Chapter, Elected Fellow, Past Engineer of the Year of Big Bend Chapter
American Society of Transportation Engineers
American Public Works Association
National Society of Professional Engineers
Transportation Research Board (National Academy of Sciences), Past National Committee Chairman
Florida A&M University / Florida State University, Chairman of Civil Engineering Advisory Committee
Leon County Board of County Commissioners, Serves on Science Advisory Committee

Special Qualifications

- Over 30 years of Geotechnical design and investigation experience, including roadway studies, bridge designs and groundwater control
- Highly-skilled consensus builder on controversial projects
- Familiarity of FDOT Geotechnical Standards
- Familiarity of Construction Requirements and Techniques

Years Experience with EGS: 16

Years Experience with Other Firms: 16

Relevant Experience

Districtwide Miscellaneous Geotechnical Consultant to the Florida Department of Transportation, District 3, Chipley, FL – Provides miscellaneous services to the Florida Department of Transportation under a General Service Contract. 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.

City of Tallahassee, Department of Public Works, General Service Contract, Tallahassee, FL – Provides miscellaneous services to the City of Tallahassee under a General Service Contract. The tasks

EGS ENVIRONMENTAL & GEOTECHNICAL SPECIALISTS, INC.

Myron L. Hayden, Ph.D., P.E.

Relevant Experience, cont.

have included the Geotechnical analysis for the design life of existing culverts, culvert extensions, mast arm installation, slope evaluations, base failures, lane additions, structural foundations and stormwater pond designs. In addition, the services have included the analysis and remediation of several karst features.

Leon County, Department of Public Works, General Service Contract, Leon County, FL – Provides miscellaneous services to Leon County under a General Service Contract. The tasks have included the Geotechnical analysis for stormwater management facilities, karst impacts, slope stability, lane additions, base failures and retaining wall design.

Blair Stone Boulevard Extension North, City of Tallahassee Public Works Department, Tallahassee, FL – Project manager for the Geotechnical investigation for the roadway extension of Blair Stone Road from Park Avenue to Capital Circle North East. The investigation included the analysis of subsoils for lane additions, culvert installations, storm sewer installation, and retaining wall installation. Also included was the Geotechnical investigation for the construction of a bridged section over a wetland area, the slope stability analysis of an embankment area, and a limited contamination assessment within the limits of the project. The project included participation with a Citizens Advisory Team during the initial corridor study for this project.

Capital Circle Widening Project, City of Tallahassee, Leon County, Blueprint 2000 and Beyond – Conducted the geotechnical investigation for the widening of 5 segments of Capital Circle. The widening design included recommendations for lane additions, mast arm design, slope stability and retention wall design, culvert replacements and extensions, and stormwater treatment facilities.

Capital Cascade Trail Master Plan, Blueprint 2000 & Beyond - 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 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.

Orange Avenue Widening, Leon County Public Works Department, Leon County, FL - Served as project manager for the Geotechnical investigation for the widening of Orange Avenue from South Monroe Street to Blair Stone Road. The widening project included the addition of two additional lanes with a center grassed median. The existing adjacent stream has been designed to be rerouted through over 2,000 feet of box culverts placed under the roadway. The Geotechnical investigation also included a noise barrier wall design, mast arm installation and groundwater analysis for stormwater treatment and attenuation.



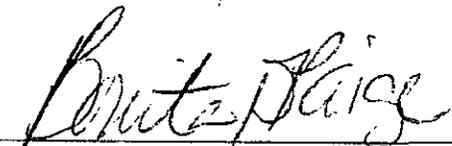


This certifies that
**ENVIRONMENTAL AND GEOTECHNICAL
SPECIALTIES, INCORPORATED**
is recognized as a
Minority/Women-Owned Business Enterprise
under the
**City of Tallahassee and Leon County
Consortium Interlocal Agreement**

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



MBE Administrator



Certification Specialist

Thurman Roddenberry and Associates, Inc. 850-962-2538

125 Sheldon Street

Thurman_TRA@Earthlink.net

P.O. Box 100

Sopchoppy, Florida 32358-0100

850-962-2538 Fax: 962-1103

FIRM PROFILE

Professional Leadership Team:

JAMES THURMAN RODDENBERRY

(Mobile: 850-251-7588)

- Established company in 1990 with 15 years prior surveying experience
- Registered Surveyor and Mapper since 1986
- Developed business from a 2 man operation to 23 employees at its peak.
- President of Corporation and overseer of entire operation

ROBERT BOEN STRICKLAND

- Graduated Faulkner College in 1992
- Registered Surveyor and Mapper 2001
- Supervises Field Operations

ROBERT DUANE RODDENBERRY

- Graduated Florida State University 1992
- Registered Surveyor and Mapper 2001
- Supervises CAD operations

CHARLES REVELL

- Registered Surveyor and Mapper 2003
- Assistant Field Supervisor

SUPPORT TEAM:

- 2 full time Auto Cadd Operators
- 1 Secretary
- Global Positioning Systems (GPS) capabilities.
3 available Field Crews with personnel and equipment capable of
Expanding to 4 crews (if necessary)



SAMPLE WORK HISTORY:

- **"M" Inc. of Tallahassee** / Construction layout work on major infrastructure projects including as-built surveys of several schools in Leon County / worked from 1990 up to present.
- **Cliff Lamb and Associates, Inc.** / Large subdivision projects, including: Boundary surveys, topographical surveys, design and monumentation, construction Layout / worked since 1995 up to present.
- **Premier Construction and Design and Sandco** / Large subdivision projects including: Topographical surveys, design and monumentation, and construction layout and as-built surveys including several schools in Leon County, FL.
- **Inovia** / Large subdivision projects including: topographical surveys, Design and monumentation, and construction layout / since 2000 to present.
- **Pine Coast Realty** / 15,000 acres in Franklin County & Liberty County / Surveyed and divided into 40 acre or larger tracts (Old Alberta Crate land)
- **Piney 'Z'** / 800 acre subdivision in Leon County / developed into approximately 800 lots
- **Banks, Realtors and Individual Clients** / Mortgage surveys, topographical Surveys, flood elevation certifications, land division surveys etc.

SCOPE OF WORK:

- Full service surveying and mapping company specializing in boundary surveys Topographical surveys, subdivision design and layout, construction layout and Survey related work to aid engineering projects.

Completed Projects

Wastewater Treatment Plant Improvements (Phases 1 and 2)

City of Live Oak, Florida
386-362-2276

Reference: Robert Farley, City Administrator

In the 1990's, the City of Live Oak designed and prepared construction documents for an upgrade to the City's aging WWTP. At that time, funding for the construction of the plant was unavailable and the construction plans were placed on the shelf. In 2004, the City of Live Oak was placed under Consent Order by the FDEP for violating effluent standards at its WWTP. In 2006, the City hired Eutaw Utilities to update the existing facility plan and prepare grant applications for the construction of the plant upgrades. Under this project, the plant capacity was increased to 1.5 MGD and the treatment process was improved to produce public access reuse effluent. The project consisted of new headworks with a mechanical screen and a manual bar screen, a 1.12 MG Eimco Carsousel®, two secondary clarifiers, and two disk filter units. During this phase of the project, Eutaw performed all construction and funding administration tasks for the City of Live Oak.

In 2008, immediately prior to start up operations for the new plant, the Florida Department of Corrections (DOC) sited a corrections facility in Suwannee County. The City of Live Oak entered into an agreement with DOC to accept and treat the wastewater flow from the facility. The agreement required an immediate increase in capacity at the newly completed WWTP.

For Phase 2, Eutaw Utilities prepared all aspects of funding for the project, including planning, grant writing, preparation of loan agreements and the administration of all grants and loans. Eutaw collaborated with Jim Stidham & Associates (JSA) on the design of the plant upgrades. With Eutaw taking the lead on site/civil components and JSA designing the process improvements, phase 2 construction included construction of an additional 1.12 MG Eimco Carousel® unit, an additional 273,600-gallon aerobic digester, and new high service pumps for the public access reuse effluent. The phase 2 improvements were completed November 2010.

Project Manager – Marc Neihaus
Site Design Engineer – William Hamner
Process Engineer – Chen Lin
Construction Administration – William Hamner
GIS and CADD Support – Mathew Hurd
Project Completion Date – November 2010
Project Cost – \$14.0 M



Reuse Forcemain

City of Live Oak, Florida
386-362-2276

Reference: Robert Farley, City Administrator

In conjunction with the Phase 2 upgrade to the City of Live Oak's WWTP, the DOC also requested reuse water to provide washing and flushing water at its facility. Eutaw Utilities provided design and construction administration of the twelve (12) mile reuse distribution system from the WWTP to the DOC facility.

*Project Manager – Marc Neihaus
Design Engineer – William Hamner
Construction Administration – William Hamner
GIS and CADD Support – Mathew Hurd
Project Completion Date – August 2010 (Construction)
Project Cost – \$5,500,000*

Ellisville Water System

Columbia County, Florida
386-758-1019

Reference: David Kraus, Utility Coordinator

Eutaw Utilities advised and guided Columbia County through the process of becoming a public utility provider after Columbia County approached Eutaw for advice concerning their entry into the utility business. Eutaw was able to draw upon our expertise and experience to present the county an array of options with respect to water, including utility ordinances and policies. Eutaw prepared and received FDEP approval of facility plans for the drinking water system, designed the water systems, and permitted the water system which included two production wells, chemical injection, a ground storage tank, hydro-pneumatic tank, high service pumps, and standby diesel generator. Eutaw also designed and permitted approximately eight miles of 12" distribution piping system complete with air release valves and residential and commercial services. Eutaw provided planning phase services, engineering design, permitting, and construction administration services for the project.

*Project Completion Date – June 2010 (Construction)
Project Cost: \$1.9M
Project Manager – Marc Neihaus
Design Engineer – William Hamner
Construction Administration – William Hamner*

Ellisville WWTP

Columbia County, Florida
386-758-1019

Reference: David Kraus, Utility Coordinator

In 2005, Columbia County decided that water and sewer service at the I-75 / US 441 interchange would benefit commercial growth in the southern portion of the county. Columbia County engaged Eutaw Utilities to establish Utility Programs for the County. In this role, we assisted in the administrative



tasks necessary to establish County policy for these utility systems. Eutaw Utilities prepared Facility Plans for Water and Sewer for Columbia County. With the approved Facility Plans, Eutaw was successful in obtaining FDEP SRF funding and legislative appropriations for the design and construction of the proposed improvements.

For the WWTP, Eutaw again teamed with Jim Stidham and Associates (JSA) and designed a 0.16 MGD, SBR treatment plant providing tertiary treatment of the wastewater. The plant design included a 5 MG storage tank for storage of reuse effluent and a spray irrigation disposal system. In this very sensitive basin, JSA provided the process engineering necessary to permit the treatment plant as public access reuse. Dr. Chen Lin of JSA has an exceptional working relationship with the FDEP regulatory arm in Jacksonville and the permit process was completed without delay. Eutaw Utilities provided all site/civil design including site, stormwater, and structural designs and environmental permitting for the site. The permit and construction plans were completed in 2009, with bids received in August 2009.

Project Manager – Marc Neihaus
Site Design Engineer – William Hamner
Process Design Engineer – Chen Lin
Project Completion Date – July 2009 (Construction)
Project Cost – \$3.7M

City Wide Wastewater Collection System

City of Webster, Florida
352-793-2073

Reference: Stephen Croft, Mayor

The City of Webster had been in the water business, but had no municipal wastewater services within the town. EUI was instrumental in the formation of an interlocal agreement to upgrade the Bushnell WWTP to accept wastewater from the City of Webster. Eutaw Utilities, Inc. also provided help with the policy and ordinances necessary for the city to add their wastewater services to their existing water and solid waste services for purposes of billing. We assisted the city in setting capacity charges and policy for connection to the central system.

EUI designed, permitted and administered construction of a city-wide gravity collection system. The project consisted of 10 lift stations ranging from 3 to 50 HP along with 6.5 miles of gravity collection lines. To convey the wastewater to Bushnell, Eutaw Utilities designed, permitted and administered construction of an eight mile force main. Eutaw assisted the City in implementing a long-term Capital Finance Plan involving CDBG Funds, Legislative Appropriations, Federal Hardship Grant, and Small Disadvantaged Community Grant Funds to provide total project funding .

Project Manager – Marc Neihaus
Project Engineer – Marc Neihaus, William Hamner
Completion Date – 2006
Project Cost – \$12,000,000



Reuse Forcemain

Wakulla County, Florida
850-926-7616

Reference: Cleve Fleming, Public Works Director

Eutaw Utilities worked with Wakulla County, the Northwest Florida Water Management District, and local commercial businesses to develop a Reuse program to dispose of the effluent from the Otter Creek Wastewater Treatment Plant. Eutaw was able to obtain a \$500,000 grant from the NFWMD to construct an eight (8) mile reuse line along US 98 in Wakulla County. Eutaw provided planning, design and construction administration for Wakulla County on this project.

Project Manager - Marc Neihaus

Design Engineer - Matthew Hurd

Construction Administration - Matthew Hurd

Project Completion Date: - October 2010(Construction)

Project Cost - \$500,000

Wakulla Gardens Wastewater Collection System

Wakulla County, Florida
850-926-7616

Reference: Cleve Fleming, Public Works Director

Wakulla Gardens is a large residential development in rural Wakulla County that was platted during the 1960's. The subdivision has over 3,000 lots that were platted at roughly 1/8 acre in size. No provision for sewage disposal was provided for the development, which led to the presence of extensive onsite disposal systems on these small lots. Eutaw Utilities worked with Wakulla County to design a central sewer collection system for this large development. The design included over 20 miles of gravity sewer piping and twenty lift stations. Plans for the system have been completed, but the project is awaiting funding.

Project Manager - Marc Neihaus

Project Designer - Matt Hurd, William Hamner, Lane Lucas

Completion Date - November 2010 (Design)

Project Cost - \$12,000,000



Current Design Projects

Sanitary Sewer Improvements

City of Live Oak, Florida

813-917-4261

Reference: Andy Hooper, Project Coordinator, WRSSCompass

Eutaw Utilities is currently providing construction engineering and administration on a design-build sanitary sewer improvement project with WRSSCompass, Inc. for the City of Live Oak, Florida. The project includes the cleaning, evaluation and repair of the City's aging wastewater collection system. Repairs include direct replacement of pipe and manholes, pipebursting, and pipe-lining using cured-in-place-piping (CIPP).

Project Manager – Marc Neihaus

Project Engineer – Matt Hurd, Lane Lucas

Estimated Completion Date – November 2011 (Construction)

Estimated Construction Cost – \$8,400,000

Alachua Advanced Wastewater Reclamation Facility (AWRF)

City of Alachua Florida

386-418-6140

Reference: Mike New, P.E., Public Works Director

Eutaw Utilities, Inc. is the Engineer of Record for the soon to be completed Wastewater Treatment Plant in the City of Alachua, Florida. The plant will have a capacity of 1.5 MGD with treatment providing Public Access Reuse Effluent. Eutaw Utilities provided engineering design services and is currently providing Engineering Services During Construction.

Eutaw Utilities assumed the EOR position on this project after a previous consultant failed to meet the needs of the City of Alachua. In 2009, the City and its consultant parted ways, leaving the City without final construction documents and the arranged financing of the project in jeopardy. The City of Alachua retained Eutaw Utilities to complete the construction documents and to ensure that funding for the project remained intact. During this process, Eutaw Utilities was able to obtain additional funding for the project in the amount of \$10,000,000 from the American Recovery and Reinvestment Act

The project includes the construction of a 1.5 MGD meeting AWT PAR standards. The headworks have a mechanical bar screen and a cyclonic grit removal system. The aeration basin utilizes an Eimco Carrousel®. Two circular clarifiers are being constructed, in addition to secondary filtration, a 5 MG storage tank with high service pumps, centrifugal drying equipment and various buildings at the project site.

Eutaw is currently serving the City through construction administration services, maintaining an onsite office and providing the daily technical services during construction, reviewing submittals and answering requests for information. Construction of the Alachua AWRF is expected to be completed April 2011. In addition to providing engineering services, Eutaw Utilities was instrumental in assisting the City of



Alachua obtain \$20 million through the American Recovery and Reinvestment Act (ARRA).

Engineer of Record - Marc Neihaus

Project Manager - Marc Neihaus

Process Design - Chen Lin

Site Design - William Hamner

Construction Management - Marc Neihaus, William Hamner

Estimated Project Completion Date - April 2011

Project Cost - \$20M

Otter Creek Wastewater Treatment Plant

Wakulla County, Florida

850-926-7616

Reference: Cleve Fleming, Public Works Director

Eutaw Utilities is currently working to obtain funding through the United States Department of Agriculture Rural Development Program (USDA RD) for the expansion of the Wakulla County wastewater treatment plant. The *Preliminary Engineering Report and Environmental Review* have been completed and the project is undergoing review at the USDA Gainesville office. The plant design includes upgrades to the County's current Wastewater Treatment plant and will increase plant capacity from 0.6 mgd to 1.6 mgd. The new plant design will also upgrade the treatment capability to provide public access reuse effluent. Eutaw Utilities is providing all site/civil design including site, stormwater, and structural designs and environmental permitting for the site.

Eutaw Utilities was influential in helping the County obtain several large Legislative Appropriations and has provided Administration and Planning assistance so that they could obtain a low interest loan through the FDEP State Revolving Fund Loan Program for a force main and lift station along Spring Creek Highway. Wakulla County also applied for and received Legislative funding to support the plant improvements.

Eutaw also wrote the inter-local agreements between the County and reuse customers as well as the inter-local agreements with the City of Sopchoppy and Talquin Electric Cooperative to connect their entire systems to the County Wastewater Treatment Plant.

Project Manager - Marc Neihaus

Design Engineer - William Hamner

Process Design - Chen Lin

Project Completion Date - July 2011 (Design)

Project Cost - \$8,500,000



Quality Control Processes

Eutaw believes that Quality Control is not a process that occurs immediately before submittal dates or project completions. At Eutaw, QC is an ongoing activity throughout the design process. We believe that a critical component of the Quality of a project is effective coordination and communication with regulatory agencies. As demonstrated in our projects identified above, we have extensive experience working on projects with significant involvement of other state or regional regulatory agencies. Whether the project is under the jurisdiction of FDOT, a Water Management District or local governmental agencies, we strive to work closely with the regulatory agencies to ensure an appropriate and permissible design is reached the first time.

Eutaw's formal QC process is similar to well-known and widely applied methods used by consultants and industry throughout the country. All studies, plans, specifications, reports, surveys, cost estimates, etc. are prepared and signed by the originator. A peer professional, who is not involved with the project, checks each product for accuracy and completeness. The deficiencies / errors which are found are then returned to the originator for correction. The originator verifies the comment and responds, either through correction or explanation of the situation. The peer professional then reviews the revisions / responses for concurrence. The Project Manager then reviews all checked documents for consistency with the project requirements and technical adequacy.

In addition to our internal Quality Control program, Eutaw will insure that each subconsultant on the team also has appropriate quality control processes in place, and that they are used actively throughout the project.



Available Resources

Our staff utilizes state-of-the-art software coupled with good old fashioned common sense to develop cost effective and efficient solutions to infrastructure projects. We strive to produce construction documents that are complete, accurate, and fully convey the project requirements to the contractor. We work diligently during the design phase to develop workable, affordable solutions that are tailored to meet government needs.

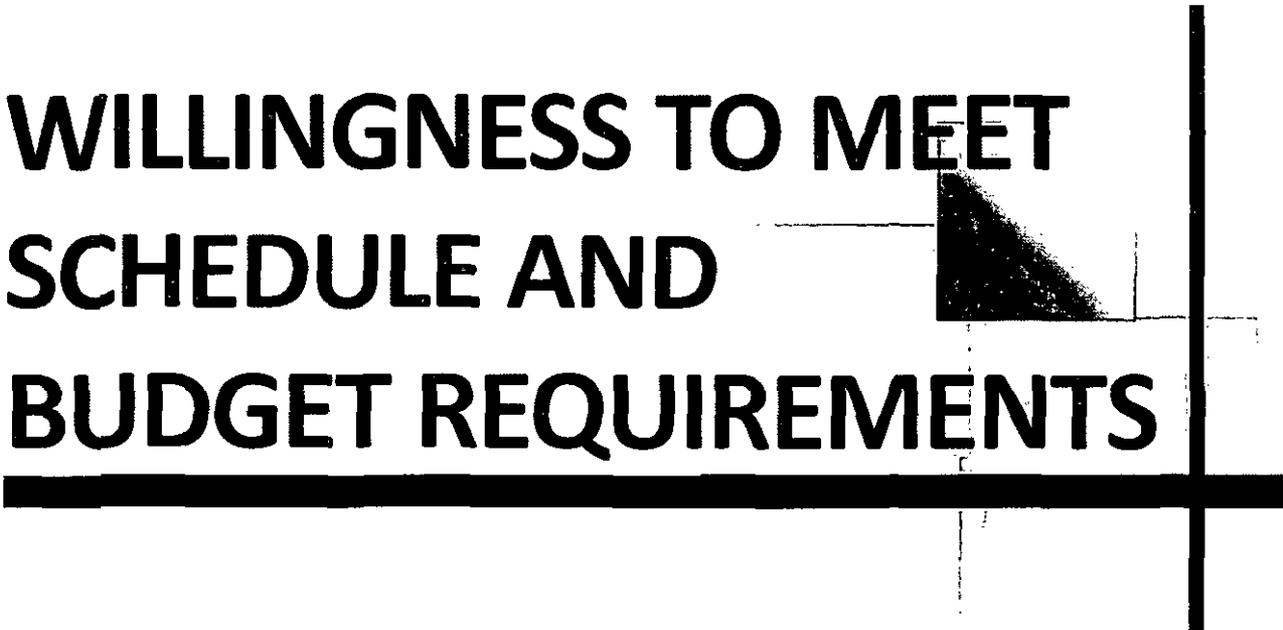
Our engineers offer superior long-standing relationships with the regulatory agencies including the Florida Department of Transportation, Florida Department of Environmental Protection, and the Northwest Florida Water Management District (NFWWMD). We have worked on special opportunities through NFWWMD and helped secure direct appropriations from the Legislature (CBIRS). Our engineering team has published a number of Drinking Water and Wastewater Facility Plans following the guidelines of the FDEP. Our knowledge of the requirements of the state regulatory programs and our ongoing working relationships with state officials and employees are assets we will bring to bear on your projects. Our main office is strategically located less than two miles away from the FDEP and the state capitol. Quick and easy access to governmental agencies has been critical to providing timely services to our clients.

In addition to our technical capabilities, we have extensive experience in the procurement of funding for the planning, design and construction of public infrastructure projects. We have worked on numerous projects funded through the Department of Community Affairs' Community Development Block Grant program, Florida Department of Environmental Protection, American Reinvestment and Recovery Act, and United States Department of Agriculture and are extremely familiar with the requirements, scheduling and constraints on these types of projects. Through these projects, we have the experience and expertise necessary to guide your projects to completion in accordance with state and/or federal guidelines.



Specific Proposal Information
Utility Engineering
Section C

**WILLINGNESS TO MEET
SCHEDULE AND
BUDGET REQUIREMENTS**



Willingness to Meet Schedule and Budget Requirements

Eutaw Utilities has extensive work experience with local and state government infrastructure improvement projects that have fixed project budgets. To ensure that the project budget is not exceeded, we work diligently to assess and estimate the project costs throughout the development of the project design. We perform cost estimates at the conceptual, preliminary, 60%, 90% and 100% stages of the project to ensure that the project budget is being maintained with the design. We work diligently throughout the project design to evaluate the costs and cost-effectiveness of the design alternatives. During the development of the design, we will coordinate our design decisions and recommendations with the County and provide cost implications of the alternatives recommended for the project. Through this ongoing 'value-engineering', we can tailor the project design to meet the needs of the County, while maintaining the budgetary constraints of each project.

We understand the critical time element of many public infrastructure projects. Under this contract, we anticipate smaller, more time sensitive assignments. To ensure that the schedule is achieved, we will work closely at project startup to develop a feasible, critical path schedule. To maintain the schedule, we have weekly progress meetings to ensure that the critical path is being maintained. Where critical elements have been delayed or taken longer than expected, we will communicate with the County, and provide revised schedules that expedite other portions of the project to meet the schedule. When necessary, we will utilize additional project personnel to overcome any schedule delays to ensure that delivery of the project to the County is achieved on time.



Specific Proposal Information
Utility Engineering
Section D

**EFFECT OF FIRM'S
RECENT, CURRENT AND
PROJECTED WORKLOAD**

Effect of Firm's Current, Recent and Projected Workload

Many of the projects that Eutaw Utilities has been recently involved with were funded by the American Recovery and Reinvestment Act (ARRA) of 2009. Our staff has been working at a feverish pace over the last year to bring these projects to successful completion. Our work in the City of Alachua and the majority of our utility work in the City of Live Oak should be completed by the end of April 2011.

Our staff, which has been dedicated to bringing our current projects to completion, is ready to continue our high pace of production on task orders for Leon County on this contract. The following projects constitute our anticipated workload when this contract begins in late Spring 2011.

City of Live Oak

Stormwater Projects: By early summer, the current stormwater design projects should be in construction, which will require construction administration services and technical services during construction. Assigned staff include Lane Lucas (5%), Kirk Swanner (25%).

Sewer Rehabilitation: This design-build project is scheduled for completion in November 2011. Eutaw staff will continue to provide construction administration and technical services during construction until the completion of the project. Assigned staff includes Marc Neihaus (5%), Ruby McDuffie (10%).

Water Improvements Phase 2: By early summer, the construction of this project should be approximately 50% complete, with an estimated completion date of August 2011. Assigned staff includes Lane Lucas (5%), Kirk Swanner (10%).

City of Webster

Stormwater Projects: Eutaw Utilities will continue to develop stormwater improvement projects with the City of Webster. As the City Engineer, Eutaw will continue to provide additional miscellaneous design services over the next year. Assigned staff includes Lane Lucas (10%), Marc Neihaus (10%), Matt Hurd (10%), Ruby McDuffie (10%).

Wakulla County

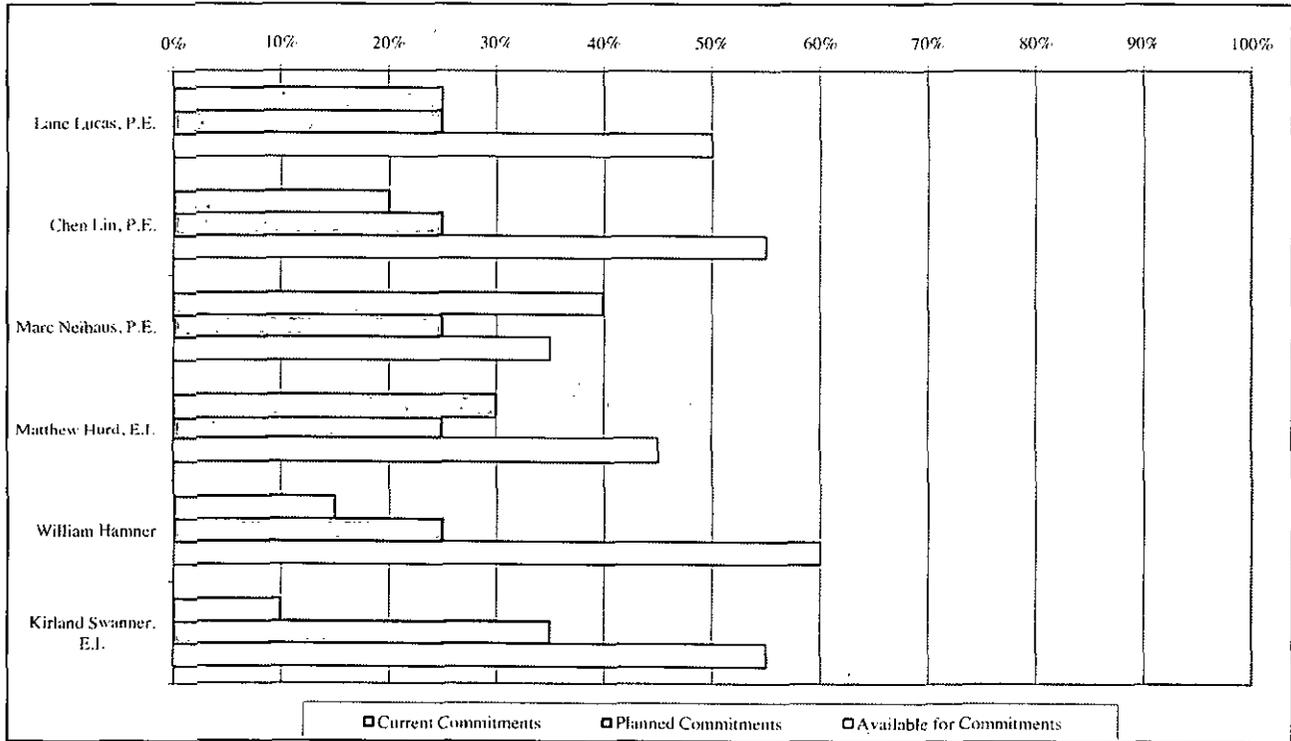
Wastewater Design Services and Services During Construction: Eutaw is currently working with Wakulla County to provide wastewater transmission projects and an upgrade to the County's wastewater treatment plant. These services will continue over the next year and will include both design services and construction administration. Assigned staff includes Lane Lucas (5%), Chen Lin (25%), Marc Neihaus (10%), Matt Hurd (15%), William Hamner (25%), Ruby McDuffie (10%), Sandy McCart (5%).

Availability

As shown above, our current workload is winding down, providing more than ample resources to serve Leon County on this contract. Based upon the workload shown above, our staff availability to serve Leon County is shown in the attached graph.

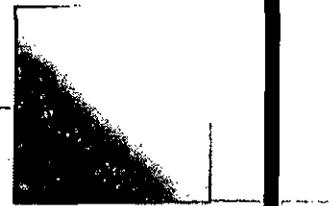


Staff Availability



**Specific Proposal Information
Utility Engineering
Section E**

**EFFECT OF
PROJECT TEAM
LOCATION**



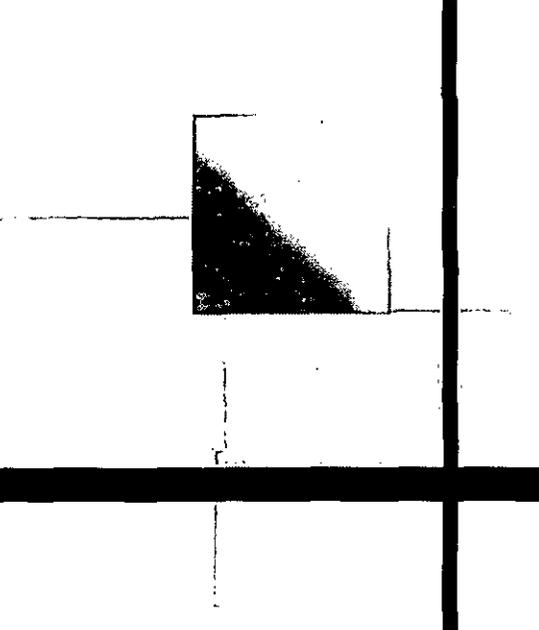
Effect of Project Team Location

Eutaw Utilities is located at 415 St. Francis Street, Unit 114, Tallahassee, Florida 32301. We are approximately 10 minutes from the County's facility on Miccosukee Road and within 30 minutes of any area of Leon County. With our centralized location, we are in position to respond to any project issues that may arise under this contract.



Specific Proposal Information
Utility Engineering
Section F

**APPROACH TO
THE PROJECT**



Approach to Project

Eutaw Utilities, Inc. understands the challenges that communities face to meet the needs of their current residents and to plan for future growth of the community. Our goal in a continuing service role is to function as an extension of the Public Work's staff in meeting the needs of the community. For our current clients, we provide engineering services in this manner, as well as assisting in funding, political, and administrative hurdles that projects sometimes encounter. We have been successful in this role for our current clients, and feel confident that we will be able to effectively assist Leon County in meeting its challenges under this contract.

To demonstrate our understanding of the nature of the work and results to be accomplished under this contract, this section discusses the typical Eutaw team approach. Our typical project Approach consists of five major tasks: Project Startup, Conceptual Design, Data Collection, Final Design, and Services During Construction.

Project Startup

For any assignments, Eutaw's Project Manager, Lane Lucas, reviews the work order and determines the team members necessary to complete the project. Team members are chosen to ensure the project is adequately staffed with the right expertise for the assignment. Key staff from each firm and the local government will be organized for an in-depth field review to ensure that all aspects of the scope are understood and correlate to the existing field conditions.

Following the field review, Lane will coordinate with the local staff to ensure that the desired end result is understood and then develop a scope of service that clearly defines the work required to achieve the project goal. The project team will then assemble the required staff hours, project schedule and a project specific quality control plan for submittal to the County's Project Manager.

Conceptual Design

The Eutaw team understands that the success of a project depends upon the quality of decisions made during the early stages of the project. We believe that analysis of all feasible alternatives is mandatory early in the project to guard against design changes, rework and delays to the project. With the wealth of information currently available online and through various state databases, we can compile ample data to develop design concepts for evaluation without expending valuable resources for detailed data collection.

Using the available data, we will explore and evaluate potential alternatives for the project. Following this evaluation, Eutaw will develop and submit a conceptual design package, including preliminary design concepts, cost estimates, and regulatory/permit constraints on the project. The concept design package will be reviewed with the County for concurrence prior to undertaking final design.

Data Collection

As discussed above, we intend to utilize all available information to streamline the data collection efforts on projects in the contract by developing feasible conceptual designs prior to extensive data collection. Through this process, we will be able to eliminate unnecessary data collection efforts, which will improve efficiency, reduce costs and expedite the project schedule.



Once the limits of data collection are established, our team will rely on the experience of Thurman Roddenberry & Associates, Inc. for surveying and mapping services to collect the necessary detailed information for final design. TRA has performed survey and mapping services throughout the Florida panhandle and is very familiar with the needs and requirements for design survey data collection. Thurman of TRA and Lane Lucas of Eutaw have previously collaborated on many projects. Through their experience, TRA and Eutaw will be able to tailor the data collection required and collect the data in a cost-effective and efficient manner.

For geotechnical and environmental data collection, the Eutaw Team will rely on the experience and expertise of Environmental and Geotechnical Specialists, Inc. Tom Hayden and Judy Hayden are well known for their professionalism, accuracy and thoroughness. Lane has worked with the EGS staff on many public infrastructure improvement projects and their experience together will provide for efficient, cost-effective data collection on the projects assigned under this contract.

Final Design

During the final design process, we will cultivate the conceptual design into a complete and concise set of Plans and Specifications for bidding of the project. We are committed to utilizing state of the art software to develop and refine project designs, and we couple the information technology with good old fashioned common sense to develop feasible, affordable project designs. We will work closely with the County, utility agencies, regulatory agencies and any interested parties to ensure that the intent of the project is being met with a permissible and constructible design that meets the intent of the project.

We understand that many public improvement projects are dependent on public support and we are committed to work closely with the county and any local groups to provide project information to keep the public informed of the project, its intent and its potential impacts. We understand that community awareness is critical to public support, and therefore the success of the project.

Services During Construction

Eutaw Utilities has extensive experience providing Technical Services During Construction, starting with Bidding public infrastructure projects through Startup and Closeout of the construction phase service. Our staff has been instrumental in administering construction projects for the City of Live Oak, Columbia County, the City of Alachua and the City of Webster. For each of these clients, we have provided thorough SDC services, administering projects with construction costs up to \$20 million dollars.

During this phase of the project, we typically will have an onsite representative designated for the duration of construction. For specific portions of the project, we will provide the required expertise and experience to ensure that the project is constructed in accordance with the plans and specifications and that the contractor is providing quality workmanship for your community's infrastructure improvement.

