

**CONTRACT CONTINUING PROFESSIONAL
ENGINEERING SERVICES**

This Contract is made and entered into this 13th day of April 2021, by and between SANTA ROSA COUNTY, FLORIDA, (“COUNTY”), a political subdivision of the State of Florida, located at 6495 Caroline Street, Suite C, Milton, Florida 32570, and AMERICAN CONSULTING ENGINEERS OF FLORIDA, LLC., whose principal place of business is at 4489 Woodbine Road, Pace, Florida 32571 (the “Consultant”), whose Federal I.D. number is 04-3682340, in connection with Santa Rosa County Request for Qualifications No. 21-006 and the professional services set forth therein.

W I T N E S S E T H

WHEREAS, the County has pursued the professional services selection process contemplated under section 287.055, Florida Statutes; and

WHEREAS, Santa Rosa County desires to continue the Professional Engineering Services of the Consultant concerning said services being more fully described in the exhibits attached to this Contract.

NOW, THEREFORE, in consideration of the mutual promises herein, the County and the Consultant agree as follows:

**ARTICLE ONE
CONSULTANT’S RESPONSIBILITY**

1.1. Consultant shall provide to County continuing professional engineering consulting services for the duration of the Contract.

1.2. The Services required under this Contract to be performed by Consultant shall be those set forth in Article Two and Contract Manual as Exhibit A and shall be issued periodically as Notice to Proceeds. The basis of compensation to be paid Consultant by the County for Services is set forth in Article Five and Schedule A, “Basis of Compensation” attached to each Notice to Proceed, which is attached hereto and incorporated herein. Work Authorization requests will be made to Consultant as may be warranted, including but not limited to updates of plans, designs of improvements, field and construction services, acquisition analysis, and permitting activities as may be reasonably contemplated hereunder.

1.3. The Consultant agrees to obtain and maintain throughout the period of this Contract all such licenses as are required to do business in the State of Florida, including, but not limited to, all licenses required by the respective state boards, and other governmental agencies responsible for regulating and licensing the professional services to be provided and performed by the Consultant pursuant to this Contract.

1.4. The Consultant agrees that, when the services to be provided hereunder relate to a professional service which, under Florida Statutes, requires a license, certificate of authorization or other form of legal entitlement to practice such services, it shall employ and/or retain only qualified personnel to provide such services.

1.5. Consultant agrees that the Project Manager for the term of this Contract shall be:

Kari Edwards PE, Project Engineer

The Consultant agrees that the Project Manager shall devote whatever time is required to satisfactorily manage the services to be provided and performed by the Consultant hereunder. The person selected by the Consultant to serve as the Project Manager shall be subject to the prior approval and acceptance of the County, such approval or acceptance shall not be unreasonably withheld.

1.6. Consultant agrees, within fourteen (14) calendar days of receipt of a written request from the County, to promptly remove and replace from the project team the Project Manager, or any other personnel employed or retained by the Consultant, or any subconsultants or subcontractors or any personnel of any such subconsultants or subcontractors engaged by the Consultant to provide and perform services or work pursuant to the requirements of this Contract, whom the County shall request in writing to be removed, which request may be made by the County with or without cause.

1.7. The Consultant has represented to the County that it has expertise in the type of professional services that will be required for the Project. The Consultant agrees that all services to be provided by Consultant pursuant to this Contract shall be subject to the County's review and approval and shall be in accordance with the generally accepted standards of professional practice in the State of Florida, as well as in accordance with all published laws, statutes, ordinances, codes, rules, regulations and requirements of any governmental agencies which regulate or have jurisdiction over the Project or the services to be provided and performed by Consultant hereunder. In the event of any conflicts in these requirements, the Consultant shall notify the County of such conflict and utilize its best professional judgment to advise County regarding resolution of the conflict.

1.8. Consultant agrees not to divulge, furnish or make available to any third person, firm or organization, without County's prior written consent, or unless incident to the proper performance of the Consultant's obligations hereunder, or in the course of judicial or legislative proceedings where such information has been properly subpoenaed, any non-public information concerning the services to be rendered by Consultant hereunder, and Consultant shall require all of its employees, agents, subconsultants and subcontractors to comply with the provisions of this paragraph.

1.9. Evaluations of the County's adopted capital improvement budget, preliminary estimates of construction cost and detailed estimates of construction cost prepared by the Consultant represent the Consultant's best judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that bids or negotiated prices will not

vary from any estimate of construction cost or evaluation prepared or agreed to by the Consultant. Notwithstanding anything above to the contrary, Consultant shall revise and modify Construction Documents and assist in the rebidding of the work at no additional cost to County, if all responsive and responsible bids exceed the estimates of construction costs prepared by Consultant.

1.10. Consultant shall not be responsible for means, methods, techniques, sequences or procedures of construction selected by contractors or the safety precautions and programs incident to the work of contractors.

**ARTICLE TWO
SERVICES OF CONSULTANT**

2.1. As authorized or required by the County in a Notice to Proceed, and agreed to by Consultant, Consultant shall furnish or obtain from other Services of the types listed in the Proposal submitted January 12, 2021, attached as Exhibit B. These services will be paid for by the County as indicated in Article Five and Schedule A and as confirmed in each Notice to Proceed.

**ARTICLE THREE
COUNTY'S RESPONSIBILITIES**

3.1. The County shall designate in writing a representative to act as County's representative with respect to the services to be rendered under this Contract (hereinafter referred to as the "County's Representative"). The County's Representative shall have County transmit instructions, receive information, interpret and define County's policies and decisions with respect to Consultant's services for the Project. However, the County's Representative is not authorized to issue any verbal or written orders or instructions to the Consultant that would have the effect, or be interpreted to have the effect, of modifying or changing in any way whatever:

- a. The scope of services to be provided and performed by the Consultant hereunder;
- b. The time the Consultant is obligated to commence and complete all such services;
or
- c. The amount of compensation the County is obligated or committed to pay the Consultant.

3.2. The County's Representative shall:

- a. Review and make appropriate recommendations on all requests submitted by the Consultant for payment for services and work provided and performed in accordance with this Contract;
- b. Provide all criteria and information requested by Consultant as to County's requirements, for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations;

c. Upon request from Consultant, assist Consultant by placing at Consultant's disposal all available information in the County's possession pertinent to the Project, including existing drawings, specifications, shop drawings, product literature, previous reports and any other data relative to design or construction of the Project;

d. Arrange for access to and make all provisions for Consultant to enter the Project site to perform the services to be provided by Consultant under this Contract; and

e. Provide notice to Consultant of any deficiencies or defects discovered by the County with respect to the services to be rendered by Consultant hereunder.

3.3. Consultant acknowledges that access to the Project Site, to be arranged by County for Consultant, may be provided during times that are not the normal business hours of the Consultant.

3.4. County shall be responsible for the acquisition of all easements, property sites, rights-of-way, or other property rights required for the Project and for the costs thereof, including the costs of any required land surveys in connection with such acquisition.

3.5. For the purposes of this Contract, the County's Representative shall be:

Dan Schebler, County Administrator

ARTICLE FOUR TIME

4.1. Services to be rendered by Consultant shall be commenced subsequent to the execution of any Notice to Proceeds issued pursuant to this Contract, after receiving written Notice to Proceed from County for all or any designated portion of the Project and shall be performed and completed in accordance with the Project Schedule attached to the Notice to Proceed for the Project.

4.2. Should Consultant be obstructed or delayed in the prosecution or completion of its services as a result of unforeseeable causes beyond the control of Consultant, and not due to its own fault or neglect, including but not restricted to acts of God or of public enemy, acts of government or of the County, fires, floods, epidemics, quarantine regulations, strikes or lock-outs, then Consultant shall notify County in writing within five (5) working days after commencement of such delay, stating the cause or causes thereof, or be deemed to have waived any right which Consultant may have had to request a time extension.

4.3. No interruption, interference, inefficiency, suspension or delay in the commencement or progress of Consultant's services from any cause whatsoever, including those for which County may be responsible in whole or in part, shall relieve Consultant of its duty to perform or give rise to any right to damages or additional compensation from County. Consultant's sole remedy against County will be the right to seek an extension of time to its schedule. This paragraph shall

expressly apply to claims for early completion, as well as claims based on late completion. Provided, however, if through no fault or neglect of the Consultant, the services to be provided hereunder have not been completed within the schedule identified in the Notice to Proceed, the Consultant's compensation shall be equitably adjusted, with respect to those services that have not yet been performed, to reflect the incremental increase in costs experienced by Consultant.

4.4. Should the Consultant fail to commence, provide, perform or complete any of the services to be provided hereunder in a timely and reasonable manner, in addition to any other rights or remedies available to the County hereunder, the County at its sole discretion and option may withhold any and all payments due and owing to the Consultant until such time as the Consultant resumes performance of its obligations hereunder in such a manner so as to reasonably establish to the County's satisfaction that the Consultant's performance is or will shortly be back on schedule.

ARTICLE FIVE COMPENSATION

5.1. Compensation and the manner of payment of such compensation by the County for services rendered hereunder by Consultant shall be as prescribed in Schedule A, entitled "Basis of Compensation," and Exhibit C which are attached hereto and made a part hereof.

5.2. The total amount to be paid by the County under this Contract for all services and materials, including "out of pocket" expenses and any approved subcontracts, shall not exceed the amount set forth in the approved Notice to Proceeds without prior approval of the County. The Consultant shall notify the County's Representative in writing when 90% of the "not to exceed amount" has been reached.

5.3. Invoices received by the County from the Consultant pursuant to this Contract will be reviewed and approved in writing by the County's Representative, who shall indicate whether services have been rendered in conformity with the Contract, and then sent to the County's Office of Management and Budget for processing payment. All invoices shall contain a detailed breakdown of the services provided for which payment is being requested. Invoices shall be paid within thirty (30) days following the County Representative's approval, who shall process all payments in accordance with the Florida Prompt Payment Act or advise Consultant in writing of reasons for not processing same. In addition to detailed invoices, upon request of the County's Representative, Consultant will provide County with detailed periodic Status Reports on the project.

5.4. "Out-of-pocket" expenses shall be reimbursed in accordance with Florida law and Schedule A. All requests for payment of "out-of-pocket" expenses eligible for reimbursement under the terms of this Contract shall include copies of paid receipts, invoices, or other documentation acceptable to the County's Representative. Such documentation shall be sufficient to establish that the expense was actually incurred and necessary in the performance of the Scope of Work described in this Contract.

5.5. In order for both parties herein to close their books and records, the Consultant will clearly state "final invoice" on the Consultant's final/last billing to the County for each Notice to Proceed. This final invoice shall also certify that all services provided by Consultant have been performed in accordance with the applicable Notice to Proceed and all charges and costs have been invoiced to the County. Because this account will thereupon be closed, any and other further charges not included on this final invoice are waived by the Consultant. Acceptance of final payment by Consultant shall constitute a waiver of all claims and liens against County for additional payment.

**ARTICLE SIX
WAIVER OF CLAIMS**

6.1. Consultant's acceptance of final payment shall constitute a full waiver of any and all claims related to the obligation of payment by it against County arising out of this Contract or otherwise related to the Project, except those previously made in writing and identified by Consultant as unsettled at the time of the final payment. Neither the acceptance of Consultant's services nor payment by County shall be deemed to be a waiver of any of County's rights against Consultant.

**ARTICLE SEVEN
TRUTH IN NEGOTIATION REPRESENTATIONS**

7.1. Consultant warrants that Consultant has not employed or retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Contract and that Consultant has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for Consultant, any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Contract.

7.2. In accordance with provisions of Section 287.055(5)(a), Florida Statutes, the signature of this Contract by the Consultant shall also act as the execution of a truth in negotiation certificate certifying that the wage rates, overhead charges, and other costs used to determine the compensation provided for in this Contract are accurate, complete and current as of the date of the Contract and no higher than those charged the Consultant's most favored customer for the same or substantially similar service. Should the County determine that said rates and costs were significantly increased due to incomplete, noncurrent or inaccurate representation, then said rates and compensation provided for in this Contract shall be adjusted accordingly.

**ARTICLE EIGHT
TERMINATION OR SUSPENSION**

8.1. Consultant shall be considered in material default of this Contract and such default will be considered cause for County to terminate this Contract, in whole or in part, as further set forth in this section, for any of the following reasons: (a) failure to begin work under the Contract within a reasonable time after issuance of the Notice(s) to Proceed of a Notice to Proceed, or (b) failure to properly and timely perform the services to be provided hereunder or as directed by County pursuant to this Contract, or (c) the bankruptcy or insolvency or a general assignment for the benefit of creditors by Consultant or by any of Consultant's principals, officers or directors,

or (d) failure to obey laws, ordinances, regulations or other codes of conduct, or (e) failure to perform or abide by the terms or spirit of this Contract, or (f) for any other just cause. The County may so terminate this Contract, in whole or in part, by giving the Consultant seven (7) calendar days' written notice.

8.2. If, after notice of termination of this Contract as provided for in paragraph 8.1 above, it is determined for any reason that Consultant was not, in default, or that its default was excusable, or that County otherwise was not entitled to the remedy against Consultant provided for in paragraph 8.1, then the notice of termination given pursuant to paragraph 8.1 shall be deemed to be the notice of termination provided for in paragraph 8.3 below and Consultant's remedies against County shall be the same as and limited to those afforded Consultant under paragraph 8.3 below.

8.3. County shall have the right to terminate this Contract, in whole or in part, without cause upon seven (7) calendar days' written notice to Consultant. In the event of such termination for convenience, Consultant's recovery against County shall be limited to that portion of the fee earned through the date of termination, together with any retainage withheld and any costs reasonably incurred by Consultant that are directly attributable to the termination, but Consultant shall not be entitled to any other or further recovery against County, including, but not limited to, anticipated fees or profits on work not required to be performed.

8.4. Upon termination, the Consultant shall deliver to the County all original papers, records, documents, drawings, models, and other material set forth and described in this Contract.

8.5. The County shall have the power to suspend all or any portions of the services to be provided by Consultant hereunder upon giving Consultant two (2) calendar days prior written notice of such suspension. If all or any portion of the services to be rendered hereunder are so suspended, the Consultant's sole and exclusive remedy shall be to seek an extension of time to its schedule in accordance with the procedures set forth in Article Four herein.

ARTICLE NINE PERSONNEL

9.1. The Consultant is, and shall be, in the performance of all work services and activities under this Contract, an Independent Contractor, and not an employee, agent, or servant of the County. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the Consultant's sole direction, supervision, and control. The Consultant shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the Consultant's relationship and the relationship of its employees to the County shall be that of an Independent Contractor and not as employees or agents of the County.

9.2. The Consultant represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the County, nor shall such personnel be entitled to any benefits of the County including, but not limited to, pension, health and workers' compensation benefits.

9.3. All of the services required hereunder shall be performed by the Consultant or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

9.4. Any changes or substitutions in the Consultant's key personnel, as may be listed in Consultant's statement of qualifications, must be made known to the County's Representative and written approval must be granted by the County's Representative before said change or substitution can become effective, said approval for which shall not unreasonably be withheld.

9.5. The Consultant warrants that all services shall be performed by skilled and competent personnel to professional standards applicable to firms of similar local and national reputation.

9.10. The Consultant warrants that it fully complies with all Federal Executive Orders, statutes and regulations regarding the employment of undocumented workers and others and that all employees performing work under this Agreement meet the citizenship or immigration status requirements set forth in Federal Executive Orders, statutes and regulations. Consultant shall indemnify, defend and hold harmless the County, its officers and employees from and against any sanctions and any other liability which may be assessed against the Contractor in connection with any alleged violation of any Federal statutes or regulations pertaining to the eligibility for employment of any persons performing work hereunder.

9.11. The employees and agents of each party, shall while on the premises of the other party, comply with all rules and regulations of the premises, including, but not limited to, security requirements.

ARTICLE TEN SUBCONTRACTING

10.1. Consultant shall not subcontract any services or work to be provided to County without the prior written approval of the County's Representative. The County reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this Contract. The County's acceptance of a subcontractor shall not be unreasonably withheld. The Consultant is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities.

**ARTICLE ELEVEN
FEDERAL AND STATE TAX**

11.1. The County is exempt from payment of Florida state sales and use taxes. The Consultant shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the County, nor is the Consultant authorized to use the County's tax exemption number in securing such materials.

11.2. The Consultant shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes, and benefits with respect to this Contract.

**ARTICLE TWELVE
OWNERSHIP OF DOCUMENTS**

12.1. Upon completion or termination of this Contract, all records, documents, tracings, plans, specifications, maps, evaluations, reports, computer assisted design or drafting disks and other technical data, other than working papers, prepared or developed by Consultant under this Contract shall be delivered to and become the property of County. Consultant, at its own expense, may retain copies for its files and internal use.

12.2. The County and the Consultant shall comply with the provisions of Chapter 119, Florida Statutes, pertaining to public records. Consultant assumes no liability for the use of such documents by the County or others for purposes not intended under this Contract.

**ARTICLE THIRTEEN
MAINTENANCE OF RECORDS & PUBLIC RECORDS**

13.1. Consultant will keep adequate records and supporting documentation which concern or reflect its services hereunder. The records and documentation will be retained by Consultant for a minimum of three (3) years from the date of termination of this Contract or the date the Project is completed, whichever is later. County, or any duly authorized agents or representatives of County, shall have the right to audit, inspect and copy all such records and documentation as often as they deem necessary during the period of this Contract and during the three (3) year period noted above; provided, however, such activity shall be conducted only during normal business hours.

13.2. Contractor must comply with the public records laws, Florida Statute chapter 119, specifically Contractor must:

- a) Keep and maintain public records required by the County to perform the service.
- b) Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in chapter 119 Florida Statutes or as otherwise provided by law.
- c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the

contractor does not transfer the records to the County.

- d) Upon completion of the contract, transfer, at no cost, to the County all public records in possession of the contractor or keep and maintain public records required by the County to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining the public records. All records stored electronically must be provided to the public agency, upon the request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT WANDAP@SANTAROSA.FL.GOV.

13.3. The County reserves the right to unilaterally cancel this Contract for refusal by the Contractor or any contractor, sub-contractor or materials vendor to allow public access to all documents, papers, letters or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received in conjunction with this Contract unless the records are exempt.

ARTICLE FOURTEEN INSURANCE

14.1. During the life of the Contract the Consultant shall provide, pay for, and maintain, with companies satisfactory to the County, the types of insurance as set forth in attached Exhibit D.

ARTICLE FIFTEEN INDEMNIFICATION

15.1. The Consultant shall indemnify and hold harmless the County, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Consultant and other persons employed or utilized by the Consultant in the performance of the Contract.

15.2. Consultant acknowledges that the general conditions of any construction contract shall include language, satisfactory to the County's attorney, in which the contractor agrees to hold harmless and to defend County, Consultant, their agents and employees, from all suits and actions, including attorney's fees, and all costs of litigation and judgments of any name and description arising out of or incidental to the performance of the construction contract or work performed thereunder. County acknowledges that Consultant shall be expressly named as an indemnified party, and shall be held harmless, in the general conditions of any construction contract, and shall be named as an additional insured in any contractor's insurance policies.

15.3. The first ten dollars (\$10.00) of remuneration paid to Consultant under this Contract shall be in consideration for the indemnification provided for in this section. Consultant under this Contract shall be in consideration for the indemnification provided for in this section.

**ARTICLE SIXTEEN
SUCCESSORS AND ASSIGNS**

16.1. The County and the Consultant each binds itself and its successors, executors, administrators and assigns to the other party of this Contract and to the successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither the County nor the Consultant shall assign, sublet, convey or transfer its interest in this Contract without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the County which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the County and the Consultant.

**ARTICLE SEVENTEEN
REMEDIES**

17.1. This Contract shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the Contract shall be held in Santa Rosa County. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

**ARTICLE EIGHTEEN
CONFLICT OF INTEREST**

18.1. The Consultant represents that it has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in the Code of Ethics for Public Officers and Employees (Chapter 112, Part III, Florida Statutes). The Consultant further represents that no person having any interest shall be employed for said performance.

18.2. The Consultant shall promptly notify the County Representative, in writing, by certified mail, of all potential conflicts of interest for any prospective business association, interest or other circumstance which may influence or appear to influence the Consultant's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the Consultant may undertake and request an informed determination from the County Representative as to whether the association, interest or circumstance would be viewed by the County Representative as constituting a conflict of interest if entered into by the Consultant. The County Representative agrees to notify the Consultant of its opinion by certified mail within thirty (30) days of receipt of notice by the Consultant. Such determination may be appealed to the Board of County

Commissioners by the Consultant within thirty (30) days of the County Representative's notice to the Consultant. If, in the opinion of the County Representative or County, the prospective business association, interest or circumstance would not constitute a conflict of interest by the Consultant, the County Representative or County shall so state in the notice and the Consultant shall, at its option, enter into said association, interest or circumstance and it shall be deemed not in conflict of interest with respect to services provided to the County by the Consultant under the terms of this Contract.

**ARTICLE NINETEEN
DEBT**

19.1. The Consultant shall not pledge the County's credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness. The Consultant further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Contract.

**ARTICLE TWENTY
NONDISCRIMINATION**

20.1. The Consultant warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, or sexual orientation. Including those set forth in Exhibit D hereto and incorporated herein by reference (TITLE VI).

20.2. Additionally, (As per Executive Order 11246) Contractor may not discriminate against any employee or applicant for employment because of age, race, color, creed, sex, disability or national origin. Contractor agrees to take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their age, race, color, creed, sex, disability or national origin. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship.

**ARTICLE TWENTY-ONE
ENFORCEMENT COSTS**

21.1. If any legal action or other proceeding is brought for the enforcement of this Contract, or because of an alleged dispute, breach, default or misrepresentation in connection with any provisions of this Contract, the successful or prevailing party or parties shall be entitled to recover reasonable attorney's fees, court costs and all expenses (including taxes) even if not taxable as court costs (including, without limitation, all such fees, costs and expenses incident to appeals), incurred in that action or proceeding, in addition to any other relief to which such party or parties may be entitled.

**ARTICLE TWENTY-TWO
NOTICE**

22.1. All notices required in this Contract shall be sent by certified mail, return receipt requested to the Consultant's Representative and the County Representative at the addresses shown in Articles One and Three hereof.

**ARTICLE TWENTY-THREE
MODIFICATION OF SCOPE OF WORK**

23.1. It is the intent of this Contract that County shall from time-to-time issue Notice to Proceeds for Consultant to perform work. Notice to Proceeds shall be duly approved by the County prior to issuance. Consultant shall expediently perform such work within the schedule indicated in the work order in accordance with Article Four above. Consultant shall timely cooperate with County Representative in negotiating the cost and schedule of said work orders prior to submission to the County for approval. The County reserves the right to make changes in the Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the Consultant of the County's notification of a contemplated change, the Consultant shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change, (2) notify the County of any estimated change in the completion date, and (3) advise the County if the contemplated change shall affect the Consultant's ability to meet the completion dates or schedules of this Contract.

23.2. If the County so instructs in writing, the Consultant shall suspend work on that portion of the Scope of Work or work order affected by a contemplated change, pending the County's decision to proceed with the change. Consultant shall be entitled to invoice County for that portion of the work completed prior to receipt of the written notice.

23.3. If the County elects to make the change, the County shall initiate a Contract Amendment and the Consultant shall not commence work on any such change until such written amendment is signed by the Consultant and the County.

**ARTICLE TWENTY-FOUR
MODIFICATIO**

24.1. The County and the Consultant agree that this Contract together with the Exhibits hereto, sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article Twenty-Three - Modification of Scope of Work. In the event of any conflict or inconsistency between this Contract and the provisions in the incorporated Exhibits, the terms of this Contract shall supersede and prevail over the terms in the Exhibits.

**ARTICLE TWENTY-FIVE
MISCELLANEOUS**

25.1. Consultant, in representing County, shall promote the best interest of County and each party agrees to assume toward the other party a duty of good faith and fair dealing.

25.2. No modification, waiver, suspension or termination of the Contract or of any terms thereof shall impair the rights or liabilities of either party.

25.3. This Contract is not assignable, in whole or in part, by Consultant without the prior written consent of County.

25.4. Waiver by either party of a breach of any provision of this Contract shall not be deemed to be a waiver of any other breach and shall not be construed to be a modification of the terms of this Contract.

25.5. The headings of the Articles, Schedules, Parts and Attachments as contained in this Contract are for the purpose of convenience only and shall not be deemed to expand, limit or change the provisions in such Articles, Schedules, Parts and Attachments.

25.6. This Contract, including the referenced Schedules and Attachments hereto, constitutes the entire agreement between the parties hereto and shall supersede, replace and nullify any and all prior agreements or understandings, written or oral, relating to the matter set forth herein, and any such prior agreements or understanding shall have no force or effect whatever on this Contract.

25.7. Consultant acknowledges that it shall comply with all applicable Federal law, regulations, executive orders, State laws and regulations and local laws, ordinances and regulations as it pertains to services being rendered under this contract.

25.8. Consultant acknowledges that some federal funds may be utilized in the course of services being performed under this agreement, as such, consultant agrees that it shall adhere to all necessary federal regulations. Further, the Consultant acknowledges that the Federal government is not a party to this agreement and is not subject to any obligations or liabilities to the non-Federal entity, Consultant, or any other party pertaining to any matter resulting from this Contract.

**ARTICLE TWENTY-SIX
MINORITY/WOMEN’S BUSINESS ENTERPRISES**

26.1. The Consultant must take all necessary affirmative steps to assure that minority businesses, women’s business enterprises, and labor surplus area firms are used when possible, in accordance with 2CFR 200.321. If subcontracts are to be let, prime contractor will require compliance by all sub-contractors. Prior to contract award, the contractor shall document efforts to utilize M/WBE

firms including what firms were solicited as suppliers and/or subcontractors as applicable and submit this information with their bid submittal. Information regarding certified M/WBE firms can be obtained from:

Florida Department of Management Services (Office of Supplier Diversity)
Florida Department of Transportation
Minority Business Development Center in most large cities and
Local Government M/DBE programs in many large counties and cities

ARTICLE TWENTY-SEVEN PROCUREMENT OF RECOVERED MATERIALS

27.1. Consultant must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

ARTICLE TWENTY-EIGHT ENVIRONMENTAL AND ENERGY POLICIES

28.1. The Consultant shall comply with mandatory standards and policies relating to energy efficiency, stating in the state energy conservation plan issued in compliance with the Energy Policy and Conservation act. (Pub. L. 94-163, 89 Stat. 871) [53 FR 8078, 8087, Mar. 11, 1988, as amended at 60 FR 19639, 19645, Apr. 19, 1995].

28.2. Clean Air Act.

a. The Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

b. The Consultant agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

c. The Consultant agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance under this Contract.

28.3 Federal Water Pollution Control Act.

- a. The Consultant agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- b. The Consultant agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the State of Florida, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- c. The Consultant agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance under this Contract.

**ARTICLE TWENTY-NINE
FEDERAL SUSPENSION AND DEBARMENT**

29.1. This Agreement may be covered in part as transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the Consultant is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

- a. The Consultant must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- b. This certification is a material representation of fact relied upon by the County. If it is later determined that the Consultant did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State of Florida and the County, the Federal Government may pursue available remedies, including but not limited to suspension and/ or debarment.
- c. The Consultant agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The Contractor further agrees to include a provision requiring such compliance in its lower tier covered transactions.

**ARTICLE THIRTY
LOBBYING**

30.1. Byrd Anti-Lobbying Amendment. Consultant who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also

disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

**ARTICLE THIRTY-ONE
THIRD PARTY BENEFICIARIES**

31.1. It is specifically agreed between the parties executing this Contract that it is not intended by any of the provisions of any part of the Contract to create in the public or any member thereof, a third-party beneficiary under this Contract, or to authorize anyone not a party to this Contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Contract

**ARTICLE THIRTY-TWO
CONTRACTING WITH THE ENEMY**

32.1. In accordance with 2 C.F.R. 200.215, it is acknowledged that no services under this contract are to be performed outside the United states and its territories nor in support of a contingency operation in which members of the Armed Forces are actively engaged in hostilities.

**ARTICLE THIRTY-THREE
SEVERABILITY**

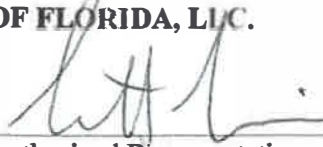
33.1. If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Contract, or the application of such term or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

**ARTICLE THIRTY-FOUR
REPRESENTATION OF AUTHORITY TO CONTRACT/SIGNATORY**

34.1. The individual signing this Contract on behalf of American Consulting Engineers of Florida, LLC., represents and warrants that he or she is duly authorized and has legal capacity to execute and deliver this Contract. The signatory represents and warrants to the County that the execution and delivery of this Contract and the performance of Design Services Contracts for Professional Engineering Services obligations hereunder have been duly authorized, and that the Agreement is a valid and legal agreement binding on the Consultant and enforceable in accordance with its terms.

IN WITNESS WHEREOF, the parties hereto have set their hands and official seals the day and year first above written.

**CONSULTANT:
AMERICAN CONSULTING ENGINEERS
OF FLORIDA, LLC.**



Authorized Representative
Scott Korpi, PE
Principal / Managing Member

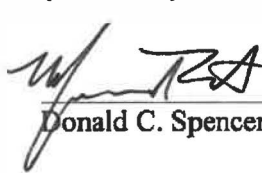
(printed)

**BOARD OF COUNTY COMMISSIONERS OF
SANTA ROSA COUNTY, FLORIDA**



David C. Piech, Chairman

(ATTEST)

 Michael Burton BOCC Approved: _____
For Donald C. Spencer
Donald C. Spencer, Clerk of Court



Approved as to form

EXHIBIT A

SANTA ROSA COUNTY, FLORIDA



RFQ 21-006 Design Services Contracts for Professional Engineering Services

January 2021

OWNER: BOARD OF COUNTY COMMISSIONERS
SANTA ROSA COUNTY, FLORIDA

SAM PARKER
ROBERT A. "BOB" COLE
JAMES CALKINS
DAVE PIECH
COLTON WRIGHT

DISTRICT I
DISTRICT II
DISTRICT III
DISTRICT IV
DISTRICT V

SECTION I.

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SECTION II.
STANDARD INSTRUCTIONS AND SUBMITTAL
REQUIREMENTS

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PRE-QUALIFICATION ACTIVITY

Except as provided in this section, respondents are prohibited from contacting or lobbying the County, County Administrator, Commissioners, County staff, and Review Committee members, or any other person authorized on behalf of the County related or involved with the solicitation. All inquiries on the scope of work, specifications, additional requirements, attachments, terms and general conditions or instructions, or any issue must be directed in writing, by US mail or email to: Santa Rosa County Procurement Office, 6495 Caroline Street, Suite M Milton Fl. 32570. Email; bidinfo@santarosa.fl.gov.

All questions or inquiries must be received no later than the last day for questions stated in the RFQ & Legal Notice. Any addenda or other modification to the documents will be issued by the County five (5) days prior to the date and time of closing, as written addenda, and will be posted to the Santa Rosa County website at <https://www.santarosa.fl.gov> keyword; Bid Opportunities.

Such written addenda or modification shall be part of the documents and shall be binding upon each respondent. Each respondent is required to acknowledge receipt of any and all addenda in writing and submit with their submittal. No respondent may rely upon any verbal modification or interpretation.

PROPOSED SCHEDULE

Invitation Published	December 11, 2020
Deadline for Questions	December 29, 2020 @ 4:30 p.m.
Qualifications Due	January 12, 2021 @ 10:00 a.m.
Qualification Reviews/Evaluation	January 12-27, 2021
Recommendation Due	January 27, 2021 @ 12:00 p.m.
Award by BOCC	February 4, 2021
Notification of Award	February 11, 2021 (TBD)

PREPARATION OF RFQ

The respondent shall submit their qualifications in accordance with the public notice. Any response which contains any omissions, erasures, alterations, additions, irregularities of any kind, or items not called for which shall in any manner fail to conform to the conditions of public notice may be rejected.

A response submitted by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature). The official address of the partnership shall be shown below the signature.

A response submitted by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.

A response submitted by an individual shall show the respondent's name and official address.

A response submitted by a joint venture shall be executed by each joint venture in the manner indicated on the response form. The official address of the joint venture must be shown below the signature.

It is preferred that all signatures be in blue ink with the names type or printed below the signature. Santa Rosa County does not accept electronic signatures in response submissions.

The response shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the form. The address and telephone # for communications regarding

the response shall be shown.

If the respondent is an out-of-state corporation, the response shall contain evidence of respondent's authority and qualification to do business as an out-of-state corporation in the State of Florida. A state contractor license # for the State of Florida shall also be included on the response form. Respondent shall be licensed in accordance with the requirements of Chapter 489, Florida Statutes.

The Response shall be based upon the completion of the Work according to the drawings and specifications, together with all addenda thereto.

Responses must include lump sum pricing. Use Response Form provided in this document. All proposed fees and costs must be broken down and disclosed in the response.

SUBMITTAL OF RESPONSE

Qualifications shall be submitted no later than the date and time prescribed and at the place indicated in the advertisement and shall be sealed and clearly labeled with the words "**RFQ 21-006 Design Services Contracts for Professional Engineering Services**", name of respondent/firm and date and time of opening so as to guard against premature opening of any submittal. It is the respondent's responsibility to assure that its submittal is delivered at the proper time and place. Offers by email, facsimile, or telephone will NOT be accepted.

INTEGRITY OF RESPONSE DOCUMENTS

Respondents shall use the original documents provided by the Santa Rosa County Procurement Office and enter information only in the spaces where a response is requested. Respondents may use an attachment to the documents if sufficient space is not available. Any modifications or alterations to the original documents by the respondent, whether intentional or otherwise, will constitute grounds for rejection of a submittal. Any such modification or alteration that a respondent wishes to propose must be clearly stated in the respondent's response in the form of an addendum to the original documents.

WITHDRAWAL OF SUBMITTALS

Any Respondent may withdraw its Submittal, either personally or by written request, at any time prior to the scheduled time for opening Submittals.

INTERPRETATION

No oral interpretation will be made to any Respondent as to the meaning of the drawings or specifications. Every interpretation made to a Respondent will be in the form of an Addendum to the specifications. Addenda will be furnished to each Responder, but it shall be the Responder's responsibility to make inquiry as to Addenda issued. All such addenda shall become part of the contract and all Responders shall be bound by such Addenda whether or not received by the Responders.

RESPONSES TO REMAIN SUBJECT TO ACCEPTANCE

All responses will remain subject to acceptance or rejection by Santa Rosa County for sixty (60) calendar days after the day of the response opening. The County may, in its sole discretion, release any response and return the response security prior to the end of this period.

CONDITIONAL & INCOMPLETE RESPONSES

Santa Rosa County specifically reserves the right to reject any conditional response.

ADDITION/DELETION OF ITEM

The County reserves the right to add or delete any item from this response or resulting contract when deemed to be in the County's best interest.

FAMILIARITY WITH LAWS

All applicable Federal and State laws, County and municipal ordinances, orders, rules and regulations of all authorities having jurisdiction over the project shall apply to the response throughout, and they will be deemed to be included in the contract the same as though they were written in full therein.

EXAMINATION OF DOCUMENTS AND SITE

Before submitting their proposal, the Responder shall familiarize themselves with the nature and extent of the work and any local conditions that may in any manner affect the work to be done and the equipment, materials, and labor required. Responder shall also examine all drawings, specifications, addenda and other Contract Documents to be thoroughly informed regarding any and all conditions and requirements that may in any manner affect the work to be performed under the contract.

RIGHT TO REJECT PROPOSAL

The Owner reserves the right to waive informalities in responses to reject any or all responses with or without cause and accept the response that in its judgment is in the best interest of the County.

DISQUALIFICATION OF RESPONDENTS

Any of the following reasons may be considered as sufficient for the disqualification of a respondent and the rejection of its response:

Submission of more than one proposal for the same work from an individual, firm or corporation under the same or different name. Evidence that the respondent has a financial interest in the firm of another respondent for the same work.

Evidence of collusion among respondents. Participants in such collusion will receive no recognition as respondents for any future work of the County until such participant has been reinstated as a qualified respondent.

Uncompleted work which in the judgment of the County might hinder or prevent the prompt completion of additional work if awarded.

Failure to pay or satisfactorily settle all bills due for labor and material on former contracts in force at the time of advertisement of proposals. Default under previous contract.

Listing of the respondent by any Local, State or Federal Government on its barred/suspended vendor list.

DISCRIMINATION

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a response on a contract to provide goods or services to a public entity, may not submit a response on a contract with a public entity for the construction or repair of a public building or

public work, may not submit responses on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

REVIEW OF PROCUREMENT DOCUMENTS

Per Florida Statute 119.071 (1) 2, sealed responses, proposals, or replies received by the County pursuant to a competitive solicitation are exempt from public disclosure until such time as the County provides notice of an intended decision or until 30 days after opening the responses, proposals, or final replies, whichever is earlier.

COMPLIANCE WITH FLORIDA STATUTE 119.0701

The Respondent shall comply with all the provisions of section 119.0701, Florida Statutes relating to the public records which requires, among other things, that the Respondent: (a) Keep and maintain public records; (b) Provide the public with access to public records on the same terms and conditions that the public agency would provide the records; (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (d) Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the respondent upon termination of the contract.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (850) 983-1925, wandap@santarosa.fl.gov; 6495 CAROLINE STREET, SUITE C, MILTON, FLORIDA 32570.

SUSPENSION OR TERMINATION FOR CONVENIENCE

The County may, at any time, without cause, order Vendor in writing to suspend, delay or interrupt the work in whole or in part for such period of time as the County may determine, or to terminate all or a portion of the Contract for the County's convenience. Upon such termination, the Contract Price earned to the date of termination shall be paid to Vendor, but Vendor waives any claim for damages, including loss of profits arising out of or related to the early termination. Those Contract provisions which by their nature survive final acceptance shall remain in full force and effect. If the County orders a suspension, the Contract price and Contract time may be adjusted for increases in the cost and time caused by suspension, delay or interruption. No adjustment shall be made to the extent that performance is, was or would have been so suspended, delayed or interrupted by reason for which Vendor is responsible; or that an equitable adjustment is made or denied under another provision of this Contract.

FAILURE OF PERFORMANCE/DELIVERY

In case of default by the Vendor, the County after due notice (oral or written) may procure the necessary supplies or services from other sources and hold the Vendor responsible for difference in cost incurred. Continuous instances of default shall result in cancellation of the award and removal of the Vendor from the response list for duration of one (1) year, at the option of the County.

AUDIT

If requested, respondent shall permit the County or an authorized, independent audit agency to

inspect all data and records of respondent relating to its performance and its subcontracts under this response from the date of the award through three (3) years after the expiration of contract.

NON-COLLUSION

Respondent certifies that it has entered into no agreement to commit a fraudulent, deceitful, unlawful or wrongful act, or any act which may result in an unfair advantage over other respondents. See Florida Statute 838.22.

PUBLIC ENTITY CRIME INFORMATION

Pursuant to Florida Statute 287.133, a respondent may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the response package.

INVESTIGATION OF RESPONDENT

The County may make such investigations, as it deems necessary to determine the stability of the respondent to perform the work and that there is no conflict of interest as it relates to the project. The respondent shall furnish to the Owner any additional information and financial data for this purpose as the County may request.

CONE OF SILENCE CLAUSE

The Santa Rosa County Board of County Commissioners has established a solicitation silence policy (Cone of Silence Clause) that prohibits oral and written communication regarding all formal solicitations for goods and services (formal responses, Request for Proposals, Requests for Qualifications) issued by the Board through the Procurement Office. The period commences from the date of advertisement until award of contract. All communications shall be directed to the Procurement Office.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the response package.

EVALUATION OF RESPONSES AND AWARD OF CONTRACT

Santa Rosa County Staff will review all responses and will provide the recommendation to award to the Procurement Office, the County Administrator and the Board of County Commissioners. The County will award the contract to the responsive and responsible vendor(s). The County reserves the right to award the contract(s) to the respondent submitting the qualification demonstrating expertise in each discipline requested. s in the best interest of the County with a resulting negotiated agreement which is most advantageous and in the best interest of the County, and to reject any and all responses or to waive any irregularity or technicality in responses received. Santa Rosa County shall be the sole judge of the response and the resulting negotiated agreement that is in its best interest and its decision shall be final.

Santa Rosa County reserves its right to reject any or all Responses, including without limitation nonconforming, nonresponsive, unbalanced or conditional Responses. The County further

reserves the right to reject the Response of any Responder whom it finds after reasonable inquiry and evaluation to not be responsible. In evaluating Responders, the County may consider the qualifications of Responders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted with the Response Form.

Santa Rosa County reserves the right to waive any informalities or reject any and all responses, in whole or part, to utilize any applicable state contracts in lieu of or in addition to this response and to accept the response that in its judgment will best serve the interest of the County.

Santa Rosa County reserves the right to reject any conditional responses and will normally reject those which made it impossible to determine the true amount of the response. Each item must be response separately, and no attempt is to be made to tie any item or items to any other item or items.

FORM OF AGREEMENT:

The Contract form shall be provided by the County Attorney. The successful contractor shall, within 10 days after receipt of the Notice of Award and the contract forms or documents, sign and deliver to the County Legal Office all required contract documents. The awarded contractor shall also deliver the policies of insurance or insurance certificate as required. All insurance documents shall be approved by Santa Rosa County Legal Office before the successful contractor may proceed with the work.

SECTION III.
SANTA ROSA COUNTY DOCUMENTS AND FORMS

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CONE OF SILENCE FORM

The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the responder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their sub- consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after responses are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I, _____ representing _____
(Print) (Company)

On this _____ day of _____ 2021 hereby agree to abide by the County's "Cone of Silence" clause and understand violation of this policy shall result in disqualification of my proposal/submittal.

(Signature)

SWORN STATEMENT UNDER SETION 287.133 (3) (A)
FLORIDA STATUTE ON PUBLIC ENTITY CRIMES

*THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER
AUTHORIZED TO ADMINISTER OATHS.*

1. This sworn statement is submitted with Response, Proposal or Contract for: _____

2. This sworn statement is submitted by, _____, whose business address is, _____, and (if applicable) Federal Employer Identification Number (FEIN) is _____ (if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement).
3. My name is _____ and my relationship to the entity named above is _____ (title).
4. I understand that a "public entity crime" as defined in paragraph 287.133 (1) (g) Florida Statute, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to , any response or contract for goods or services to be provided to any public entity or any agency or public subdivision of any other state or of the United States and involved antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
5. I understand that "convicted" or "convicted" as defined in paragraph 287.133 (1) (b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime with or without an adjudication of guilt, in any federal or state trial court of records relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287 .133 (1) (a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one of shares constituting a controlling income among persons when not for fair interest in another person, or a pooling of equipment or income among persons when not for fair market value under an length agreement, shall be a prima facie case that one person controls another person. A person who knowingly convicted of a public entity crime, in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in paragraph 287 .133 (1) (e), Florida Statutes, means any natural person or entity organized under the laws of the state or of the United States with the legal power to enter into a binding contract provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

- Neither the entity submitting this sworn statement, nor any officers, directors, executive, partners, shareholders, employees, member, or agents who are active in management of the entity, nor affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 And (please attach a copy of the final order)
- The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)
- The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by, or pending with, the department of General Services)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM

Name

Signature

Date

PERSONALLY APPEARED BEFORE ME, the undersigned authority, who, after first being sworn by me, affixed his/her signature at the space provided above on this day of _____, 20__, and is personally known to me, or has provided _____ as identification.

STATE OF FLORIDA
 COUNTY OF: _____
 My Commission expires: _____

Notary Public

DEBARMENT FORM

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

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 proposal been convicted of or had a civil judgment 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 statutes 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 the 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.

Name: _____ Title: _____

Signature: _____

Firm: _____

Street Address: _____

City: _____

State: _____ Zip Code: _____

Solicitation Name _____ # RFQ 21-006

REFERENCES FORM

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME _____
PROPOSAL POINT OF CONTACT _____ PHONE _____
EMAIL _____

REFERENCE I.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

REFERENCE II.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

REFERENCE III.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

CONFLICT OF INTEREST DISCLOSURE FORM

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected official(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: _____

Name(s)

Position(s)

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: _____

BY (PRINTED): _____

BY (SIGNATURE): _____

TITLE: _____

ADDRESS: _____ State _____ Zip Code _____

PHONE NO: _____

E-MAIL: _____

Date: _____

SANTA ROSA COUNTY, FLORIDA



RFQ 20-006 Design Services Contract for Professional Engineering Services

December 2020

**OWNER: BOARD OF COUNTY COMMISSIONERS
SANTA ROSA COUNTY, FLORIDA**

**SAM PARKER
ROBERT A. "BOB" COLE
JAMES CALKINS
DAVE PIECH
COLTON WRIGHT**

**DISTRICT I
DISTRICT II
DISTRICT III
DISTRICT IV
DISTRICT V**

REBECCA JONES, P.E., ASSISTANT COUNTY ENGINEER

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Design Services Contract for Professional Engineering Services Minimum Specifications

Santa Rosa County is seeking design services of professional engineering firms in providing general engineering services. The County intends to award design services for continuous contracts to no fewer than three (3) firms deemed to be the most highly qualified to perform the required services. In determining whether a firm is qualified, the County shall consider such factors as the ability of professional personnel; whether a firm is a certified minority business enterprise; past performance; willingness to meet time and budget requirements; recent, current, and projected workloads of the firms; and the volume of work previously awarded to each firm by or within Santa Rosa County, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms. The RFQ submission is outlined under "Proposal Requirements".

A "continuing contract" is a contract for professional services entered into in accordance with all the procedures of this act between an agency and a firm whereby the firm provides professional services to the agency for projects in which the estimated construction cost of each individual project under the contract does not exceed \$4 million, for study activity if the fee for professional services for each individual study under the contract does not exceed \$500,000, or for work of a specified nature as outlined in the contract required by the agency, with the contract being for a fixed term or with no time limitation except that the contract must provide a termination clause. Firms providing professional services under continuing contracts shall not be required to bid against one another (FS 287.055).

Firms should demonstrate their knowledge of emergency and disaster federal grant programs (FEMA, EWP) and experience with similar projects within their qualifications.

Project Scope

Santa Rosa County has identified six (6), listed below, projects to be developed between the Consultant and Santa Rosa County.

- ADA Kayak Launch at the Navarre Beach Marine Park
- Mayo Park – Shoring of Creek Bank & Seawall
- Florida Town – Pier, Erosion & Stormwater
- Navarre Park – Seawall, Pier, Sidewalk, Walking Bridge & Electrical
- Ashmore / Garden View Drainage Study and Improvements
- Bal-Alex Boat Ramp – Erosion, Stormwater, & Boat Ramp

Additional engineering projects will be issued by the County on an as-needed basis, under this design services contract.

Period of Performance

Firms selected by the Santa Rosa County will provide engineering services to the County on an

as-needed basis, based upon task orders to be issued by the County under the continuing services contracts. The contracts shall be renewed automatically on an annual basis, unless terminated by the County in writing, for a maximum of three (3) years from the date of execution.

Anticipated Schedule and Deadlines

Proposals will be immediately evaluated and ranked following the proposal due date as outlined in the evaluation criteria and selection process. It is expected that the Board of County Commissioners will approve the highest-ranking firms. The top three (3) firms that are ranked as most qualified should be prepared to provide a scope of work and fee proposal in an expedited manner. The County Administrator, or his designee, will assign the anticipated projects to the selected firms. Upon contract execution and issuance of a Notice to Proceed, the selected firms will be expected to immediately commence design efforts.

Federal Funding Requirements

The anticipated projects will be submitted for consideration of federal funding programs. As such, the federal requirements for selected engineering firm(s) and all sub-contractor(s) must comply with Code of Federal Regulations (2 CFR Part 200), Appendix II. The selected firm(s) will be required to provide said documentation after the selection process has been completed:

- Certification that they are not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in this project by any Federal department or agency.
- Submit a Truth in Negotiation Certification form which will be included as an attachment to the Standard Professional Services Agreement.
- Utilization of Small and Minority Businesses, Women's Business Enterprises and Labor Surplus Area Firms: The selected engineering firm must take all necessary affirmative steps to assure that small, minority, and women-owned businesses are utilized when possible, in accordance with 2CFR 200.321. If subcontracts are to be let, prime contractor will require compliance of this provision by all sub-contractors. Prior to contract award, the contractor shall document efforts to assure that such businesses are solicited when there are potential sources; that the contractor made an effort to divide total requirement, when economically feasible, into smaller tasks or quantities to permit maximum participation by such businesses; and, that the contractor has established delivery schedules, where permitted, to encourage such businesses respond. Contractor and subcontractor shall utilize service and assistance from such organizations as SBA, Minority Business Development Agency of the Department of Commerce, the Florida Department of Management Services (Office of Supplier Diversity), the Florida Department of Transportation, Minority Business Development Center, and Local Government M/DBE programs, available in many large counties and cities. Documentation, including what firms were solicited as suppliers and/or sub-contractors, as applicable, shall be included with the bid proposal.

Proposal Requirements

Qualifications shall be demonstrated in a written proposal and include the following information tabbed as instructed below:

Tab 1 - Letter of Interest

Respondent shall submit a letter of interest signed by a corporate officer or principal or an authorized representative of the prime consultant authorized to obligate the firm contractually. The letter shall include the business address, telephone number, e-mail and the name of the prime consultant that the County can contact for additional information (2-page limit).

Tab 2 - Company Profile

Respondent shall provide a brief profile of their company, which should include their firm's legal name; history; business structure; designation of the legal entity by which business operates (sole proprietor, partnership, corporate, LLC, etc.); type of ownership (small business, small disadvantaged business or W/MBE business); length of company's existence; locations of their parent company, branch or subsidiary and proposed project team; total number of personnel including personnel by discipline; and firm's field of expertise.

Tab 3 – Qualifications of Key Personnel

Describe the education, experience and relevant abilities of key personnel and proposed subcontractors who will be responsible for project completion and identify their precise role in accomplishing the work. Awards, certifications and other information demonstrating personal and professional integrity and competence should be included. Include information on current and projected workloads of each key personnel to demonstrate ability to meet time requirements.

Tab 4 – Approach to Project/Understanding

Demonstrate understanding of proposed project types and the technical approach to be taken in addressing the proposed work. Identify specific issues for this work that are unique or problematic, and what steps should be taken to address these complex issues. The description shall include understanding of design and permitting in Coastal areas; project schedule/work management plan strategy to outlining the service performance time expected for project types. Identify financial issues that may increase costs. Quality Assurance/Quality Control: The qualifying firm shall provide documentation of its quality assurance/control program, which details the system and checks it uses to ensure quality products.

Tab 5 – Firm Familiarity with federally funded projects and FEMA Requirements

Identify the firm's prior work experience with federal grant programs, particularly those subject to the Office of Management and Budget's Uniform Guidance (2 CFR 200). List each project separately to include jurisdiction name, project name and type, and grant amount. Describe specific areas of expertise and knowledge of the federally funded projects including FEMA and EWP.

Tab 6 – Similar Project Experience

Identify ten (10) of the firm's prior project experience, within the last five years, specific to surveying; geotechnical services; engineering design, stormwater design, environmental design, piers, docks and boat ramps, development of construction plans; project cost estimates; bid document preparation; post construction engineering services and other miscellaneous engineering and planning services. Please detail dollar value of each related contract and your time schedule for accomplishing the respective phases of basic services. Indicate the individuals on your staff who had responsibility for each project and whether these people are still with your firm.

Tab 7 – Professional References

Provide a list of references with names, titles, phone numbers and e-mail addresses of persons representing the owner and general contractor for at least five (5) similar projects identified in Tab 6.

Selection Process and Criteria

Professional services are being procured in accordance with the Consultants' Competitive Negotiation Act (F.S. 287.055) and Office of Management and Budget Uniform Guidance for Federal Awards (2 CFR 200). The selection process will also be in accordance with the most current version of *Santa Rosa County's Procurement and Purchasing Policy Manual*, which is available upon request.

The most highly qualified firm(s) will be selected based on such factors as the ability of professional personnel; whether a firm is a certified minority business enterprise; past performance; willingness to meet time and budget requirements; location; current and projected workloads of the firm; and the volume of work previously awarded to each firm by the agency, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms.

Other factors that may be considered include a demonstrated knowledge of federal grant programs including familiarity with FEMA's Benefit Cost Analysis technical process as well as prior design experience with Santa Rosa County specific to federally funded projects.

The criteria and weighting that will be used to evaluate and score proposals is outlined on the Evaluation Criteria and Scoring Form, attached as Exhibit B.

Representatives from the County Engineering Department and Procurement Department will review the submittals for completeness. Those submittals deemed complete and responsive will be forwarded to the Evaluation Committee.

Evaluation Committee

1. Evaluation Committee may consist of 3 to 5 staff members or the Board of County Commissioners. Initial scoring and final ranking may be determined by separate Evaluation Committees.
2. The County Administrator or designee shall determine the Evaluation Committee (s) that will best serve the needs of the County.
3. Membership of all Evaluation Committees shall be approved by the County Administrator or designee and shall have a conflict of interest form on file.
4. Evaluation of Submittals. Only written responses of statements of qualifications, performance data, and other data received in the procurement office by the publicized submission time/date shall be evaluated.
5. The initial ranking of submittals is based upon the points given in the RFQ Respondent Instructions. (Appendix B)
6. Shortlisting. The best qualified respondents shall be based upon the Evaluation Committee's ability to differentiate applicable to the scope and nature of the services to be performed as indicated by the ratings. Typically, the top three rated firms, if there are at least three responsive respondents, will be considered as the shortlisted firms, unless the County Administrator, after input and discussion with the Evaluation Committee, approves adding additional firms to the shortlist.
7. Presentations/ Interviews. The Evaluation Committee may choose to conduct formal presentation/interviews with shortlisted firms prior to final ranking.
8. Final Ranking. The Evaluation Committee or the Board of County Commissioners, as appropriate, shall use the ordinal process to rank the firms. The respondents shall be listed in order of preference. The list of best-qualified persons shall be approved by the County Administrator or Board, as appropriate, prior to beginning contract negotiations.

APPENDIX A
RFQ EVALUATION CRITERIA SCORING MATRIX

EMERGENCY SERVICES CONTRACTS
FOR PROFESSIONAL ENGINEERING SERVICES

Evaluation Factors	Points Available	Names of Firms			
		FIRM 1	FIRM 2	FIRM 3	FIRM 4
Understanding of Request and inclusion of all required documentation	20				
Ability to devote the needed time and staff resources to the project based on current workload to commence services and complete services within time parameters	20				
Demonstration of knowledge or unique qualifications for proposed project types for consultant staff to effectively administer the projects (design/permitting).	10				
Firm's designation as certified minority business enterprise, women's business enterprise, or labor surplus firm.	5				
Firms previous experience with design on federally funded projects.	10				
Project personnel's experience in public sector federally funded projects. Provide an example for each design staff member proposed.	10				
Similar project experience and performance in design and permitting with the project types.	10				
Firm's QA/QC procedures (record keeping, QA/QC for design standards, communication to client)	5				
Firm's reputation and competence including technical education, training, timeliness, cost control and quality of work. Provide 3 reference letters regarding 3 different projects for similar public sector projects.	10				
TOTAL POINTS:	100				

DIRECTIONS: Score each firm in each category. In the event of a tie, an alternate evaluator will be asked to evaluate the firms based on the submitted proposals. The alternate score will be the tie-breaker.

Point Spread (score can be between ranges below)

20 Point scale: 20 = Perfect 15 = Good 10 = Missing key elements
 10 Point scale: 10 = Perfect 10 = Good 5 = Missing key elements
 5 Point scale: 5 = Perfect 3 = Good 1 = Missing key elements

Evaluator's Name: _____

Signature: _____

Time spent reviewing submittals: _____ hrs

Date: _____

Appendix B

Santa Rosa County Contractors/Business Insurance Requirements November 2017

The submitter receiving an award will obtain or possess the following insurance coverage's and will provide Certificates of Insurance to the OWNER to verify such coverage.

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Contractor will provide a copy of their Exemption Certificate and Articles of Incorporation if claiming exception to Workers Compensation requirement. The Division of Workers' Compensation offers an online system for applicants to apply for or renew a Certificate of Election to be Exempt from Florida's Workers' Compensation Law, modify an exemption application, or print their certificate. The website is wc_exemption@myfloridacfo.com.

Architects and Engineers Professional Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$3,000,000 aggregate.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage.

This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

- 1) Prior to execution of a contract or agreement, certificates of insurance will be produced that shall provide for the following:

- a. Santa Rosa County shall be named as an additional insured on the commercial general liability policy, including products/completed operations coverage.
 - b. Santa Rosa County shall be named as an additional insured on the business auto liability policy.
 - c. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.
- 2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.
- 3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.
- 4) In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

APPENDIX C

Title 2 Part 200

Appendix II

Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

2:1.1.2.2.1.6.51.23.6 : Appendix II

In addition to other provisions required by the Federal agency or non-Federal entity, all contracts made by the non-Federal entity under the Federal award must contain provisions covering the following, as applicable.

(A) Contracts for more than the simplified acquisition threshold currently set at \$150,000, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

(B) All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement.

(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with

the Copeland “Anti-Kickback” Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of “funding agreement” under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.

(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended - Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

(H) Debarment and Suspension (Executive Orders 12549 and 12689) - A contract award (see 2 CFR 180.220) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of

parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) - Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

(J) See § 200.322 Procurement of recovered materials.

[78 FR 78608, Dec. 26, 2013, as amended at 79 FR 75888, Dec. 19, 2014]



**DESIGN SERVICES CONTRACTS
FOR PROFESSIONAL ENGINEERING SERVICES**





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TAB 1: LETTER OF INTEREST

January 12, 2021



Santa Rosa County Procurement Department 6495 Caroline Street, Suite M
Milton, Florida 32570

State of Formation:

Florida

Official Address:

2818 Cypress Ridge Blvd,
Suite 200, Wesley Chapel,
FL 33544

RE: RFQ 21-006, Continuing Services Contracts for Professional Engineering Services

Dear Selection Committee:

American Consulting Engineers of Florida, LLC (American) is dedicated to providing professional engineering services to Santa Rosa County for continuing services contracts. Through our firm's experience, our professionals have gained the knowledge of how to successfully work on a continuing services-type contract. Our dedication to responsiveness, timeliness, and quality make American the ideal candidate for this contract. We are accustomed to working directly with County staff members on numerous tasks simultaneously and understand how to avoid the pitfalls and maximize scheduling and design efficiencies. We have been successfully fulfilling this commitment for many public clients for over 25 years. We are currently, or were previously, under contract and/or involved with at least 28 miscellaneous services contracts. We have held or currently hold several miscellaneous services contracts for various clients including the Cities of Tampa, North Port, Tarpon Springs, Safety Harbor, and Port St. Lucie; Charlotte, Pasco, and Sarasota Counties; and FDOT Districts One, Two, Three, Four, Seven, and Florida's Turnpike Enterprise. Many of these contracts are two or three-time consecutive contracts.

Providing Santa Rosa County with high-quality services takes an innovative and safety focused team. American has provided Santa Rosa County with engineering services since 2009, beginning with the US 98 (Navarre Parkway) at Coral Street Intersection Improvement project. Since that time, American has provided roadway, drainage and structures services, construction cost estimating, signalization, signing and pavement marking plans, utility coordination, environmental reviews, permitting, and various other engineering support to the County, which shows American is familiar with Santa Rosa County's preferences and procedures, which will be valuable for this continuing contract. This abundant experience is evidence that we can provide excellent service for this professional engineering services contract.

American's team will be led by Kari Edwards, PE, our project manager. She has 22 years of experience and was the project manager on the Ranchettes Subdivision Drainage Engineering Services contract. She also provided the drainage design for the CR 184A (Berryhill Road) resurfacing project, both for Santa Rosa County. Ms. Edwards will be supported by professionals experienced with Santa Rosa County projects and similar engineering contracts. Our team will also be complemented by our subconsultants for as needed services. They include Southeastern Surveying and Mapping Corporation (SSMC) for survey; Tierra, Inc. for geotechnical; and INTERA, Inc. for coastal engineering.

We are proud of our relationship with Santa Rosa County and look forward to the opportunity to deliver a continuing services contract in the same manner you have come to expect from American.

Sincerely,

American Consulting Engineers of Florida, LLC

Tracy D. Boutwell, PE
Principal

Scott Korpi, PE, SE, PEng
Managing Member

American Consulting Engineers of Florida, LLC

4489 Woodbine Road • Pace, Florida 32571 • 850.289.1000 • www.acp-americas.com

TAB 2: COMPANY PROFILE



GENERAL INFORMATION

Firm's Legal Name: American Consulting Engineers of Florida, LLC (American)

Length of Company's Existence: Since 2002

Designation of Legal Entity: Limited Liability Company

Type of Ownership: Employee-owned

History of Firm: American was founded in 1987 as the Florida operation of American Consulting Engineers, PLC and changed to American Consulting Engineers of Florida, LLC in 2002. Since breaking off from the parent company in 2002, our firm has grown from 25 employees to more than 90 and has added PD&E, construction engineering and inspection (CEI), environmental support, and planning services to our expanding list of professional transportation consulting services. With more than 90 dedicated engineers, planners, surveyors, environmental scientists, technicians, and support staff, American has the ability to provide the full services of a large firm with a smaller firm approach to individual client satisfaction. Our firm is 100% employee-owned and all professional personnel are dedicated to American's success. Since our inception, American has grown to include offices in Florida and Georgia and can provide engineering services in states such as Alabama, Michigan and Pennsylvania.

Location of Offices: Our corporate office is in Wesley Chapel, with branch offices in Pace, Port Charlotte, and West Palm Beach, Florida along with offices in Dalton and Conyers, Georgia

Proposed Project Team: American will serve as the prime and primary contact. We have added the following subconsultants to our team:

- INTERA Inc.- Coastal Engineering
- Tierra, Inc. - Geotechnical
- SSMC - Surveying

Total Number of Personnel: 96

Personnel by Discipline:

- Administration: 14
- CADD: 9
- Information Technology: 4
- CEI: 6
- Environmental: 5
- Survey: 1
- Planning: 3

- Project Manager: 2
- Structural Engineer: 10
- Designer: 18
- Transportation Engineer: 16
- Drainage/Stormwater Engineer: 8





Firm's Field of Expertise:

Highway Design

- Roadway
- Drainage
- Signals
- Signing and pavement marking
- Lighting

Roadway/Traffic Engineering

- Transportation planning
- Traffic operations
 - Traffic analysis
 - Interchange studies (IMR, IJR, IOAR, and SIJR)
 - Capacity analysis
 - Corridor analysis
 - Safety studies
 - Traffic simulation studies
 - Alternative analysis including roundabout modeling
- Traffic studies
 - Signal warrant studies
 - Traffic calming initiatives
 - Traffic impact studies
 - Signal timings studies
 - Intersection improvement studies
 - Lighting justification studies
 - Qualitative assessment studies
 - Design traffic technical memorandum
 - Signing Inventory Studies
 - Roundabout Justification Studies

Structures

- Bridges
 - Overpasses
 - Water Crossings
 - Pedestrian
 - Bridge inspection and evaluation
 - Load rating analysis
- Miscellaneous Structures
 - Retaining walls
 - Seawalls
 - Box culverts
 - Sign and signal structures
 - Sound barrier walls
 - Piers
 - Boardwalks
- Scour analysis/hydraulic and hydrological studies
- Asset Management, budgeting and prioritization

PD&E/Environmental/NEPA

- PD&E/NEPA/Permitting
 - Traffic evaluation of future travel demand
 - Conceptual engineering and cost estimating
 - Environmental assessment of potential impacts
 - Public involvement
 - Permitting
 - Wetland delineation and mitigation
 - Ecological studies
 - Essential fish habitat assessments
 - Endangered species biological assessments
 - Wildlife surveys and mitigation
 - Social and economic assessment
 - Section 7 consultation
 - NEPA documentation
 - Section 4(f) assessments
 - Traffic noise assessment
 - Air quality assessments
 - Contamination screenings
 - Phase I environmental site assessment (ESA)
 - Water quality management

Survey/Mapping/GIS

Construction Engineering and Inspection

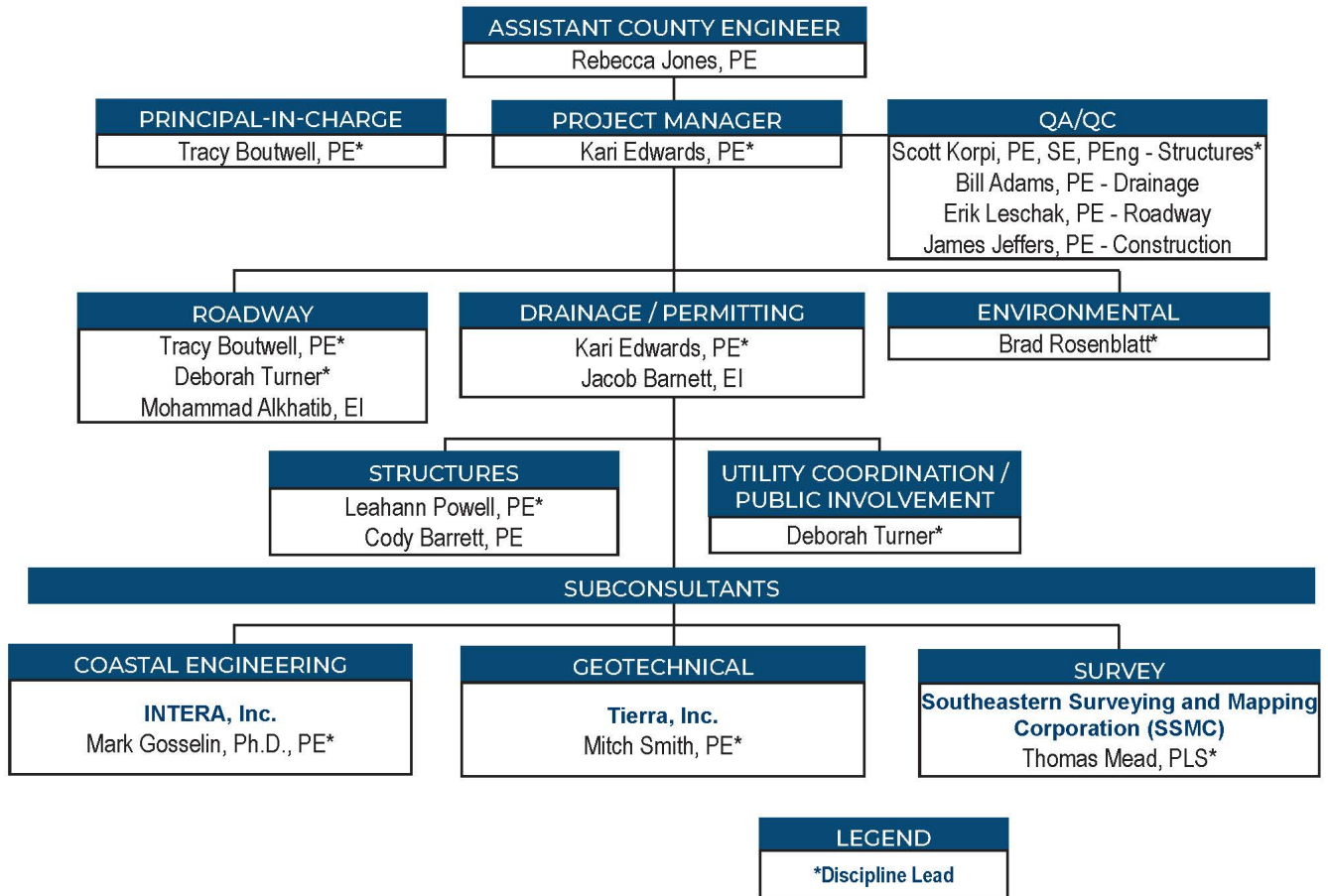
Graphics and Web Services

- Before and after illustrations
- 3D conceptual renderings and fly-throughs
- Website development
- Project websites
- Displays, supporting graphics, and various media for public meetings

TAB 3: QUALIFICATIONS OF KEY PERSONNEL



ORGANIZATIONAL CHART



LIST OF CONSULTANTS AND/OR SUBCONTRACTORS

Complementing our team, American will receive support from Southeastern Surveying and Mapping Corp (SSMC) for survey, Tierra, Inc. (TIERRA) for geotechnical and Intera, Inc. (INTERA) for Coastal Engineering. We firmly believe that our proposed team, which has successfully completed projects in Santa Rosa County, is adequately qualified and is committed to the successful completion of this contract. American and our subconsultants make up a comprehensive, experienced team to provide the County with professional engineering services on any tasks assigned. Short summaries of our subconsultant firms are provided on the following pages.

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION (SSMC) – SURVEY

Founded in Orlando in 1972, Southeastern Surveying and Mapping Corporation (SSMC) is an independent, employee-owned surveying and mapping, subsurface utility engineering (SUE) and geographic information systems (GIS) professional services firm serving the Southeast. SSMC has grown to be Florida’s largest surveying firm and is a leader in responsiveness and service excellence. At the forefront of technology, SSMC uses state of the art equipment, leading edge software and cutting edge processes to drive results.





TIERRA INC. (TIERRA) – GEOTECHNICAL

Tierra, Inc. (Tierra) is a full service consulting geotechnical, structural, forensics, environmental and construction materials testing engineering firm. Tierra began operations in Florida in November 1992 and has offices in Tampa, Winter Garden, Pensacola, Florida. Tierra has a long and successful history of providing superior and innovative service to clients throughout the southeastern United States.



INTERA, INC. (INTERA) – COASTAL ENGINEERING

Established in 1974, INTERA is an employee-owned geoscience and engineering consulting firm focused on solving some of the most challenging problems related to the development, management, restoration, and protection of natural resources. INTERA’s coastal engineering experience covers a wide range of issues that include modeling waves and tidal circulation; assessing boat wake and surge; computing wave/current and aeolian sediment transport; developing inlet management plans (sediment budgets); evaluating and designing coastal structures and navigation channels; beach planning, design, permitting, and monitoring (including sand source identification and quantification); and evaluating erosion, flooding, and the effects to infrastructure resulting from hurricane landfalls and sea level rise.



KEY PERSONNEL AND STAFF QUALIFICATIONS

American is supported by more than 90 professionals, including management staff, engineers, designers, and administrative staff. The ability to successfully complete a project is directly related to the experience and expertise of the project team members selected to oversee it. With this in mind, we have assembled a team with highly qualified personnel that has significant experience in all areas of work anticipated for this contract. Our staff has many years of experience providing full range of professional engineering services. The American team has proven leadership and a strong working knowledge of the County and FDOT’s requirements and procedures. Our proposed project team has the disciplines necessary to successfully complete any task assigned during this contract, as well as a thorough understanding of the associated project issues and an excellent record of compliance with budgets and schedules. This section contains brief resumes of our team’s key personnel assigned to this contract.

Kari Edwards, PE, has 22 years of experience and will serve as our team’s **Project Manager and Lead Drainage Engineer**. She will focus on providing clear direction, communication, and accountability across the entire design team and will ensure our team is prepared and available to deliver an aggressive schedule. Ms. Edwards’ recent experience includes serving as project manager on the HMGP Ranchettes Drainage Improvement project for Santa Rosa County. She has lived in southern Santa Rosa County for the last 13 years and in that time has done several drainage and environmental permitting projects. She is knowledgeable of the permitting requirements for northwest Florida and its governing agencies including Northwest Florida Water Management District (NFWMD), Florida Department of Transportation (FDOT), and Florida Department of Environmental Protection (FDEP). Ms. Edwards also has experience with other Federal Emergency Management Agency (FEMA) projects and is aware of the unique County requirements.



Tracy Boutwell, PE, will serve as American’s **Principal-in-Charge and Lead Roadway Engineer**. She has 24 years of experience in roadway, traffic and transportation, widening, and intersection improvement projects. Ms. Boutwell served as project manager and lead roadway engineer for several projects for or in Santa Rosa County including: CR 184A Berryhill Road Mill and Resurface Design, SR 10 (US 90) over Marquis Bayou, and SR10 (US90) Glover to SR87. Ms. Boutwell will support Ms. Edwards in preparing roadway improvement and traffic control plans as needed for this contract. As a principal of American, Ms. Boutwell will ensure that the team remains stable for the life of this contract and that the County receives exemplary service.





Bill Adams, PE, has 25 years of experience in drainage design, stormwater modeling, and environmental impact analysis throughout Florida and will be providing **QA/QC for drainage tasks** associated with this contract. His project experience includes stormwater modeling; stormwater design including detention ponds, retention ponds, storm sewers, culverts, control structures, floodplain compensation areas; and pond siting analysis and report preparation. He works closely alongside Ms. Edwards and the Pace staff to ensure the drainage requirements are met. Mr. Adams provided QC reviews for FDOT District Three projects including the SR 87 widening from Coldwater Creek to CR178 and SR 77 from CR 276 (Clayton Road) to North of Blue Lake Road.



Erik Leschak PE, will provide **QA/QC on roadway tasks**. He has 22 years of experience in roadway, utility, traffic and transportation projects. Experience includes use of GEOPAK and Microstation for roadway and utility design, traffic operations, and signing/pavement marking. He has provided QA/QC reviews for projects including the C-24 Canal Park Boat Launch, SR87 S of Coldwater to CR178/Van Jernigan Road, SR10 (US90) Caroline St, Glover to SR87, SR 10 (US 90) over Marquis Bayou, and US 90 PD&E Study from Scenic Highway to the Santa Rosa County Line and from the Escambia County Line to Glover Lane.



Scott Korpi, PE, SE, PEng, has 32 years of structures experience and will provide **QA/QC on structures tasks**. He has completed extensive research on stability, especially during construction of bridges and other structures. Scott has lead projects that included the planning or design of over 100 new or replacement bridges including post-tensioned segmental concrete bridges, cable stayed bridges, suspension bridges, simple PPC I beam bridges, major continuous steel plate girder bridges, rolled steel beam bridges, PPC box beam bridges, cast-in-place concrete flat slab bridges and timber bridges. He also has considerable construction experience including the supervision of numerous bridge reconstruction projects and has prepared repair plans for numerous structures.



James Jeffers, PE, will provide **constructability QA/QC**. He has 29 years of experience and specializes in construction management, and construction engineering and inspection. Prior to joining American, for over 14 years he managed the FDOT's Broward Operations Construction Division with an annual combined project budget of well over \$250M. During his tenure, both at the Department and working as a consultant, Mr. Jeffers has managed multiple limited access, managed lanes, major bridge, ITS, rural reconstruction, and urban reconstruction projects including both design-build and conventional contracts.



Jacob Barnett, EI, will provide **drainage design support** and has 1 year of experience in drainage calculations and production using Microstation and Autocad C3D. His experience includes designing conveyance systems, producing engineering assessment reports and producing design documentation for county municipal projects. His recent experience included preparing preliminary plans and cost estimates for the Commons Drive sidewalk extension project in Okaloosa County.



Deborah Turner will provide **roadway design, utility coordination, and public involvement activities**. She has 30 years of experience assisting project managers with plan preparations, preparation of quantity computation and design documentation books, detailing plan/profiles, traffic control plans, signing and pavement marking plans, signalization plans, and horizontal and vertical alignment design. Ms. Turner has worked for American for 15 years and has assisted in design as well as provided utility coordination and public involvement for all projects in our Pace office.



Mohammad Alkhatib, EI will provide **roadway design support**. He has 3 years of experience working on both local municipal and FDOT projects and is familiar with FDOT and local municipal design standards. His experience includes highway design, and signing and pavement marking design. Mr. Alkhatib has assisted in design for many of the Pace office projects including SR 10 (US 90A/Nine Mile Road) PD&E Study and US 90 PD&E Study.



Brad Rosenblatt will provide support **environmental activities**. He has 27 years of environmental experience and specializes in wetlands, wildlife, ecology, and environmental permitting. He is knowledgeable of federal, state, and local rules and regulations regarding environmental resources and permitting. His project experience includes wetland delineation and permitting, mitigation design and monitoring, listed species surveys, biological assessments, project development and environment studies, and preparation of environmental resource permit application packages. He provided environmental permitting for the Tom King Bayou Pedestrian Bridge project for Santa Rosa County.



Leahann Powell, PE, will serve as **lead structural engineer**. She has 17 years of structures experience including analysis, design, inspection, evaluation, load rating, and repair and emergency plans. She has significant experience with both inspection and design of structures, including seawall, boardwalk, and pedestrian bridge projects. Ms. Powell was the structures Engineer of Record on the SR 10 (US 90) over Marquis Bayou in Santa Rosa County, the City of Milton Riverwalk South Boardwalk and most recently the Tom King Bayou Pedestrian Bridge project in Santa Rosa County which was a LAP project in association with FDOT District 3. Ms. Powell also manages our continuing services contract with FDOT District 3 for Bridge Repair, which is on its second consecutive term.



Cody Barrett, PE, will provide **structural support**. He has 7 years of experience and specializes in structure and bridge design including performing structural analyses, calculations, and preparation of design drawings. He has worked on several projects within Santa Rosa County, including SR 10 (US 90) over Marquis Bayou, US 90 PD&E Study, SR 8 (I-10) from East of SR 87 to the Okaloosa County Line, SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, and the Tom King Bayou Pedestrian Bridge.



Mitch Smith, PE, (Tierra, Inc.), will provide **geotechnical** services for this contract. Mr. Smith has over 35 years of experience in geotechnical engineering, construction and materials testing (CMT), and environmental consulting. His geotechnical engineering experience includes field and laboratory data collection/analysis, site selection/development recommendations, site improvement requirements/techniques, embankment/site fill settlement and compressibility analysis using conventional and in-situ testing methods, analysis and design of shallow and deep foundations, lateral earth pressure analysis for retaining walls/marine bulkheads, design and evaluation of flexible and rigid pavements, and groundwater seepage analysis for stormwater treatment systems and land disposal of reclaimed wastewater.



Mark Gosselin, PhD, PE, (INTERA, Inc.), will provide **coastal engineering**. He has 29 years of experience in coastal processes, nearshore and open channel hydrodynamics, and sediment transport. His experience covers the southeastern U.S., Virginia, Washington, and Puerto Rico, and clients such as state departments of transportations, the Federal Highway Administration, U.S. Army Corps of Engineers districts, the Federal Emergency Management Agency (FEMA), and NASA. He has applied SWAN+ADCIRC, RMA2, FESWMS, AdH, HEC-RAS and other analytical techniques to support coastal structure design and assessments for design and numerous design-build projects.



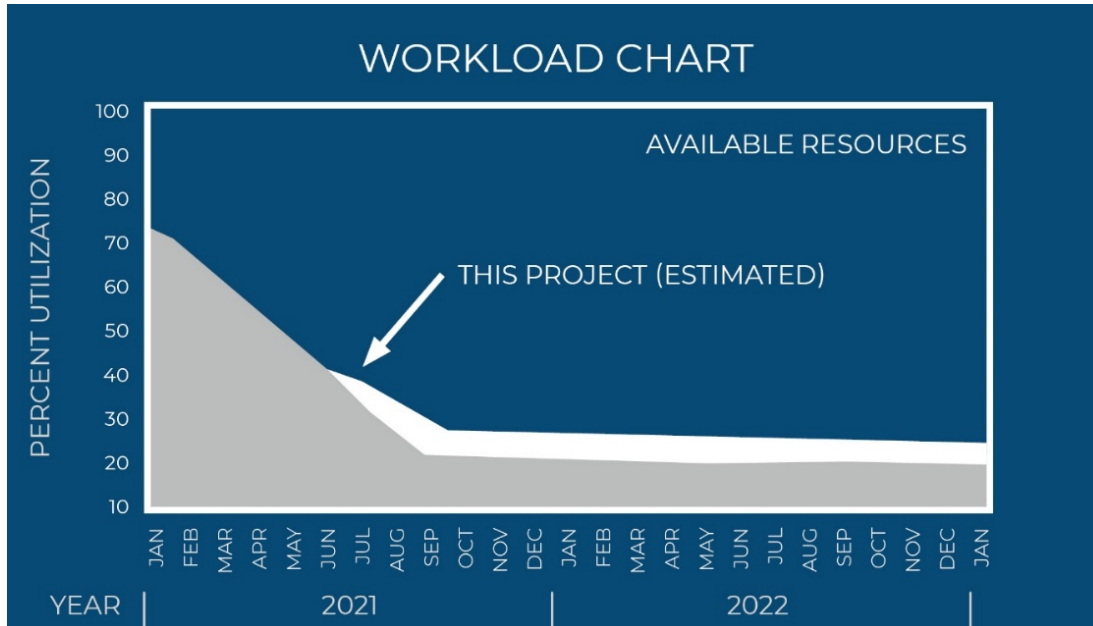
Thomas Mead, PLS, (SSMC), will lead **surveying** services for this contract. He has 36 years of professional surveying and mapping experience. He is responsible for project coordination and scheduling field and office personnel for a variety of survey projects both private and public. He has extensive project management experience in all aspects of surveying & mapping services including topographic, boundary, right of way, as-built, construction layout, control, hydrographic, wetland delineation, quantity, land platting and special purpose surveys or miscellaneous services, and most importantly the successful completion of numerous of these type of task assignments.





RECENT, CURRENT, AND PROJECTED WORKLOAD

At the present time, our team’s staff has a high level of availability. The table below includes each key personnel’s percentage of time proposed to be assigned full-time to this project. The graphic below shows our current workload projected out over the next two years. The figure below shows our staff has the availability to begin this project immediately.



KEY PERSONNEL AVAILABILITY AND WORKLOAD

KEY/LEAD NAME	ROLE	25%	50%	75%	100%
Kari Edwards, PE	Project Manager/Drainage	[Red bar from 25% to 100%]			
Tracy Boutwell, PE	Principal-in-Charge/Roadway	[Red bar from 25% to 75%]			
Erik Leschak, PE	QA/QC Roadway	[Red bar from 25% to 65%]			
Bill Adams, PE	QA/QC Drainage	[Red bar from 25% to 65%]			
Scott Korpi, PE, SE, PEng	QA/QC Structures	[Red bar from 25% to 65%]			
James Jeffers, PE	QA/QC Construction	[Red bar from 25% to 65%]			
Brad Rosentblatt	Environmental	[Red bar from 25% to 100%]			
Deborah Turner	Utilities/Public Involvement	[Red bar from 25% to 100%]			
Mohammad Alkhatib, EI	Roadway	[Red bar from 25% to 100%]			
Jacob Barnett, EI	Drainage/Permitting	[Red bar from 25% to 100%]			
Leahann Powell, PE	Structures	[Red bar from 25% to 75%]			
Cody Barrett, PE	Structures	[Red bar from 25% to 75%]			
Thomas Mead, PLS ¹	Survey	[Red bar from 25% to 100%]			
Mitch Smith, PE ²	Geotechnical	[Red bar from 25% to 100%]			
Mark Gosselin, PhD, PE ³	Coastal Engineering	[Red bar from 25% to 75%]			

Legend
1 SSMC
2 Tierra, Inc.
3 INTERA, Inc.

SUMMARY



Ms. Edwards specializes in transportation and water resources engineering projects. Her expertise includes roadway master drainage planning, storm drainage design, impact mitigation analysis, and detention basin design. She also has experience in roadway and highway design, traffic control planning and development, erosion control, roadway signage and striping, right of way acquisition, environmental permitting, and utilities. Ms. Edwards has developed plans and designs for municipalities using state and federal grant funding through Local Agency Program (LAP), Hazard Mitigation Grant Program (HMGP), and the Department of Economic Opportunity (DEO). She has assisted in project oversight and coordination on numerous projects, including client relations, scheduling, cost proposals, and project management.

YEARS OF EXPERIENCE

- 22

EDUCATION

- B.S., Civil Engineering, University of Houston, 2000

PROFESSIONAL REGISTRATIONS

- Florida PE #73720, 2011
- Alabama PE #32545, 2012
- Texas PE #104823, 2009

PROJECT EXPERIENCE

Santa Rosa County: Ranchettes Subdivision Drainage Engineering Services, Santa Rosa County, Florida. *Project Manager.* American completed drainage design providing stormwater mitigation to alleviate structural flooding in the Ranchettes, Northridge, and Whisper Bay subdivisions in south Santa Rosa County. Proposed improvements included the acquisition of drainage easements, the land acquisition and construction of a stormwater pond in addition to the construction of conveyance swales and the installation of storm sewer pipes and inlets. In addition, a new downstream outfall system was designed to supplement the existing outfall to convey flood waters to Pensacola Bay. This project is federally funded through the Hazard Mitigation Grant Program.

City of Milton: Riverwalk South Boardwalk Extension, Milton, Florida. *Project Manager.* American is designing the Riverwalk South boardwalk extension, which will improve pedestrian access for the growing community and enhance both the cultural and

economic prosperity of the City. This will expand the existing boardwalk to the south approximately 365 feet toward the railroad trestle bridge to another planned development and potential new marina. The new boardwalk will be designed to match the aesthetic features of the existing boardwalk, which is a waterfront access point to Blackwater River, an Outstanding Florida Water. These features include a pedestrian handrail on the land side and timber posts on the marine side. Additional improvements will include sidewalks and a staging area for park events within the existing City property located adjacent to the proposed boardwalk. Environmental services include permitting through Department of Environmental Protection and the U.S. Army Corps of Engineers.

Santa Rosa County: CR 184A (Berryhill Road) Milling and Resurfacing, Santa Rosa County, Florida. *Drainage and Roadway Engineer.* Ms. Edwards assisted on this local agency program (LAP) project with the pavement and roadway design, evaluated the need for ditch improvements and prepared a cost estimate. This LAP project included milling and resurfacing design, pavement design, no passing zone study, signing and marking plans, and utility coordination. Due to severe cracking to the roadway, a crack relief layer was utilized. Bid documents were developed using the LAP guidelines. The project was successfully completed on a tight schedule of three months, from notice to proceed to final FDOT approved plans, including 60% and 90% submittals. This project was originally scoped as a safety improvement project with emphasis on repairing the severely deteriorated roadway. Due to Santa Rosa County's budget constraints, American was able to tailor the design budget to minimize costs that would provide the County with the critical item required to repair the roadway. Safety improvements such as guard rail and drainage were provided as alternative bid items so that if additional funding were made available those improvements could be added to the project during the bidding process.

Escambia County: Johnson Avenue Drainage Repairs, Escambia County, Florida. *Drainage Engineer.* American developed construction plans for the repair of the storm sewer trunk line along East Johnson Avenue from Hitchcock Road to 600 feet east of Forge Lane that was damaged in the April 2014 floods. This project was submitted to the state under the Local Agency Program (LAP) for federal funding and with design and plans completed in less than three months.

FDOT District Three: SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, Santa Rosa County, Florida. *Drainage Engineer.* This capacity project consisted of widening SR 87 from two to four lanes from South of Coldwater Creek to CR 178. The rural typical section consisted of two 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of

way was required and SR 87 is designated as a hurricane evacuation route. Two new structures were designed to twin the existing bridges over West Fork Big Coldwater Creek and Manning Creek. The new bridge over Coldwater Creek consists of a five-span structure using Florida-I 54 beams for a total length of 612 feet. The bridge is supported by pile bents with 24-inch prestressed concrete piles. The new bridge over Manning Creek consists of a four-span continuous cast-in-place flat slab superstructure for a total length of 155 feet. This bridge is also supported by pile bents with 24-inch prestressed concrete piles. The existing bridges over Coldwater and Manning Creek were evaluated for thermal movements for replacement of the guardrail end anchorages. The project also included a bridge development report and bridge hydraulics report, drainage design, traffic control plans, utility coordination, and permitting.

FDOT District Three: SR 10 (US 90) (Caroline Street) Widening from East of Glover Lane to SR 87 North, Santa Rosa County, Florida. *Drainage Engineer.* American prepared plans to widen US 90 from a four-lane suburban typical section to a six-lane urban typical section including dedicated bicycle lanes and pedestrian facilities. Additional improvements included signalization plans, LJR, lighting plans, stormwater facilities, permitting and utility coordination.

Escambia County: Lake Charlene Emergency Services, Escambia County, Florida. *Drainage Engineer.* Ms. Edwards composed an engineering assessment for roadway and drainage repairs to Lake Charlene Drive and adjoining cul-de-sac streets after the presidentially declared flood disaster in April 2014. Improvements included pavement design, underdrain system, and phasing cost proposal.

FDOT District Three: US 90 PD&E Study from Scenic Highway to the Santa Rosa County Line and from the Escambia County Line to Glover Lane, Escambia and Santa Rosa Counties, Florida. *Drainage Engineer.* American is performing a PD&E study for US 90 within Escambia and Santa Rosa Counties, from Scenic Highway to Glover Lane. The length of the study area is approximately 11 miles. The project includes reviewing 12 bridges that will be analyzed for potential replacement or widening. Typical section alternatives, including rural, urban, and suburban, will be evaluated for the corridor. The scope of work includes traffic analysis, agency coordination, public meetings, a public hearing, and all supporting documentation. Environmental work includes preparation of a Type II categorical exclusion, natural resource evaluation, endangered species biological assessment, air quality screening, contamination screening, traffic noise analysis, and water quality evaluation. Coordination will be required with Santa Rosa County for potential impacts to two park facilities on the project. Other engineering work includes pond sizing and bridge

hydraulics reports.

FDOT District Three: SR 30 (US 98) Harbor Boulevard from East Pass Bridge to Airport Road, Okaloosa County, Florida. *Drainage Engineer.* This RRR project involves resurfacing SR 30 (US 98) Harbor Boulevard from the East Pass Bridge to Airport Road, a distance of approximately 3 miles. The existing divided four-lane urban typical section consists of two 12-foot travel lanes in each direction separated by a 30-foot landscaped median. Major work includes milling and resurfacing the existing roadway and ADA improvements including actuated midblock cross walks and mast arms. Other work items includes pavement design, turn lane design, minor drainage improvements, signing and pavement marking, signal warrant study, lighting justification report, mast arm design, traffic control plans, utility coordination, permitting, public involvement, survey and mapping, and geotechnical. The design will include coordination with the City of Destin, Okaloosa County Transit, Okaloosa County, Okaloosa-Walton TPO, and residential areas and businesses.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Drainage Engineer.* This PD&E study consists of an in-depth review of a flyover near Navy Federal Credit Union as well as at grade alternatives. The PD&E study will provide all engineering and environmental documents for the preferred alternative. A virtual public involvement meeting and a public hearing will be held for the project.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Reevaluation Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Drainage Engineer.* The study included the addition of left-turn lanes to meet access management criteria, new signals, interstate ramp widening, bicycle lanes and sidewalks, and a new bridge. A pond siting report was completed with additional design to assist with right of way acquisition of the pond sites prior to advertising the project as a design-build project. American provided additional support for advance utility coordination and writing the request for proposal for the design-build advertisement. All documentation including the environmental reports was updated from the previous PD&E study in 1990. The public involvement efforts included two public meetings and a public hearing. The reevaluation has been approved by FHWA.

SUMMARY



Ms. Boutwell has a diversified background including project development and environment (PD&E) studies, interstate resurfacing and safety enhancement projects, rural and urban resurfacing projects, capacity improvement projects, and miscellaneous

design projects including sidewalk design, ADA compliancy surveys, signalization, and turn lane additions. She has been responsible for numerous public involvement meetings and hearings for District Three including the hearing for Nine Mile Road. Ms. Boutwell is experienced in working with special emphasis groups as shown by her coordination efforts for the Marquis Bayou Bridge replacement project. In addition to her FDOT work, Ms. Boutwell has provided design services for Escambia and Santa Rosa Counties and Whitfield County in Georgia.

YEARS OF EXPERIENCE

- 24

EDUCATION

- B.S., Civil Engineering, University of Alabama, 1996

PROFESSIONAL REGISTRATIONS

- Florida PE #57670, 2001
- Alabama PE #24036, 2010
- Georgia PE #32602, 2007
- Tennessee PE #112637, 2010

PROFESSIONAL AFFILIATIONS

- FDOT District Three Utility Liaison Chairperson, 2008
- FDOT District Three Utility Liaison Secretary, 2007

CONTINUING EDUCATION

- Road Safety Assessments for Local Governments, 2010
- FDOT Mutual Gains Negotiations, 2009
- Advanced Maintenance of Traffic Refresher Course, #25428, (Valid until February 07, 2021)
- FICE/FDOT PM Conference
- V8 Update Training
- FDOT Design Conference, 1998-2006
- FDOT D3 Pavement Design Training, 2006

- FDOT Specifications, 2001
- FDOT Cost Estimating Systems, 1997
- FDOT LRE, 2003

PROJECT EXPERIENCE

Santa Rosa County: CR 184A (Berryhill Road) Milling and Resurfacing, Santa Rosa County, Florida. Project Manager.

This project included the plan development to resurface the existing roadway. This LAP project included milling and resurfacing design, pavement design, no passing zone study, signing and marking plans, and utility coordination. Due to severe cracking to the roadway, a crack relief layer was used. Bid documents were developed using the LAP guidelines. This project was successfully completed on a tight schedule of three months, from notice to proceed to final FDOT approved plans, including 60% and 90% submittals. This project was originally scoped as a safety improvement project with emphasis on repairing the severely deteriorated roadway. Due to Santa Rosa County's budget constraints, American was able to tailor the design budget to minimize costs that provided the County with the critical item required to repair the roadway. Safety improvements such as guard rail and drainage were provided as alternative bid items so that if additional funding were made available those improvements could be added to the project during the bidding process.

FDOT District Three: SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, Santa Rosa County, Florida. Project Manager and Lead Roadway Engineer.

This capacity project consisted of widening SR 87 from two to four lanes. The rural typical section consisted of two 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of way was required and SR 87 is designated as a hurricane evacuation route. Two new structures were designed to twin the existing bridges over West Fork Big Coldwater Creek and Manning Creek. The new bridge over Coldwater Creek consisted of a five-span structure using Florida-I 54 beams for a total length of 612 feet. The bridge was supported by pile bents with 24-inch prestressed concrete piles. The new bridge over Manning Creek consisted of a four-span continuous cast-in-place flat slab superstructure for a total length of 155 feet. This bridge was also supported by pile bents with 24-inch prestressed concrete piles. The existing bridges over Coldwater and Manning Creek were evaluated for thermal movements for replacement of the guardrail end anchorages. The project also consisted of bridge development report and bridge hydraulics reports for each bridge. The traffic control plans consisted of alignment shifts and phasing in order to maintain two lanes of traffic during construction along with temporary side street road closures and onsite diversions. The utility coordination efforts included review of existing utility

plans, off-site meetings, and one-on-one coordination to pinpoint impacts and adjusting drainage structures to avoid additional impacts to major crossings and providing adequate clear zone and maintenance access to the electrical poles.

FDOT District Three: US 90 PD&E Study from Scenic Highway to the Santa Rosa County Line and from the Escambia County Line to Glover Lane, Escambia and Santa Rosa Counties, Florida. *Project Manager and Lead Roadway Engineer.* American is performing a PD&E study for US 90 within Escambia and Santa Rosa Counties, from Scenic Highway to Glover Lane. The length of the study area is approximately 11 miles. The project includes reviewing 12 bridges that will be analyzed for potential replacement or widening. Typical section alternatives, including rural, urban, and suburban, will be evaluated for the corridor. The scope of work includes traffic analysis, agency coordination, public meetings, a public hearing, and all supporting documentation. Environmental work includes preparation of a Type II categorical exclusion, natural resource evaluation, endangered species biological assessment, air quality screening, contamination screening, traffic noise analysis, and water quality evaluation. Coordination will be required with Santa Rosa County for potential impacts to two park facilities on the project. Other engineering work includes pond sizing and bridge hydraulics reports.

FDOT District Three: SR 10 (US 90) over Marquis Bayou, Santa Rosa County, Florida. *Project Manager and Lead Roadway Engineer.* The project included an alternatives analysis to determine the most appropriate alignment option, preparation of a bridge hydraulics report, bridge development report, approach roadway plans, and environmental and permitting for a new two-lane facility on a hurricane evacuation route over an Outstanding Florida Waterway. Based on input from the public involvement meeting, American assisted FDOT with the coordination efforts necessary to prepare and submit a Section 106 Case Study due to the historical significance of the existing bridge railings. Additional alternatives were prepared including a north and south bypass with detailed cost estimates. Additional public involvement was required based on the historical nature of the existing bridge railings and the mitigation efforts required. The final alignment allowed the new bridge to be placed where the existing bridge was located utilizing a temporary detour bridge to the south. To the maximum extent possible, the existing railings were salvaged and placed on the new bridge as the pedestrian railing.

FDOT District Three: SR 30 (US 98) Harbor Boulevard from East Pass Bridge to Airport Road, Okaloosa County, Florida. *Project Manager.* This RRR project involves resurfacing SR 30 (US 98) Harbor Boulevard from the East Pass Bridge to Airport Road, a distance of approximately 3 miles. The existing divided four-lane urban typical section consists of two 12-foot travel lanes

in each direction separated by a 30-foot landscaped median. Major work includes milling and resurfacing the existing roadway and ADA improvements including actuated midblock cross walks and mast arms. Other work items include pavement design, turn lane design, minor drainage improvements, signing and pavement marking, lighting justification report, mast arm design, traffic control plans, utility coordination, permitting, public involvement, survey and mapping, and geotechnical. The design will include coordination with the City of Destin, Okaloosa County, Okaloosa-Walton TPO, and residential areas and businesses.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Project Manager.* This PD&E study consists of an in-depth review of a flyover near Navy Federal Credit Union as well as at grade alternatives. The PD&E study will provide all engineering and environmental documents for the preferred alternative. A virtual public involvement meeting and a public hearing will be held for the project.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Reevaluation Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Project Manager and Lead Roadway Engineer.* The study included the addition of left-turn lanes to meet access management criteria, new signals, interstate ramp widening, bicycle lanes and sidewalks, and a new bridge. A pond siting report was completed with additional design to assist with right of way acquisition of the pond sites prior to advertising the project as a design-build project. American provided additional support for advance utility coordination and writing the request for proposal for the design-build advertisement. All documentation including the environmental reports was updated from the previous PD&E study in 1990. The public involvement efforts included two public meetings and a public hearing. The reevaluation has been approved by FHWA.

FDOT District One: SR 70 at US 441 Intersection, Okeechobee County, Florida. *QA/QC Reviewer.* The proposed improvements to the corridor include upgrading the intersection to allow for two thru movements in each direction as well as dual left-turns and a 6-foot raised separator for all four legs of the intersection. Along US 441, these improvements can be achieved within the existing right of way by restriping the travel lanes and modifying the raised median width. Along SR 70, widening will need to occur within Flagler Park resulting in approximately 26.5 feet of additional right of way. Notable design features include limiting the impacts to the park, maintaining pedestrian facility continuity in the park, and assisting with public involvement issues.

SUMMARY



Mr. Korpi has thorough experience in project management and structural design, repairs, and inspection. He has completed extensive research on stability, especially during construction of bridges and other structures. Mr. Korpi has led projects involving planning or design of

over 200 new or replacement bridges including post-tensioned segmental concrete bridges, cable stayed bridges, suspension bridges, simple precast, prestressed concrete (PPC) I beam bridges, major continuous steel plate girder bridges, major continuous steel box girder bridges, rolled steel beam bridges, PPC box beam bridges, cast-in-place concrete flat slab bridges, and timber bridges. He also has considerable construction experience including the supervision of numerous bridge reconstruction projects and has prepared repair plans for numerous structures.

YEARS OF EXPERIENCE

- 31

EDUCATION

- M.S., Civil Engineering, University of Minnesota, 1989
- B.S., Civil Engineering, University of North Dakota, 1987
- Ph.D. Studies, Structures, University of Illinois, 1991-1993

PROFESSIONAL REGISTRATIONS

- Florida PE #0050357, 1996
- Georgia PE #24965, 1998
- Illinois SE #081-005219, 1993
- Virginia PE #0402046381, 2009
- Michigan PE #6201051094, 2005
- Ontario PEng #100211050, 2017

PROJECT EXPERIENCE

FDOT District Three: SR 10 (US 90) over Marquis Bayou, Santa Rosa County, Florida. *Principal-in-Charge.* The project included an alternatives analysis to determine the most appropriate alignment option, preparation of a bridge hydraulics report, bridge development report, approach roadway plans, and environmental and permitting for a new two-lane facility on a hurricane evacuation route over an Outstanding Florida Waterway. Based on input from the public involvement meeting, American assisted FDOT with the coordination efforts necessary

to prepare and submit a Section 106 Case Study due to the historical significance of the existing bridge railings. Additional alternatives were prepared including a north and south bypass with detailed cost estimates. Additional public involvement was required based on the historical nature of the existing bridge railings and the mitigation efforts required. The final alignment allowed the new bridge to be placed where the existing bridge was located utilizing a temporary detour bridge to the south. To the maximum extent possible, the existing railings were salvaged and placed on the new bridge as the pedestrian railing.

FDOT District Seven: SR 679 (Pinellas Bayway) Structure E over Intracoastal Waterway Design-Build, St. Petersburg, Florida. *Engineer of Record.* The purpose of this 2-mile project is to improve a vital connection and hurricane evacuation route for the community of Tierra Verde and visitors to Fort De Soto Park. The existing low level bascule bridge is being replaced with a 17-span 2,583-foot long high level PPC I beam bridge over the intracoastal waterway. The PPC beams are supported on CIP concrete hammerhead piers supported on 24-inch square PPC piles driven to 575 tons of nominal bearing resistance. The water piers are designed for up to 50 tons of scour and an elevation as deep as -50 feet below sea level. A minimum of 100 feet of horizontal clearance and up to nearly 80 feet of vertical clearance is provided. With ship impact loads of up to 2495k, the superstructure is made continuous over the piers adjacent to the intracoastal waterway navigation channel. The width of the new bridge is 66 feet 9 inches and includes two 12 foot lanes, two 10 foot shoulders and a 12-foot and 5-foot barrier separated pedestrian trail and sidewalk, respectively.

City of Port St. Lucie: Crosstown Parkway Extension Segment 1, Port St. Lucie, Florida. *Lead Structural Engineer.* This bridge spans over extremely sensitive environmental lands in an easement through a national park. American designed this high profile and controversial 4,034-foot bridge over the North Fork of the St. Lucie River, National Park, and Aquatic Preserve. The bridge design consists of 39 spans of 54-inch Florida-I beam. Due to relatively poor soil conditions, the span length was limited. The project also required permitting for an environmentally sensitive preserve. American's permitting efforts allowed construction using top down methods and temporary trestle. Prior to letting for design-build procurement, American prepared a full design and 60 percent plans for the structure, architectural, and aesthetic features—all permits along with mitigation design for the construction alternative with the most severe impacts. This mitigation plan paved the way for permitting approval with the U.S. Coast Guard, U.S. Army Corps of Engineers, Environmental Protection Agency, South Florida Water Management District, and numerous other contributing authorities including the U.S. Fish and Wildlife Services and Florida Fish and Wildlife Conservation

Commission. Additionally, three branches of the North Fork of the St. Lucie River were crossed requiring approximately 30 feet of vertical clearance and 75.5 feet of horizontal clearance. Ultimately, the project was converted to a design-build project where Mr. Korpi worked as Owners' Representative to ensure proper bridge design and construction.

FDOT District Three: I-10 Rest Areas Design-Build, Okaloosa and Santa Rosa Counties, Florida. *Lead Structural Engineer.*

This project consisted of demolishing and replacing four existing rest area facilities. Three of the rest areas were constructed in the same locations as the existing facilities. The rest areas were designed and constructed to be aesthetically pleasing and functional with low long-term maintenance requirements. The project also included the design of high mast light poles and two box culvert extensions.

FDOT District One: Anna Maria Island Bridge Replacement, Manatee County, Florida. *Lead Structural Engineer and Engineer of Record.*

This project involves designing a 21-span 3,150-foot high-level fixed bridge over the Intracoastal Waterway to replace the existing bascule bridge to Anna Maria Island. Florida I beams, Florida U beams, and post tensioned segmental box girders were considered in the bridge development report evaluation. The design includes ship impact loads in excess of 2,500k at the channel piers. This high profile project includes close interaction with an aesthetics review committee for the base structure type, span arrangements, and pier shapes as well as the ancillary items such as pedestrian overlooks, lighting, and railings. The shallow water depths for much of the length requiring a temporary trestle or top down construction techniques complicates the design with extensive sea grasses in the area.

FDOT District One: Districtwide Structural Support, Florida.

Principal-in-Charge. This project included design and preparation of plans for transportation-related structures throughout the District. Projects include the design and review of bridges, mast arms, strain poles, sign structures, retaining walls, box culverts, and any other structure in support of the District's structures group operating as an extension of District staff.

FDOT District One: Legacy Trail over US 41 Pedestrian Bridge Design-Build, Sarasota County, Florida. *Principal-in-Charge.*

Florida U 54 beams with single column piers on 18-inch pile footings were used to support the bridge layout, which consisted of six spans with lengths of 84 feet 7 inches, 84 feet 5 inches, 118 feet, 118 feet, 84 feet 5 inches, and 84 feet 7 inches. Aesthetics were an important part of this bridge requiring special attention to details to improve the bridge appearance, including the construction of towers that the trail bridge runs through at either side of US 41. Decorative railings and form liners were used on the parapets to enhance the appearance as well.

FDOT District One: I-75 at US 301 Interchange, Manatee County, Florida. *QA/QC for Structures.*

As a subconsultant, American was responsible for design of the widening both I-75 over Salt Marsh northbound bridge, which is 1,560 feet long, and the southbound bridge, which is 1,140 feet long. Both bridges are Florida-I beam superstructures with 24-inch pile bents to span over this environmentally sensitive waterway. In addition, American performed the peer review of the I-75 bridges over the Manatee River as well as the traffic control plans for the project. This project consisted of widening a six-lane interstate to eight lanes and major modifications to the interchange. The project length is 4 miles. The interchange modifications involved reconstruction of the partial cloverleaf to a diamond interchange. This required two new 4,000-foot-long structures for two legs of the diamond interchange to span the Manatee River. All stormwater was treated within the existing right of way.

FDOT District One: I-75 South of Colonial Boulevard to South of SR 82 Design-Build, Lee County, Florida. *Lead Structural Engineer.*

American served as the lead design firm for the design-build of widening two 285-foot-10-inch long bridges. AASHTO Type IV prestressed beams with an 8-inch deck were with single column piers on 18-inch piles to carry the traffic over the spans that ranged from 46 feet to 103 feet.

FDOT District One: I-75 over SR 78 Bridges, Lee County, Florida. *QA/QC for Structures.*

This project included improvements on I-75 from north of SR 78 to the Charlotte County Line. Structural improvements include widening of the three-span bridges with overall lengths of 217 feet. Steel plate girders are used for the superstructure, which is supported by piers on 18-inch PPC pile footings.

FDOT District One: I-75 over SR 80 and Luckett Road, Ft. Myers, Florida. *Lead Designer.*

This project included the redesign of an interior pier to support additional loads resulting from removing and replacing the end span with a longer span to allow additional traffic lanes below.

FDOT District One: Sunshine Skyway Pier Demolition Design-Build, Pinellas County, Florida. *Project Manager.*

As the Lead Engineer on a design-build team, American led the appropriation of artificial reef permits with Manatee County and USACE. Securing these approvals allowed American to remove and dispose of the concrete piles, caps, beams, deck, and barrier walls offshore on an artificial reef to ensure a productive and beneficial use of recycled old bridge materials. Using marine construction techniques and carefully avoiding major arterial utilities including gas and fiber optics, the design-build team carefully removed the appropriate materials and placed them on a permitted offshore reef.

SUMMARY



Mr. Adams specializes in the design of civil engineering projects specializing in drainage, roadway, site, and utilities design. His experience includes stormwater modeling; stormwater design including detention ponds, retention ponds, storm sewers, culverts, control structures, floodplain compensation areas; and pond siting analysis and report preparation.

YEARS OF EXPERIENCE

- 24

EDUCATION

- Bachelors of Civil Engineering (BCE), Honors, Georgia Institute of Technology, 1996

PROFESSIONAL REGISTRATIONS

- Florida PE #57950, 2002

PROJECT EXPERIENCE

City of Port St. Lucie: C-24 Canal Park Boat Launch, Port St. Lucie, Florida. *Project Manager.* American provided the site design, public involvement, traffic engineering, landscape architecture, stormwater design and permitting for the C-24 Canal Park. Park improvements include four boat ramp lanes, queuing docks, fishing pier, picnic shelters, fish cleaning station, parking, bathrooms, lighting and a central wet detention pond for the 8-acre site. Access to the site is provided with an extension of an existing city street. The public involvement process resulted in preservation of significant trees and more than an acre of on-site wetlands. Coordination with both Parks and Recreation and Engineering personnel resulted in additional contiguous wetland preservation on an adjacent drainage right of way, providing additional buffer for residents, while reducing offsite flood stages thru design of provisions for offsite flows through the park facility.

FDOT District Three: SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, Santa Rosa County, Florida. *Drainage Engineer.* This capacity project consisted of widening SR 87 from two to four lanes from South of Coldwater Creek to CR 178. The rural typical section consisted of four 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of way was required and SR 87 is designated as a hurricane evacuation route. Two new structures were designed to twin the existing bridges over West Fork Big Coldwater Creek and Manning

Creek. The new bridge over Coldwater Creek consists of a five-span structure using Florida-I 54 beams for a total length of 612 feet. The bridge is supported by pile bents with 24-inch prestressed concrete piles. The new bridge over Manning Creek consists of a four-span continuous cast-in-place flat slab superstructure for a total length of 155 feet. This bridge is also supported by pile bents with 24-inch prestressed concrete piles. The existing bridges over Coldwater and Manning Creek were evaluated for thermal movements for replacement of the guardrail end anchorages. The project also included a bridge development report and bridge hydraulics report, drainage design, traffic control plans, utility coordination, and permitting.

FDOT District Three: SR 10 (US 90) over Marquis Bayou, Santa Rosa County, Florida. *Drainage Engineer.* The project included an alternatives analysis to determine the most appropriate alignment option, preparation of a bridge hydraulics report, bridge development report, approach roadway plans, and environmental and permitting for a new two-lane facility on a hurricane evacuation route over an Outstanding Florida Waterway. Based on input from the public involvement meeting, American assisted FDOT with the coordination efforts necessary to prepare and submit a Section 106 Case Study due to the historical significance of the existing bridge railings. Additional alternatives were prepared including a north and south bypass with detailed cost estimates. Additional public involvement was required based on the historical nature of the existing bridge railings and the mitigation efforts required. The final alignment allowed the new bridge to be placed where the existing bridge was located utilizing a temporary detour bridge to the south. To the maximum extent possible, the existing railings were salvaged and placed on the new bridge as the pedestrian railing.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Reevaluation Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Drainage Engineer.* The study included the addition of left-turn lanes to meet access management criteria, new signals, interstate ramp widening, bicycle lanes and sidewalks, and a new bridge. A pond siting report was completed with additional design to assist with right of way acquisition of the pond sites prior to advertising the project as a design-build project. American provided additional support for advance utility coordination and writing the request for proposal for the design-build advertisement. All documentation including the environmental reports was updated from the previous PD&E study in 1990. The public involvement efforts included two public meetings and a public hearing. The reevaluation has been approved by FHWA.

FDOT District Seven: SR 679 (Pinellas Bayway) Structure E over Intracoastal Waterway Design-Build, St. Petersburg,

Florida. Drainage Engineer. The purpose of this 2-mile project is to improve a vital connection and hurricane evacuation route for the community of Tierra Verde and visitors to Fort De Soto Park. The replacement two-lane high-level fixed span on a new alignment will serve as an essential, uninterrupted passage for road users, pedestrians, bicyclists, and marine traffic for its 75-year design life. The design-build project involves milling and resurfacing SR 679, installing new LED highway and pier lighting systems, constructing retaining walls with aesthetic treatments at bridge approaches, adding a shared use path, replacing the existing Tierra Verde and Boca Ciega seawalls, demolishing the existing bascule bridge, and realigning the intersection at Madonna Boulevard via adding a roundabout. The team developed various Alternative Technical Concepts, in collaboration with FDOT, to meet the goals and commitments of the project, overcome geometric challenges, and provide the best overall value to FDOT. Utility coordination, permitting with U.S. Army Corps of Engineers, environmental impacts, and public involvement will play a large role in the project.

City of Port St. Lucie: Crosstown Parkway Corridor Extension, Port St. Lucie, Florida. Drainage Engineer and Engineer of Record. Mr. Adams manages all drainage and stormwater management design and analysis for this project. This project represents the final segment in a new 10-mile parkway that was planned, designed and constructed by the City of Port St. Lucie. This final eastern 1.5-mile segment between Manth Lane and US 1 includes an elevated 1-mile causeway that crosses an environmentally sensitive state preserve. American was tasked with obtaining a conceptual environmental resource permit from South Florida Water Management District and an easement from FDEP over state sovereign submerged lands and state park (aquatic preserve). The strategy was to quantify the impacts for multiple corridors under consideration, and develop a worst case scenario for which a mitigation plan would be developed. Federal funding is involved and an EIS is underway, therefore careful coordination with FHWA has been necessary to ensure no action undertaken during this advanced permitting initiative compromises the EIS process in any way, including most importantly the selection of a preferred corridor. Specific work elements include: Wetland delineation for six alternative river crossing corridors and coordination with the South Florida Water Management District and U.S. Army Corps of Engineers regarding wetland line verification; Investigation and documentation of alternative methods of bridge construction to minimize impacts to wetlands and other sensitive environmental lands; Preparation of conceptual design plans for a “representative corridor” river crossing; Developing stormwater management concepts and drainage conceptual design; Estimating “worst-case” impacts from six alternative corridors for purposes of obtaining a conceptual

ERP from the South Florida Water Management District; Coordination with Department of Environmental Protection, South Florida Water Management District, and other agencies to develop potential mitigation strategies and enhancement projects for impacts to wetlands and other natural areas and Investigation of potential parcels for acquisition to offset future approval of an easement over the Savannas Preserve State Park and sovereign submerged lands within the Park.

American served as the technical support team for the City’s technical review committee during the design-build process.

City of Port St. Lucie: Continuing Professional Design Services, Port St. Lucie, Florida. Drainage Engineer. American is providing continuing professional design services for capital improvement construction projects identified in the City’s five-year capital improvement budget. The scope of work includes survey, geotechnical, design, and permitting associated with the complete design and permitting of projects, including intersection improvements, drainage modifications, driveway and culvert replacement, utility relocations, and roadway and sidewalk improvements. Task Orders have included:

- New sidewalks on Idol Avenue from the Imagine Nau Charter School to Savona Boulevard
- Plans Review for Port St. Lucie Boulevard/Gatlin Boulevard Intersection Improvements
- New sidewalks on Paar Drive from SW Port St. Lucie Boulevard west to Savona Boulevard
- Updating City Hall parking lots
- New sidewalks on North Macedo Boulevard Sidewalk from Selvitz Road to St. James Drive
- D-11 Canal Stabilization Project from SE Floresta Drive to East of SE Coral Reef Street
- Jessica Clinton Park Ball Field Project
- New sidewalks on NW East Torino Parkway-from proposed roundabout at SW California Boulevard to NW Conus Street
- New sidewalks on NW East Torino Parkway-Vizcaya Falls Subdivision to NW North Delwood Drive
- New sidewalks on NW East Torino Parkway-On South Delwood Drive from East Torino Parkway to Winterlakes Park

SUMMARY



Mr. Leschak specializes in roadway, utility, traffic, and transportation projects. Experience includes managing roadway projects; coordinating design aspects, such as signing and pavement marking and utilities; providing quality assurance/quality control Project

experience involves interstates, roadway widening, reconstruction, and milling and resurfacing of county and city roadways, design-build, maintenance of traffic design, and safety improvements. He has served as Deputy Project Manager and Engineer of Record for two diverging diamond interchanges (DDIs) in District One. He is also trained in advanced maintenance of traffic and LRE/TRNS*PORT.

YEARS OF EXPERIENCE

- 22

EDUCATION

- B.S., Civil Engineering, University of South Florida, 1999

PROFESSIONAL REGISTRATIONS

- Florida PE #63874, 2006

CONTINUING EDUCATION

- Advanced Maintenance of Traffic Refresher Course, #65151 (Valid until August 20, 2024)
- FDOT Design Conference, 2000-2001, 2003, 2006-2008, 2015
- Florida Local Users Group, 2000-2005
- Comp Book Training, Turnpike District, 2000
- FDOT Design Update training, 2001-2005, 2008
- FDOT Intersection Design, 2006
- FDOT D7 Design Symposium, 2008-2010
- FDOT Mutual Gains Negotiation, 2008

PROJECT EXPERIENCE

FDOT District Three: SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, Santa Rosa County, Florida. *QC Reviewer.* Mr. Leschak provided QA/QC for this capacity project, which primarily consisted of widening SR 87 from two to four lanes from South of Coldwater Creek to CR 178. The rural typical section will consist of four 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of way was required and SR 87 has been designated as a hurricane

evacuation route. The traffic control plan consisted of alignment shifts and phasing in order to maintain two lanes of traffic during construction along with temporary side street road closures and on-site diversions for this hurricane evacuation route. The utility coordination effort included review of existing utility plans, off-site meetings, and one on one coordination to pinpoint impacts and adjusting drainage structures to avoid additional impacts to major crossings and providing adequate clearance zone and maintenance access to the electrical poles.

FDOT District Three: SR 8 (I-10) from Santa Rosa County Line to East of CR 189 (Log Lake Road), Okaloosa County, Florida. *QC Reviewer.* This project consisted of resurfacing SR 8 with a mainline length of 3.112 miles. The project included design to improve safety, repair areas of deterioration, and extend the useful life of the roadway including slope correction, guardrail extension and replacement, median barrier, and rumble strips. On and off ramps and areas associated with the interchange at CR 189 were also resurfaced.

FDOT District Seven: Gateway Expressway Design-Build, Pinellas County, Florida. *QC Reviewer.* The overall project includes a new four-lane elevated tolled expressway from the Bayside Bridge and US 19 to I-275. American is designing the section of the project from US 19 to 49th Street and includes design of roadway, express lanes, frontage roads, maintenance of traffic, drainage, signing and pavement marking, two third-level steel box girder flyover bridges with spans up to 321 feet, five PPC I Beam bridges, and one flat slab bridge reconstruction. American's innovative design and approved ATC eliminated nearly 75 percent of the fracture critical bridge elements for the two flyover ramps and significantly reduced costs as well as the elimination of two straddle bents, thus reducing traffic impacts during construction. American is also leading the environmental, permitting, and PD&E reevaluations required for the entire \$545 million project.

FDOT District One: I-75 at SR 72 (Clark Road) Interchange, Sarasota County, Florida. *Project Manager and Engineer of Record.* The purpose of this project is to reconstruct the existing I-75 at Clark Road interchange facility to the ultimate configuration as defined in the project development and environment (PD&E) study. The interchange will be reconstructed as a diverging diamond interchange (DDI). North of Clark Road, an auxiliary lane will be added in both directions along I-75. The interchange improvements will allow the existing I-75 at SR 72 (Clark Road) bridges to remain. The drainage improvements will be open ditches, ponds, and floodplain compensation. Permits are expected from the U.S. Army Corps of Engineers, Southwest Florida Water Management District, and Florida Department of Environmental Protection.

FDOT District Three: SR 30A (US 98) Heather Drive to West of SR 30 (US 98A), Bay County, Florida. *QC Reviewer.* Mr. Leschak provided QA/QC for plans to mill and resurface 8 miles of existing roadway. This project also includes minor drainage improvements, wetland flagging, permits from Northwest Florida Water Management District, signing and marking plans, and a public involvement meeting. An in-depth ADA compliancy survey documenting all necessary improvements to the sidewalk and curb cut ramps was also prepared. In addition, 3 miles of sidewalk design was added from Powell Adams Road to Alf Coleman Road along the south side of US 98.

FDOT District Three: Group 11-07 Bridge Replacements, Liberty School Road over Gum Branch and Malcolm Taylor Road over Rice Machine Branch, Holmes County, Florida. *QC Reviewer.* Mr. Leschak provided QA/QC for this project, which involved the replacement of two structurally deficient bridges with box culverts. The roadway approaches were paved approximately 200 feet on each side of the culvert and the typical section consists of 10-foot lanes and 2-foot paved shoulders in each direction in accordance with the FDOT District Three April-June 1999 Design Newsletter. Right of way acquisition is required due to the new typical section and grading requirements. Both roadways were closed during construction and a maintenance agreement was issued with Holmes County upon the completion of construction. This project also included the preparation of a bridge development report, bridge hydraulics report, roadway plans, permits, culvert load, and public involvement.

FDOT District One: I-75 at SR 884 (Colonial Boulevard) Interchange, Lee County, Florida. *Project Manager.* American prepared plans up to Phase II. The interchange of I-75 and Colonial Boulevard needs to be improved to accommodate future traffic growth due to development in the vicinity of the interchange and is anticipated to enhance overall safety, capacity, and emergency evacuation within the County. In 2011, FDOT widened I-75 to six lanes and widened the existing bridges over Colonial Boulevard. Furthermore, Lee County widened Colonial Boulevard to six lanes in 2012. The approved PD&E study indicated that a single point urban interchange (SPUI) was the preferred alternative for the Colonial Boulevard interchange. Implementing a SPUI would require replacement of the I-75 bridges over Colonial Boulevard. In order to salvage the newly widened I-75 bridges, FHWA suggested to FDOT a reassessment of the interchange. American completed the reevaluation and determined that a DDI configuration with continuous flow intersection (CFI) at Ortiz Avenue and superstreet at Forum Boulevard is the best solution for this location. The DDI interchange alternative salvages the existing I-75 bridges.

FDOT District One: I-75 from South of SR 78 to the Charlotte

County Line, Lee County, Florida. *Project Engineer.* The typical section includes widening and resurfacing existing mainline I-75 to three travel lanes in each direction, widening to the median, 12-foot shoulders (10-foot paved) inside and outside. The typical section included accommodations for the ultimate eight-lane buildout. Milling and resurfacing of the ramps at SR 78 is included. In addition to the roadway widening, the bridge over SR 78 is widened to match the roadway widening. The project also involves the design of stormwater ponds and floodplain compensation ponds. Environmental aspects include wetland delineation, wetland mitigation, contamination screening, and permitting with the South Florida Water Management District, U.S. Army Corps of Engineers, and Florida Department of Environmental Protection as well as coordination with U.S. Fish and Wildlife Service and Florida Fish and Wildlife Conservation Commission on threatened and endangered species including the Florida panther, sandhill crane, and gopher tortoise. This project was put on hold after Phase II plans; it restarted with an accelerated schedule of 14 months due to funding that was made available. Items completed during the accelerated schedule include the South Florida Water Management District and U.S. Army Corps of Engineers permitting, roadway design, drainage design, signing and pavement marking design, and structures design with no right of way acquisition. Lighting design for the SR 78 interchange was added during this part of the project.

FDOT District One: SR 25 (US 27) from Presidents Drive to SR 60, Polk County, Florida. *Lead Roadway Engineer.* The project involves widening US 27 from four to six lanes from Presidents Drive to SR 60. The US 27 and SR 60 interchange shall be reconstructed to Single Point Urban Interchange (SPUI) and widened from four to six lanes as well along SR 60. As a subconsultant, American is responsible for the maintenance of traffic plans and signing and pavement marking plans.

FDOT District One: I-75 from SR 951 to North of Golden Gate Parkway, Collier County, Florida. *Deputy Project Manager and Engineer of Record.* This project involved milling and resurfacing the existing roadway and widening of I-75 from four to six lanes from north of SR 951 to north of Golden Gate Parkway, a distance of approximately 3.3 miles. This section included 12-foot inside and outside shoulders, 10-foot paved (full depth median). The widening of I-75 was to the median and tied into the existing six-lane section north of Golden Gate Parkway. The project also included widening the bridge over Golden Gate Canal. The drainage for the project consisted of dry detention swales running parallel to I-75, the majority of which were located within the median. The construction of four noise barriers along the project corridor was also included as part of the interstate widening.

SUMMARY



Mr. Jeffers specializes in construction management, and construction engineering and inspection. Prior to joining American for over 14 years he managed the FDOT's Broward Operations Construction Division with an annual combined project budget of well over \$250M. He supervised over 75 full-time FDOT employees as well as dozens of consultants to deliver this program. Under his leadership, this office continuously exceeded the FDOT time and money goals for total project delivery and lead all of District Four in meeting those goals. During his tenure, both at the Department and working as a consultant, Mr. Jeffers has managed multiple limited access, managed lanes, major bridge, ITS, rural reconstruction, and urban reconstruction projects including both design-build and conventional contracts.

YEARS OF EXPERIENCE

- 29

EDUCATION

- B.S., Civil Engineering and Construction Management, North Carolina State University, 1992

PROFESSIONAL REGISTRATIONS

- Florida PE #51981, 1997

CERTIFICATIONS

- TIN# J16245669
- CTQP: Final Estimates – Level 1 & 2
- Certified Public Manager, Florida State University, 2002
- FDOT Leadership Academy, 2003
- Advanced Maintenance of Traffic Refresher Course, #25906, (Valid until February 28, 2021)

PROJECT EXPERIENCE

Osceola County: NeoCity Way to Denn John Lane Extension, Osceola County, Florida. *QC Oversight.* NeoCity Way to Denn John Lane Road Extension will be the main connection into Osceola County's gateway into the technological industry. We are currently managing the construction of the three main access roads which include providing new signalization, underground utilities, multi-use paths, state of the art LED feature sign, sidewalks, curb and gutters, two box culvert (bridges), innovative landscaping, and asphalt paving. Contact: Rene LaPorte, Osceola

County Roadway Construction Manager, (239) 742-0621.

City of Venice: Capri Isles Boulevard Bridge Replacement, Venice, Florida. *QC Oversight.* Capri Isles Bridge Replacement is located on Capri Isles Boulevard in Venice, Florida. The existing three-span bridge was replaced by a two-span, integrated flat slab bridge. The project began with a pre-construction conference on January 3, 2020 and was completed in June 2020, about two months ahead of schedule. This project included relocating 12-inch water and reclaimed water lines and installing new valves. Our services included quality control of the materials, CEI inspection and management, as well as working closely with the City of Venice Public Information Office to provide information to the local residents on the status of the project and information on the detour of the traffic around the closed bridge. Contact: Kathleen Weeden, Project Manager, (941) 882-7409.

FDOT District One: Alligator Alley (I-75) NB Rest Area, Lee County, Florida. *Project Engineer.* This \$10.5-million project included rest area and maintenance buildings, reverse osmosis water treatment, concrete pavement, and highway lighting meeting "Dark Sky" requirements. Contact: Josephine Mak, FMOC Project Manager, (239) 985-7840.

EXPERIENCE PRIOR TO AMERICAN

SR-9/I-95 Express Lanes Phase 2, Broward County, Florida. *Senior Project Engineer.* Responsible for 18-mile design-build urban interstate project consisting of interstate widening, bridge widening, ITS, dynamic message signs, installation of electronic toll gantries, milling, resurfacing, interstate maintenance, and interchange modifications.

CR-811 Dixie Highway Flyover, Broward/Palm Beach County, Florida. *Senior Project Engineer.* Design-build major bridge project. Project scope consisted of drainage, lighting, signalization, dual curved steel box girders, and a single span box girder pedestrian bridge, railroad coordination, landscaping, and milling and resurfacing.

SR-93 I-75 Alligator Alley ITS, Broward County, Florida.. *Senior Project Engineer.* Project scope consist of installing DMS signs with speed detection equipment along the entire length of Alligator Alley and tying them into D4 and D1 TMC centers. FM: 432021-1-5201

SR-870/SR-810 Bascule Bridge Painting, Ft. Lauderdale, Florida. *Senior Project Engineer.* Project scope consisted of painting and minor rehab work on the Hillsboro Boulevard and Commercial Boulevard bridges over the ICWW. FM: 412493-2-52-01 and 412493-4-52-01.

SR-93/I-75 (Alligator Alley) from MP18.8 to MP 30.1, Broward County, Florida. *Senior Project Engineer.* Project scope

consisted of interstate milling and resurfacing, guardrail installation, audible pavement markings, landscaping, and shoulder improvements. FM: 415394-1-52-01

I-75/I595/SR-869 Interchange Bridge Tendon Grouting. *Senior Project Engineer.* Project scope consist of inspecting and grouting the tendons on 10 segmental bridges throughout the interchange. FM: 411852-1-5201

SR-93 I-75 (Alligator Alley) from 4 miles West of Miami Canal to Collier Line, Broward County, Florida. *Senior Project Engineer.* Project scope consisted of interstate milling and resurfacing, guardrail installation, audible pavement markings, landscaping, lighting, and shoulder improvements. FM: 415397-1-5201

SR-820 Hollywood Boulevard over ICWW Bascule Bridge Rehabilitation, Broward County, Florida.. *Senior Project Engineer.* Project scope consist of steel repairs/ replacement, deck replacement, replacing hydraulic cylinders and locks , mechanical improvements, concrete decorative handrail, tender house improvements, painting and landscaping. FM: 407507-1-5201

Hallandale Beach Boulevard over the ICWW Bridge Replacement, Broward County, Florida.. *Senior Project Engineer.* Project scope consist of building a new high level bascule bridge including the approaches and removal of the old structure, landscaping, lighting, signalization, fender construction and all other items need to construct the new bridge. FM: 227707-1-5201

SR-A1A 17th Street Causeway Bridge Replacement, Broward County, Florida. *Senior Project Engineer.* Scope consisted of building a new high-level bascule bridge including removal of the old structure, landscaping, lighting, signalization, fender construction, and all other items need to construct the new bridge including new roadway, shoulders, sidewalk, and pavement markings. Project located adjacent to Port Everglades.

SR 93 Broward County I-75 Rest Area Construction, Broward County, Florida. *Senior Project Engineer.* Scope consisted of building a new rest area on I-75 on Alligator Alley. Project included a self-contained wastewater treatment plant, the rest area building, lighting, concrete parking area and concrete roadway and asphalt entry roadway, fencing, and signage. Project was located adjacent to the environmentally sensitive Florida Everglades.

Turnpike All Electronic Tolling Project Phase 4B, Broward County, Florida. *Senior Project Engineer.* Project included milling and resurfacing the Dolphin Center Ramps, modifying Hollywood Boulevard interchange and installing tri-chord gantry and new building, modifying Griffin Road Ramps and installing cantilever gantry northbound and a truss span southbound, demo existing

buildings and tunnel and install new building, and resurfacing northbound on-ramp at County Line Road. Associated signalization, drainage, lighting, ITS, utilities, and building structures are included in the project limits.

Seminole Tribe of Florida Snake Road Project BIA Route 1281, Broward County, Florida. *Senior Project Engineer/Construction Manager.* Scope of project consisted of reconstruction of \$11.4 million, two-lane arterial with an adjacent multi-use path. Pavement reconstruction, milling and resurfacing, installation of drainage system, utility improvements, channel excavation, side street tie-in, lighting, signing, pavement markings installation of emergency signal, and landscaping.

PREVIOUS EMPLOYMENT HISTORY

CIMA Engineering Corporation: Turnpike All Electronic Tolling Project Phase 4B. *Senior Project Engineer.* Duties included oversight and coordination of contractor operations. Maintenance of project documentation. Evaluate construction methods and determine cost-effectiveness of plans and ensure proper procedures are being carried out throughout project. Scope of project included milling and resurfacing the Dolphin Center Ramps, modifying Hollywood Boulevard interchange and install tri-chord gantry and new building, modifying Griffin Road Ramps and install cantilever gantry northbound and a truss span southbound, demo existing buildings and tunnel and install new building, resurface NB on ramp at County Line Road. Associated signalization, drainage, lighting, ITS, utilities, and building structures are included in the project limits.

CIMA Engineering Corporation: Seminole Tribe of Florida Snake Road Project BIA Route 1281. *Senior Project Engineer/Construction Manager.* Duties included oversight and coordination of contractor operations. Maintenance of project documentation for FHWA Oversight. Prepared and submitted monthly estimates to Tribe. Evaluated construction methods and determined cost-effectiveness of plans and ensured proper procedures were being carried out throughout project. Scope of project consisted of re-construction of \$11.4 million, two-lane arterial with an adjacent multi-use path. Pavement re-construction, milling and resurfacing, installation of drainage system, utility improvements, channel excavation, side street tie-in, lighting, signing, pavement markings installation of emergency signal and finally landscaping.

FDOT District Four: Major Projects Manager. *Project Manager.* Mr. Jeffers was the project manager for various large federally funded stimulus projects located in Broward County.

SUMMARY



Ms. Turner assists with FDOT roadway plan preparations, traffic control plans, signing and pavement marking plans, and signalization plans. She stays well-informed of current guidelines for Americans with Disabilities Act, Public Right of Way Advisory Group, and

pedestrian and bicycle facilities. Ms. Turner also assists the environmental department with developing permit applications and plans, and coordinates public meetings and hearings. She has extensive knowledge in Designer Interface, preparation of specification packages, and electronic plans delivery. Ms. Turner is familiar with various software packages including Microstation, Geopak, AutoTurn, and GuideSign.

YEARS OF EXPERIENCE

- 30

EDUCATION

- A.D., Drafting and Design Technology, Southwest State Technical College, 1990

CONTINUING EDUCATION

- District Three CES and Akbar Seminar, 1994
- Certified Contract Estimating System (FDOT)
- Update Training FDOT Design Conference, 2000
- Specifications Training, 2001, 2004
- TRNS*PORT Training, 2002
- Update LRE Training 2003
- V8 Update Training, 2005
- Advanced Maintenance of Traffic, 2006
- Designing for Pedestrian Safety, 2011
- Public Involvement Training, 2013

PROJECT EXPERIENCE

Santa Rosa County: CR 184A (Berryhill Road) Milling and Resurfacing, Santa Rosa County, Florida. *Utility Coordinator/Public Involvement.* This LAP project that included milling and resurfacing design, pavement design, no passing zone study, signing and marking plans, and utility coordination. Due to severe cracking to the roadway, a crack relief layer was used. Bid documents were developed using the LAP guidelines. This project was successfully completed on a tight schedule of three months, from notice to proceed to final FDOT approved plans, including 60% and 90% submittals. This project was originally scoped as a safety improvement project with emphasis on repairing the

severely deteriorated roadway. Due to Santa Rosa County's budget constraints, American was able to tailor the design budget to minimize costs that would provide the County with the critical item required to repair the roadway. Safety improvements such as guard rail and drainage were provided as alternative bid items so that if additional funding were made available those improvements could be added to the project during the bidding process.

FDOT District Three: SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, Santa Rosa County, Florida.

Designer. This capacity project consisted of widening SR 87 from two to four lanes. The rural typical section consisted of two 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of way was required and SR 87 is designated as a hurricane evacuation route. Two new structures were designed to twin the existing bridges over West Fork Big Coldwater Creek and Manning Creek. The new bridge over Coldwater Creek consisted of a five-span structure using Florida-I 54 beams for a total length of 612 feet. The bridge was supported by pile bents with 24-inch prestressed concrete piles. The new bridge over Manning Creek consisted of a four-span continuous cast-in-place flat slab superstructure for a total length of 155 feet. This bridge was also supported by pile bents with 24-inch prestressed concrete piles. The existing bridges over Coldwater and Manning Creek were evaluated for thermal movements for replacement of the guardrail end anchorages. The project also consisted of bridge development report and bridge hydraulics reports for each bridge. The traffic control plans consisted of alignment shifts and phasing in order to maintain two lanes of traffic during construction along with temporary side street road closures and onsite diversions. The utility coordination efforts included review of existing utility plans, off-site meetings, and one-on-one coordination to pinpoint impacts and adjusting drainage structures to avoid additional impacts to major crossings and providing adequate clear zone and maintenance access to the electrical poles.

FDOT District Three: SR 10 (US 90) over Marquis Bayou, Santa Rosa County, Florida.

Designer. The project included an alternatives analysis to determine the most appropriate alignment option, preparation of a bridge hydraulics report, bridge development report, approach roadway plans, and environmental and permitting for a new two-lane facility on a hurricane evacuation route over an Outstanding Florida Waterway. Based on input from the public involvement meeting, American assisted FDOT with the coordination efforts necessary to prepare and submit a Section 106 Case Study due to the historical significance of the existing bridge railings. Additional alternatives were prepared including a north and south bypass with detailed cost estimates. Additional public involvement was required based on the historical nature of the existing bridge railings and the mitigation efforts required. The

final alignment allowed the new bridge to be placed where the existing bridge was located utilizing a temporary detour bridge to the south. To the maximum extent possible, the existing railings were salvaged and placed on the new bridge as the pedestrian railing.

FDOT District Three: SR 10 (US 90) (Caroline Street) Widening from East of Glover Lane to SR 87 North, Santa Rosa County, Florida. *Designer.* American prepared plans to widen US 90 from a four-lane suburban typical section to a six-lane urban typical section including dedicated bicycle lanes and pedestrian facilities. Additional improvements included signalization plans, LJR, lighting plans, stormwater facilities, permitting and utility coordination.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Reevaluation Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Lead Designer.* The study included the addition of left-turn lanes to meet access management criteria, new signals, interstate ramp widening, bicycle lanes and sidewalks, and a new bridge. A pond siting report was completed with additional design to assist with right of way acquisition of the pond sites prior to advertising the project as a design-build project. American provided additional support for advance utility coordination and writing the request for proposal for the design-build advertisement. All documentation including the environmental reports was updated from the previous PD&E study in 1990. The public involvement efforts included two public meetings and a public hearing. The reevaluation has been approved by FHWA.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Designer.* This PD&E study consists of an in-depth review of a flyover near Navy Federal Credit Union as well as at grade alternatives. The PD&E study will provide all engineering and environmental documents for the preferred alternative. A virtual public involvement meeting and a public hearing will be held for the project.

FDOT District Three: SR 30 (US 98) Harbor Boulevard from East Pass Bridge to Airport Road, Okaloosa County, Florida. *Designer.* This RRR project involves resurfacing SR 30 (US 98) Harbor Boulevard from the East Pass Bridge to Airport Road, a distance of approximately 3 miles. The existing divided four-lane urban typical section consists of two 12-foot travel lanes in each direction separated by a 30-foot landscaped median. Major work includes milling and resurfacing the existing roadway and ADA improvements including actuated midblock cross walks and mast arms. Other work items include pavement design, turn lane design, minor drainage improvements, signing and pavement marking, lighting justification report, mast arm design, traffic

control plans, utility coordination, permitting, public involvement, survey and mapping, and geotechnical. The design will include coordination with the City of Destin, Okaloosa County, Okaloosa-Walton TPO, and residential areas and businesses.

FDOT District Three: SR 8 (I-10) from Santa Rosa County Line to East of CR 189 (Log Lake Road), Okaloosa County, Florida. *Lead Designer.* This project consisted of resurfacing SR 8 with a mainline length of 3.112 miles. The project included design to improve safety, repair areas of deterioration, and extend the useful life of the roadway including slope correction, guardrail extension and replacement, median barrier, and rumble strips. On and off ramps and areas associated with the interchange at CR 189 were also resurfaced.

FDOT District Three: Group 20-02 Robbins Bridge Road over Ten Mile Creek, Holmes County, Florida. *Designer.* American is serving as a subconsultant for the replacement of a structurally deficient bridge on Robbins Bridge Road over Ten Mile Creek. The new bridge and roadway within the project limits is being designed to meet AASHTO requirements and to carry two lanes of traffic. American is preparing an off-site detour route in order for Robbins Bridge Road to be closed during construction. The new bridge structure will consist of a CIP flat slab supported by pile bents with 18-inch prestressed concrete piles. Bridge Hydraulic Modeling was performed using HEC-RAC 1D/2D modeling. 3D corridor modeling was also performed for the project.

FDOT District Three: SR 75 (US 231) from SR 30A (US 98) 15th Street To South of Pipeline Road, Bay County, Florida. *Designer.* SR 75 (US 231) is a corridor capacity reconstruction project primarily consisting of widening SR 75 (US 231) from eight to 12 lanes from SR 30A (US 98) to south of Pipeline Road and constructing flyover ramps on SR 30A (US 98) and on SR 77. The project also includes widening and intersection improvements along SR 389 (and CR 389) from just west of Baldwin Road to east of Sherman Avenue. The typical section for SR 389 includes two 12-foot lanes in each direction with a variable width median, 5-foot sidewalks and 7-foot buffered bike lanes. Drainage improvements include converting the existing open ditch system to a close system with permitted stormwater treatment ponds. Additional tasks include utility coordination, railroad coordination, traffic control, and public involvement.

SUMMARY



Mr. Alkhatib is an engineering intern specializing in roadway design. He has experience working on both local municipal and FDOT projects and is familiar with FDOT and local municipal design standards. His experience includes highway design, and signing and

pavement marking design.

YEARS OF EXPERIENCE

- 3

EDUCATION

- B.S., Civil Engineering, University of South Alabama, 2017

PROFESSIONAL REGISTRATIONS

- Florida EI #18581, 2019

PROJECT EXPERIENCE

FDOT District Three: SR 10 (US 90) (Caroline Street) Widening from East of Glover Lane to SR 87 North, Santa Rosa County, Florida. *Engineering Intern.* American prepared plans to widen US 90 from a four-lane suburban typical section to a six-lane urban typical section including dedicated bicycle lanes and pedestrian facilities. Additional improvements included signalization plans, LJR, lighting plans, stormwater facilities, permitting and utility coordination.

FDOT District Three: US 90 PD&E Study from Scenic Highway to the Santa Rosa County Line and from the Escambia County Line to Glover Lane, Escambia and Santa Rosa Counties, Florida. *Engineering Intern.* American is performing a PD&E study for US 90 within Escambia and Santa Rosa Counties, from Scenic Highway to Glover Lane. The length of the study area is approximately 11 miles. The project includes reviewing 12 bridges that will be analyzed for potential replacement or widening. Typical section alternatives, including rural, urban, and suburban, will be evaluated for the corridor. The scope of work includes traffic analysis, agency coordination, public meetings, a public hearing, and all supporting documentation. Environmental work includes preparation of a Type II categorical exclusion, natural resource evaluation, endangered species biological assessment, air quality screening, contamination screening, traffic noise analysis, and water quality evaluation. Coordination will be required with Santa Rosa County for potential impacts to two park facilities on the project. Other engineering work includes pond sizing and bridge hydraulics reports.

FDOT District Three: SR 30 (US 98) Harbor Boulevard from East Pass Bridge to Airport Road, Okaloosa County, Florida. *Engineering Intern.* This RRR project involves resurfacing SR 30 (US 98) Harbor Boulevard from the East Pass Bridge to Airport Road, a distance of approximately 3 miles. The existing divided four-lane urban typical section consists of two 12-foot travel lanes in each direction separated by a 30-foot landscaped median. Major work includes milling and resurfacing the existing roadway and ADA improvements including actuated midblock cross walks and mast arms. Other work items include pavement design, turn lane design, minor drainage improvements, signing and pavement marking, lighting justification report, mast arm design, traffic control plans, utility coordination, permitting, public involvement, survey and mapping, and geotechnical. The design will include coordination with the City of Destin, Okaloosa County, Okaloosa-Walton TPO, and residential areas and businesses.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Engineering Intern.* This PD&E study consists of an in-depth review of a flyover near Navy Federal Credit Union as well as at grade alternatives. The PD&E study will provide all engineering and environmental documents for the preferred alternative. A virtual public involvement meeting and a public hearing will be held for the project.

FDOT District Seven: SR 679 (Pinellas Bayway) Structure E over Intracoastal Waterway Design-Build, St. Petersburg, Florida. *Engineering Intern.* The purpose of this 2-mile project is to improve a vital connection and hurricane evacuation route for the community of Tierra Verde and visitors to Fort De Soto Park. The existing low level bascule bridge is being replaced with a 17-span 2,583-foot long high level PPC I beam bridge over the intracoastal waterway. The PPC beams are supported on CIP concrete hammerhead piers supported on 24-inch square PPC piles driven to 575 tons of nominal bearing resistance. The water piers are designed for up to 50 tons of scour and an elevation as deep as -50 feet below sea level. A minimum of 100 feet of horizontal clearance and up to nearly 80 feet of vertical clearance is provided. With ship impact loads of up to 2495k, the superstructure is made continuous over the piers adjacent to the intracoastal waterway navigation channel. The width of the new bridge is 66 feet 9 inches and includes two 12-foot lanes, two 10-foot shoulders, and a 12-foot and 5-foot barrier separated pedestrian trail and sidewalk, respectively.

FDOT District One: SR 25 (US 27) from Presidents Drive to SR 60, Polk County, Florida. *Engineering Intern.* The project involves widening US 27 from four to six lanes from Presidents Drive to SR 60. The US 27 and SR 60 interchange shall be

reconstructed to Single Point Urban Interchange (SPUI) and widened from four to six lanes as well along SR 60. As a subconsultant, American is responsible for the maintenance of traffic plans and signing and pavement marking plans.

FDOT District Three: SR 85 (S Ferdon Boulevard) PD&E Study from SR 123 (Roger J Clary Highway) to SR 8 (I-10), Okaloosa County, Florida. *Engineering Intern.* As a subconsultant, American is providing roadway, structural, and lighting design support on this PD&E study. The project includes studying alternatives for widening SR 85 from a four-lane to a six-lane facility for a distance of approximately 11 miles. Alternatives include rural widening to the inside or outside and a suburban typical section.

FDOT District Three: Districtwide Bridge Repair, Florida (2015-present). *Engineering Intern.* This project involves many different types of tasks including complex expansion joint replacements, life cycle studies, LRFR load rating updates, and painting projects. Most recently, American completed emergency repair plans for SR 399 over US 98 after a truck severely damaged the exterior beam. Final plans and specifications for this emergency repair were produced within two weeks. American is also working on the design of a precast, prestressed, transversely post-tensioned approach slab along SR 8 (I-10) over Apalachicola Northern Railroad, which will be the first of its kind in the state once constructed. The new slab will replace the existing east approach slab in the westbound direction that is cracked and settling. The project will also involve 100 feet of roadway reconstruction and will be completed with nightly lane closures.

FDOT District Three: SR 75 (US 231) from SR 30A (US 98) 15th Street To South of Pipeline Road, Bay County, Florida. *Engineering Intern.* SR 75 (US 231) is a corridor capacity reconstruction project primarily consisting of widening SR 75 (US 231) from eight to 12 lanes from SR 30A (US 98) to south of Pipeline Road and constructing flyover ramps on SR 30A (US 98) and on SR 77. The project also includes widening and intersection improvements along SR 389 (and CR 389) from just west of Baldwin Road to east of Sherman Avenue. The typical section for SR 389 includes two 12-foot lanes in each direction with a variable width median, 5-foot sidewalks and 7-foot buffered bike lanes. Drainage improvements include converting the existing open ditch system to a close system with permitted stormwater treatment ponds. Additional tasks include utility coordination, railroad coordination, traffic control, and public involvement.

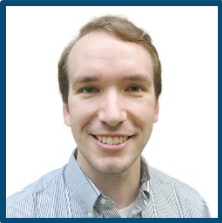
FDOT District Three: SR 292 Multi-Use Path from the Alabama State Line to the Western Entrance of Perdido Key State Park, Escambia County, Florida. *Engineering Intern.* American is providing engineering services for a multi-use path along SR 292. The project includes an analysis to determine the location of the

path, extensive utility coordination, boardwalk design within the state park, drainage, signing and pavement markings, public involvement, ADA improvements, environmental permitting, geotechnical investigations, subsurface utility engineering, and survey. The project is located within critical habitat for the Perdido Key Beach Mouse and will require extensive coordination with U.S. Fish and Wildlife Services and Florida Fish and Wildlife Conservation Commission.

FDOT District Seven: I-75 at MLK Interchange from South of CSX/Broadway Avenue to I-4, Hillsborough County, Florida. *Engineering Intern.* American prepared plans up to Phase I. This project consists of providing a two-lane at-grade collector distributor (CD) roadway adjacent to I-75 to take traffic to I-4. This CD roadway improves I-75 mainline operations and eliminates the weave between Martin Luther King Jr. Boulevard and I-4 in the northbound direction of I-75. American analyzed various options for the CD road to determine the greatest value, level of service, and safety with the least impact to utilities. The project also reconstructs the existing interchange to a diverging diamond interchange (DDI) and incorporates the CD roadway into the DDI design. The drainage improvements will be linear ponds and floodplain compensation all within the existing limited access right of way. Permits are expected from the U.S. Army Corps of Engineers, Southwest Florida Water Management District, and Florida Department of Environmental Protection.

FDOT District Seven: Gateway Expressway Design-Build, Pinellas County, Florida. *Engineering Intern.* The overall project includes a new four-lane elevated tolled expressway from the Bayside Bridge and US 19 to I-275. American is designing the section of the project from US 19 to 49th Street and includes design of roadway, express lanes, frontage roads, maintenance of traffic, drainage, signing and pavement marking, two third-level steel box girder flyover bridges with spans up to 321 feet, five PPC I Beam bridges, and one flat slab bridge reconstruction. American's innovative design and approved ATC eliminated nearly 75 percent of the fracture critical bridge elements for the two flyover ramps and significantly reduced costs as well as the elimination of two straddle bents, thus reducing traffic impacts during construction. American is also leading the environmental, permitting, and PD&E reevaluations required for the entire \$545 million project.

SUMMARY



Mr. Barnett is an is an engineering intern with experience in civil design, water resources, and transportation design. He has experience with AutoCAD/Civil3D, MicroStation, Inroads, STAAD.Pro, and WaterGEMS.

YEARS OF EXPERIENCE

- 1

EDUCATION

- B.S., Civil Engineering, University of South Alabama, 2020

PROFESSIONAL REGISTRATIONS

- Alabama EI #18774, 2020

PROJECT EXPERIENCE

FDOT District Three: SR 10 (US 90/Nine Mile Road) PD&E Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Engineering Intern.* This PD&E study consists of an in-depth review of a flyover near Navy Federal Credit Union as well as at grade alternatives. The PD&E study will provide all engineering and environmental documents for the preferred alternative. A virtual public involvement meeting and a public hearing will be held for the project.

FDOT District Three: Group 20-02 Robbins Bridge Road over Ten Mile Creek, Holmes County, Florida. *Engineering Intern.* American is serving as a subconsultant for the replacement of a structurally deficient bridge on Robbins Bridge Road over Ten Mile Creek. The new bridge and roadway within the project limits is being designed to meet AASHTO requirements and to carry two lanes of traffic. American is preparing an off-site detour route in order for Robbins Bridge Road to be closed during construction. The new bridge structure will consist of a CIP flat slab supported by pile bents with 18-inch prestressed concrete piles. Bridge Hydraulic Modeling was performed using HEC-RAC 1D/2D modeling. 3D corridor modeling was also performed for the project.

FDOT District Three: SR 75 (US 231) from SR 30A (US 98/15th Street) to South of Pipeline Road, Bay County, Florida. *Engineering Intern.* SR 75 (US 231) is a corridor capacity reconstruction project primarily consisting of widening SR 75 (US 231) from eight to 12 lanes from SR 30A (US 98) to south of Pipeline Road and constructing flyover ramps on SR 30A (US 98) and on SR 77. The project also includes widening and intersection

improvements along SR 389 (and CR 389) from just west of Baldwin Road to east of Sherman Avenue. The typical section for SR 389 includes two 12-foot lanes in each direction with a variable width median, 5-foot sidewalks, and 7-foot buffered bike lanes. Drainage improvements include converting the existing open ditch system to a close system with permitted stormwater treatment ponds. Additional tasks include utility coordination, railroad coordination, traffic control, and public involvement.

FDOT District Three: Districtwide Miscellaneous PD&E Consultant Services (2017-present), Florida. *Engineering Intern.* This contract provides miscellaneous environmental support services for projects within District Three's five-year work program and range from environmental reviews, reevaluations, commitment monitoring, document reviews, wetland delineation and evaluations, cultural resources, navigation studies, air and noise studies, mitigation plans/banks, wildlife and habitat studies, and Section 106 and Section 4(f) studies.

General Engineering Services for Public Works, Okaloosa County, Florida. *Engineering Intern.* American is currently providing General Engineering services to Okaloosa County. Some of our completed tasks to date include:

- **Lafitte Crescent Stormwater Retrofit.** The purpose of this project was to replace a failing stormwater infrastructure that contributes to flooding conditions in light to moderate rainfall events and transport and deposition of sediment and other pollutants into Cinco Bayou. These flooding events create hazardous conditions on the roadways and disseminate pollutants to areas that create public health concerns. The project scope included providing design, bidding, and construction phase services to replace stormwater infrastructure from the inlets at Standish Court and Bradford Drive southward to the outfall into Bayou Cinco. This project is currently under construction.
- **Bluewater Roundabout Conceptual Design.** The purpose of this project was to provide a conceptual design for safety Improvements to the existing roundabout located at the intersection of Bluewater Boulevard and Southwind Drive. Improvements included adding sidewalk, pedestrian features, modernizing striping, as well as modifications to the center island to facilitate a safer movement between vehicle and pedestrian/bicycles.
- **Commons Drive Sidewalk.** The purpose of this project is to add sidewalk in areas along Commons Drive to connect existing facilities between Indian Bayou Trail and Matthew Boulevard. American is currently in the design phase.

SUMMARY



Mr. Rosenblatt specializes in wetlands, wildlife, ecology, and environmental permitting. He is knowledgeable of federal, state, and local rules and regulations regarding environmental resources and permitting. His project experience includes wetland delineation and permitting,

mitigation design and monitoring, listed species surveys, biological assessments, project development and environment studies, and preparation of environmental resource permit application packages.

YEARS OF EXPERIENCE

- 27

EDUCATION

- B.S., Zoology/Marine Biology, University of Georgia, 1992

PROFESSIONAL CERTIFICATIONS

- Diver Certification, National Association of Underwater Instructors (NAUI)
- Hazardous Waste Operations and Emergency Response (HAZWOPER), Oil Spill Assessment
- Certified Stormwater Management Inspector – Florida Department of Environmental Protection (FDEP)
- Certified Watercraft Operator

CONTINUING EDUCATION

- Environmental Permitting Summer School, Florida Chamber Foundation and Florida Environmental Network, Inc. July, 22-25, 2014
- Natural Resource Damage Assessment (NRDA) Training, May 26, 2010
- Shoreline Cleanup Assessment Team (SCAT) Assessment Training, May 12, 2010
- HAZWOPER Certification to perform Oil Spill Assessment Work, May 10, 2010
- FDEP Stormwater Erosion and Sedimentation Control Program, July 7, 2006
- Florida's Uniform Mitigation Assessment Method Training/Pre-School – Growth Management and Environmental Permitting Course, March 1-2, 2005

- Southwest Florida Water Management District (SWFWMD) Uniform Mitigation Assessment Method Training, February 1, 2005
- Methods for Identifying Soils and Determining Seasonal High Ground Water Table Depth, February 16, 2005
- Gopher Tortoise Conservation Initiative (GTCI) – Gopher Tortoise Management and Mitigation Field Training Workshop, July 23-25, 2003
- Institute for Wetland & Environmental Education & Research (IWEER) Wetlands Course – Grasses, Sedges, and Rushes, September 25-26, 2000
- State of Florida Boating Safety Certification

PROJECT EXPERIENCE

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Environmental Scientist.* This PD&E study consists of an in-depth review of a flyover near Navy Federal Credit Union as well as at grade alternatives. The PD&E study will provide all engineering and environmental documents for the preferred alternative. A virtual public involvement meeting and a public hearing will be held for the project.

FDOT District Three: SR 30A (US 98) Heather Drive to West of SR 30 (US 98A), Bay County, Florida. *Environmental Scientist.* This project consisted of milling and resurfacing 8 miles of US 98. This project also included minor drainage improvements, wetland flagging, permits from Northwest Florida Water Management District, signing and marking plans, and a public involvement meeting. An in-depth ADA Compliancy Survey documenting all necessary improvements to the sidewalk and curb cut ramps was also prepared. In addition, 3 miles of sidewalk design was added from Powell Adams Road to Alf Coleman Road along the south side of US 98.

FDOT District Three: SR 30A (US 98) from Walton County Line to Heather Drive, Bay County, Florida. *Environmental Scientist.* This RRR project primarily consists of resurfacing SR 30A (US 98/Back Beach Road/Panama City Beach Parkway) from the Walton County Line to Heather Drive. SR 30A will be resurfaced from the Walton County Line to the visible pavement change on the west side of the intersection with Heather Drive. Left-turn lanes will be constructed as part of this project at Palm Beach Drive, Dolphin Drive, Gulf View, and Gainous Road. The traffic detector loops on CR 30 and SR 30A that are impacted by the resurfacing operation will be replaced. Other anticipated signal work at this location includes reconstructing pedestrian detectors and signal heads to meet Americans with Disabilities (ADA) access requirements. Pedestrian lighting will be constructed at the

intersection with CR 30 (Front Beach Road) with bicycle and pedestrian facilities throughout the project limits being evaluated.

FDOT District Three: Districtwide Miscellaneous PD&E Consultant, Florida. *Environmental Scientist.* This contract provides miscellaneous environmental support services for projects within District Three's five-year work program and range from environmental reviews, reevaluations, commitment monitoring, document reviews, wetland delineation and evaluations, cultural resources, navigation studies, air and noise studies, mitigation plans/banks, wildlife and habitat studies, and Section 106 and Section 4(f) studies.

FDOT District Three: SR 77 Widening Design and Permitting Services, Washington County, Florida. *Environmental Project Manager.* Responsible for wetland jurisdictional determinations, wetland impact analyses, stormwater pond siting, preparation of the U.S. Army Corps of Engineers/Northwest Florida Water Management District Environmental Resource Permitting application, mitigation plan design and coordination, and protected species and wildlife surveys. The proposed project is to reconstruct SR 77 from a two-lane undivided arterial to a four-lane divided arterial from just north of Wausau to CR 276.

GDOT: SR 7/US 41 at Cedar Creek, Crisp County, Georgia. *Environmental Scientist.* As a subconsultant, American is providing environmental studies including ecology field surveys, protected species survey, and USACE coordination for the SR 7 at Cedar Creek bridge project.

GDOT: I-85 at SR 34 Operational Improvements, Coweta County, Georgia. *Environmental Scientist.* This project includes the design services and environmental documentation for operational improvements on I-85 at SR 34 and SR 34 from SR 34 bypass to I-85 SB ramp. The scope of services includes development of the environmental document including all required environmental studies, signing and marking plans, utility relocation plans, erosion control plans, preliminary and final roadway plans, maintenance of traffic plans, a final plans, specifications, and estimates (PS&E) package (including revisions through project final acceptance), and construction services.

Santa Rosa County: Tom King Bayou Pedestrian Bridge, Santa Rosa County, Florida. *Environmental Scientist.* American is currently providing design services for the construction of a pedestrian bridge across Tom King Bayou. The project will provide the missing link of shared-use path from the existing driveway approximately 180 feet west of the Bayou to Robeldal Drive/Avenia De Soto. In an effort to minimize impacts to surrounding wetlands and eliminate the need to bring in extensive fill, approach boardwalk will be constructed leading up to the main crossing. The main crossing will consist of a 100-foot single span, prefabricated truss. This project also included close coordination

with utility owners within the project limits and the structure design was completed to avoid any impacts. Permitting through FDEP and US Army Corps, hydraulic analysis, geotechnical investigation, survey, and subsurface utility investigation was also completed.

Whitfield County: SR 201 Extension, Whitfield County, Georgia. *Environmental Scientist.* The project involves the extension of SR 201 west to SR 3/US 41 on new location and realignment of the existing SR 201. The scope includes intersection improvements at SR 3/US 41, Old Lake Road and Lees Chapel Road. Duties included oversight and design of horizontal and vertical alignments, drainage design, cross sections, utility coordination, signing and marking and erosion control. Environmental tasks include delineation of two streams, identifying streams as ephemeral, intermittent or perennial, delineation of two wetlands, wildlife surveys, and environmental screening.

SUMMARY



Ms. Powell specializes in project management and the structural analyses, calculations, and preparation of design drawings for a variety of transportation structures including signalization, overhead signs, lighting, retaining walls, and bridge structures. She has also

conducted engineering assessments and evaluations of existing structures and prepared technical reports documenting the findings and recommendations. Ms. Powell has also assisted in all aspects of a bridge replacement project development and environment (PD&E) study including public involvement and environmental coordination. She also served as the office engineer and reviewer for several bridge construction engineering and inspection projects.

YEARS OF EXPERIENCE

- 17

EDUCATION

- B.S., Civil Engineering, University of South Florida, 2004

PROFESSIONAL REGISTRATIONS

- Florida PE #70045, 2009
- Virginia PE #0402046944, 2010

TECHNICAL SKILLS

- Microstation
- MathCad, MATLAB
- Microsoft Office Package
- SmartBridge SA
- FDOT Design Programs
- Geopak
- AutoCAD
- STADD
- Conspan
- FB Pier
- Atlas
- Consplice
- SPT97
- MDX

PROJECT EXPERIENCE

City of Milton: Riverwalk South Boardwalk Extension Design Services, Milton, Florida. *Structural Engineer.* American is designing the Riverwalk South boardwalk extension, which will

improve pedestrian access for the growing community and enhance both the cultural and economic prosperity of the City. This will expand the existing boardwalk to the south approximately 365 feet toward the railroad trestle bridge to another planned development and potential new marina. The new boardwalk will be designed to match the aesthetic features of the existing boardwalk, which is a waterfront access point to Blackwater River, an Outstanding Florida Water. These features include a pedestrian handrail on the land side and timber posts on the marine side. Additional improvements will include sidewalks and a staging area for park events within the existing city property located adjacent to the proposed boardwalk. Environmental services include permitting through Department of Environmental Protection and U.S. Army Corps of Engineers.

FDOT District Three: SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, Santa Rosa County, Florida. *Structural Engineer of Record.* This capacity project consisted of widening SR 87 from two to four lanes. The rural typical section consisted of four 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of way was required and SR 87 is designated as a hurricane evacuation route. Two new structures were designed to twin the existing bridges over West Fork Big Coldwater Creek and Manning Creek. The new bridge over Coldwater Creek consists of a five-span structure using Florida-I 54 beams for a total length of 612 feet. The bridge is supported by pile bents with 24-inch prestressed concrete piles. The new bridge over Manning Creek consists of a four-span continuous cast-in-place flat slab superstructure for a total length of 155 feet. This bridge is also supported by pile bents with 24-inch prestressed concrete piles. The existing bridges over Coldwater and Manning Creek were evaluated for thermal movements for replacement of the guardrail end anchorages. The project also included a bridge development report and bridge hydraulics report, drainage design, traffic control plans, utility coordination, and permitting.

FDOT District Three: US 90 PD&E Study from Scenic Highway to the Santa Rosa County Line and from the Escambia County Line to Glover Lane, Escambia and Santa Rosa Counties, Florida. *Structures Engineer.* American is performing a PD&E study for US 90 within Escambia and Santa Rosa Counties, from Scenic Highway to Glover Lane. The length of the study area is approximately 11 miles. The project includes reviewing 12 bridges that will be analyzed for potential replacement or widening. Typical section alternatives, including rural, urban, and suburban, will be evaluated for the corridor. The scope of work includes traffic analysis, agency coordination, public meetings, a public hearing, and all supporting documentation. Environmental work includes preparation of a State Environmental Impact Report (SEIR),

natural resource evaluation, endangered species biological assessment, air quality screening, contamination screening, traffic noise analysis, and water quality evaluation. Coordination will be required with Santa Rosa County for potential impacts to two park facilities on the project. Other engineering work includes pond sizing and bridge hydraulics reports.

FDOT District Three: SR 10 (US 90) over Marquis Bayou, Santa Rosa County, Florida. *Structural Design Engineer and Structural Engineer of Record.* The project included an alternatives analysis to determine the most appropriate alignment option, preparation of a bridge hydraulics report, bridge development report, approach roadway plans, and environmental and permitting for a new two-lane facility on a hurricane evacuation route over an Outstanding Florida Waterway. Based on input from the public involvement meeting, American assisted FDOT with the coordination efforts necessary to prepare and submit a Section 106 Case Study due to the historical significance of the existing bridge railings. Additional alternatives were prepared including a north and south bypass with detailed cost estimates. Additional public involvement was required based on the historical nature of the existing bridge railings and the mitigation efforts required. The final alignment allowed the new bridge to be placed where the existing bridge was located utilizing a temporary detour bridge to the south. To the maximum extent possible, the existing railings were salvaged and placed on the new bridge as the pedestrian railing.

FDOT District Three: SR 30 (US 98) Harbor Boulevard from East Pass Bridge to Airport Road, Okaloosa County, Florida. *Lead Structures Engineer.* This RRR project involves resurfacing SR 30 (US 98) Harbor Boulevard from the East Pass Bridge to Airport Road, a distance of approximately 3 miles. The existing divided four-lane urban typical section consists of two 12-foot travel lanes in each direction separated by a 30-foot landscaped median. Major work includes milling and resurfacing the existing roadway and ADA improvements including actuated midblock cross walks and mast arms. Other work items include pavement design, turn lane design, minor drainage improvements, signing and pavement marking, lighting justification report, mast arm design, traffic control plans, utility coordination, permitting, public involvement, survey and mapping, and geotechnical. The design will include coordination with the City of Destin, Okaloosa County, Okaloosa-Walton TPO, and residential areas and businesses.

FDOT District Three: SR 10 (US 90A/Nine Mile Road) PD&E Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida. *Structures Engineer.* Reevaluation that developed typical section alternatives and concept plans for this 5.8-mile two-lane rural roadway to a four-lane rural/suburban roadway. The study included the addition of

left-turn lanes to meet access management criteria, new signals, interstate ramp widening, bicycle lanes and sidewalks, and a new bridge. American assisted in the development of the new bridge typical section over Eleven Mile Creek and evaluation alternatives to increase vertical clearance at SR 8 (I-10) over Nine Mile Road.

FDOT District Seven: SR 679 (Pinellas Bayway) Structure E over Intracoastal Waterway Design-Build, St. Petersburg, Florida. *Structural Engineer.* The purpose of this 2-mile project is to improve a vital connection and hurricane evacuation route for the community of Tierra Verde and visitors to Fort De Soto Park. The existing low level bascule bridge is being replaced with a 17-span 2,583-foot long high level PPC I beam bridge over the intracoastal waterway. The PPC beams are supported on CIP concrete hammerhead piers supported on 24-inch square PPC piles driven to 575 tons of nominal bearing resistance. The water piers are designed for up to 50 tons of scour and an elevation as deep as -50 feet below sea level. A minimum of 100 feet of horizontal clearance and up to nearly 80 feet of vertical clearance is provided. With ship impact loads of up to 2495k, the superstructure is made continuous over the piers adjacent to the intracoastal waterway navigation channel. The width of the new bridge is 66 feet 9 inches and includes two 12-foot lanes, two 10-foot shoulders and a 12-foot and 5-foot barrier separated pedestrian trail and sidewalk, respectively.

FDOT District One: Anna Maria Island Bridge Replacement, Manatee County, Florida. *Structural Engineer.* This project involves designing a 21-span 3,150-foot high-level fixed bridge over the Intracoastal Waterway to replace the existing bascule bridge to Anna Maria Island. Florida I beams, Florida U beams, and post tensioned segmental box girders were considered in the bridge development report evaluation. The design includes ship impact loads in excess of 2,500k at the channel piers. This high profile project includes close interaction with an aesthetics review committee for the base structure type, span arrangements, and pier shapes as well as the ancillary items such as pedestrian overlooks, lighting, and railings. The shallow water depths for much of the length requiring a temporary trestle or top down construction techniques complicates the design with extensive sea grasses in the area.

FDOT District One: Alligator Alley Safety Improvements, Collier County, Florida. *Structural Designer.* This project consisted of the design and preparation of plans for construction of structural safety barriers to prevent errant vehicles from straying into the canals running parallel to the road through much of interstate's length. This project earned the Chairman's Award from TeamFL, a FICE Grand Award in 2004, and ACEC Honor Award in 2005.

SUMMARY



Mr. Barrett specializes in structure and bridge design including performing structural analyses, calculations, and preparation of design drawings. Project experience includes concrete and steel bridges, transportation structures, and flyovers. He has assisted in conducting evaluations of existing structures and preparation of technical reports documenting the recommendations.

YEARS OF EXPERIENCE

- 7

EDUCATION

- B.S., Civil Engineering, University of Alabama, 2013

PROFESSIONAL REGISTRATIONS

- Florida PE #85538, 2018
- Alabama PE #37528, 2018

TECHNICAL SKILLS

- MicroStation- design and manipulation of designs
- Microsoft Office- Excel, Word, Powerpoint
- Experience in programming with C++
- Experience in using MATLAB
- STAADPRO- design and member analysis
- Leap Bridge Software – Conspan and RC Pier
- MathCad
- FB Pier
- FDOT Design Programs
- Leap Bridge Steel
- MDX

PROJECT EXPERIENCE

FDOT District Three: SR 87, South of Coldwater Creek to CR 178/Van Jernigan Road, Santa Rosa County, Florida. *Engineering Intern.* Mr. Barrett provided retaining wall design and plans. This capacity project consisted of widening SR 87 from two to four lanes from South of Coldwater Creek to CR 178. The rural typical section consisted of four 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of way was required and SR 87 is designated as a hurricane evacuation route. Two new structures were designed to twin the

existing bridges over West Fork Big Coldwater Creek and Manning Creek. The new bridge over Coldwater Creek consists of a five-span structure using Florida-I 54 beams for a total length of 612 feet. The bridge is supported by pile bents with 24-inch prestressed concrete piles. The new bridge over Manning Creek consists of a four-span continuous cast-in-place flat slab superstructure for a total length of 155 feet. This bridge is also supported by pile bents with 24-inch prestressed concrete piles. The existing bridges over Coldwater and Manning Creek were evaluated for thermal movements for replacement of the guardrail end anchorages. The project also included a bridge development report and bridge hydraulics report, drainage design, traffic control plans, utility coordination, and permitting.

Escambia County: Lake Charlene Drainage System Model/Evaluation, Escambia County, Florida. *Engineering Intern.* Mr. Barrett provided retaining wall design and plans to improve the drainage in the vicinity of Lake Charlene. The area surrounding Lake Charlene experienced flooding and was in dire need of a redesign of the stormwater system.

FDOT District Three: US 90 PD&E Study from Scenic Highway to the Santa Rosa County Line and from the Escambia County Line to Glover Lane, Escambia and Santa Rosa Counties, Florida. *Engineering Intern.* American is performing a PD&E study for US 90 within Escambia and Santa Rosa Counties, from Scenic Highway to Glover Lane. The length of the study area is approximately 11 miles. The project includes reviewing 12 bridges that will be analyzed for potential replacement or widening. Typical section alternatives, including rural, urban, and suburban, will be evaluated for the corridor. The scope of work includes traffic analysis, agency coordination, public meetings, a public hearing, and all supporting documentation. Environmental work includes preparation of a Type II categorical exclusion, natural resource evaluation, endangered species biological assessment, air quality screening, contamination screening, traffic noise analysis, and water quality evaluation. Coordination will be required with Santa Rosa County for potential impacts to two park facilities on the project. Other engineering work includes pond sizing and bridge hydraulics reports.

FDOT District Three: SR 10 (US 90) over Marquis Bayou, Santa Rosa County, Florida. *Engineering Intern.* The project included an alternatives analysis to determine the most appropriate alignment option, preparation of a bridge hydraulics report, bridge development report, approach roadway plans, and environmental and permitting for a new two-lane facility on a hurricane evacuation route over an Outstanding Florida Waterway. Based on input from the public involvement meeting, American assisted FDOT with the coordination efforts necessary to prepare and submit a Section 106 Case Study due to the

historical significance of the existing bridge railings. Additional alternatives were prepared including a north and south bypass with detailed cost estimates. Additional public involvement was required based on the historical nature of the existing bridge railings and the mitigation efforts required. The final alignment allowed the new bridge to be placed where the existing bridge was located utilizing a temporary detour bridge to the south. To the maximum extent possible, the existing railings were salvaged and placed on the new bridge as the pedestrian railing.

FDOT District Three: SR 10 (US 90/Nine Mile Road) PD&E Reevaluation Study from SR 10A (US 90/Mobile Highway) to SR 297 (Pine Forest Road), Escambia County, Florida.

Engineering Intern. The study included the addition of left-turn lanes to meet access management criteria, new signals, interstate ramp widening, bicycle lanes and sidewalks, and a new bridge. A pond siting report was completed with additional design to assist with right of way acquisition of the pond sites prior to advertising the project as a design-build project. American provided additional support for advance utility coordination and writing the request for proposal for the design-build advertisement. All documentation including the environmental reports was updated from the previous PD&E study in 1990. The public involvement efforts included two public meetings and a public hearing. The reevaluation has been approved by FHWA.

FDOT District Seven: SR 679 (Pinellas Bayway) Structure E over Intracoastal Waterway Design-Build, St. Petersburg, Florida.

Structural Engineer. The purpose of this 2-mile project is to improve a vital connection and hurricane evacuation route for the community of Tierra Verde and visitors to Fort De Soto Park. The existing low level bascule bridge is being replaced with a 17-span 2,583-foot long high level PPC I beam bridge over the intracoastal waterway. The PPC beams are supported on CIP concrete hammerhead piers supported on 24-inch square PPC piles driven to 575 tons of nominal bearing resistance. The water piers are designed for up to 50 tons of scour and an elevation as deep as -50 feet below sea level. A minimum of 100 feet of horizontal clearance and up to nearly 80 feet of vertical clearance is provided. With ship impact loads of up to 2495k, the superstructure is made continuous over the piers adjacent to the intracoastal waterway navigation channel. The width of the new bridge is 66 feet 9 inches and includes two 12-foot lanes, two 10-foot shoulders and a 12-foot and 5-foot barrier separated pedestrian trail and sidewalk, respectively.

FDOT District Three: SR 8 (I-10) from Santa Rosa County Line to East of CR 189 (Log Lake Road), Okaloosa County, Florida.

Engineering Intern. This project consisted of resurfacing SR 8 with a mainline length of 3.112 miles. The project included design to improve safety, repair areas of deterioration, and extend the useful

life of the roadway including slope correction, guardrail extension and replacement, median barrier, and rumble strips. On and off ramps and areas associated with the interchange at CR 189 were also resurfaced.

City of Port St. Lucie: Crosstown Parkway Corridor Extension, Port St. Lucie, Florida.

Engineering Intern. Mr. Barrett provided CADD. This project is the final segment of a new \$150 million, 10-mile parkway that was planned, designed, and constructed by the City of Port St. Lucie. This final eastern 1.5-mile segment between Manth Lane and US 1 includes an elevated 4,000-foot long bridge that crosses the Savannas Preserve State Park, North Fork St. Lucie River Aquatic Preserve, and sovereign submerged lands. The first part of the project required an early assessment of environmental impacts and potential mitigation options to obtain a conceptual permit from the South Florida Water Management District (SFWMD) and informal approval from the U.S. Army Corps of Engineers. This work was conducted concurrently with the City's preparation of an Environmental Impact Statement and Section 4(f) evaluation for the new river crossing.

The second part of the project includes preliminary and 60 percent design, and the development of the design-build criteria package, which includes a new six-lane roadway and bridge. American is responsible for the overall project management including any revisions to the corridor master plan. Services also include hydrologic studies and drainage design, landscape and irrigations plans, architectural plans, utility coordination and the necessary adjustment plans, signalization, and structures design for the 4,000-foot long bridge. Environmental tasks during design include wetland delineation, wildlife surveys, Section 7 consultation, extensive coordination with state and federal agencies, design traffic noise update, and permitting.

American served as the technical support team for the City's technical review committee during the design-build process.

FDOT District Three: SR 8 (I-10) from East of SR 87 to the Okaloosa County Line, Santa Rosa County, Florida.

Internal Manager and Engineering Intern. Responsible for performing multi-post sign analysis on existing signs. As a subconsultant, American provided structures support. This interstate resurfacing project included evaluation of new guardrail anchorages and evaluation of nine multi-post sign structures to determine the need for upgrading them to current standards. A memorandum was prepared outlining recommendations for the sign structures and deficiencies noted during the inspection.



Area of Expertise

Geotechnical Engineering
Construction Engineering Inspection
Environmental Consulting

Years of Experience

With Tierra: 6 Years
With Other Firms: 29 Years

Education

Bachelor of Science in Civil and Geotechnical Engineering, Auburn University, Alabama, 1984

Registrations/Certifications:

Professional Engineer, #43416, Florida, 1990
Professional Engineer, #20281, Georgia, 1990
Professional Engineer, #19228, Alabama, 1990

Mr. Smith has over 35 years of experience in geotechnical engineering, construction and materials testing (CMT), and environmental consulting. Mr. Smith is a licensed professional engineer in Florida, Georgia, and Alabama, and has analyzed, reviewed, and managed thousands of geotechnical, CMT, and environmental projects. His geotechnical engineering experience includes field and laboratory data collection/analysis, site selection/development recommendations, site improvement requirements/techniques, embankment/site fill settlement and compressibility analysis using conventional and in-situ testing methods, analysis and design of shallow and deep foundations, lateral earth pressure analysis for retaining walls/marine bulkheads, design and evaluation of flexible and rigid pavements, and groundwater seepage analysis for stormwater treatment systems and land disposal of reclaimed wastewater. Mr. Smith's CMT experience includes soil improvement methods for cohesive and cohesionless soils, mass grading evaluations, vibration monitoring, and pile load testing and analysis. His geotechnical and CMT projects include single and multi-story residential developments, commercial, institutional, and industrial/manufacturing facilities, and public and private infrastructure projects such as roadways, bridges, pipelines, and airports. Mr. Smith's environmental consulting experience includes numerous Phase I and Phase II environmental due diligence studies, soil and groundwater contamination assessments, and groundwater modeling on projects ranging from commercial, institutional, and industrial facilities to EPA Superfund sites.

Representative Transportation Experience

- **FDOT D3 District-Wide Geotechnical Consultant Services, 2016 – Current, Client: FDOT, Client Contact: David Whittington, Tierra Fees: \$1.5 million** – Managed the DW contract and served as the Project Manager/Geotechnical Engineer of Record on multiple roadway, structure, drainage, and pavement studies in support of the District 3 Materials & Research Office. Services provided include field investigations, laboratory testing, and preliminary/final analysis and reports.
- **SR 8 (I-10) @ SR 95 (US 29) Interchange, 2014 – 2019, Client: FDOT, Client Contact: John Wimberly. Tierra Fees: \$1.2 million** – Principal Engineer/Geotechnical Engineer of Record. Interchange project in Escambia County which included nine (9) new bridges for the newly configured interchange, a new bridge for SR 95A and for the CSX RR over SR 8, 2.6 miles of roadway widening, new high-cut embankment slopes, MSE walls, ½ mile of CSX RR shoofly track, high mast lighting, signalization, drainage structures (box culverts), and ponds. High-fill embankments over soft ground required extensive settlement analyses (magnitude and time rate of settlement analyses) and mitigation alternatives included surcharging and deep soil stabilization.
- **SR 8 (I-10) From Escambia Bay to East of SR 281 (Avalon Blvd.) Design/Build, 2015 – 2017, Client: FDOT, Client Contact: Greg Bower. Tierra Fees: \$840K** – Principal Engineer/Geotechnical Engineer of Record. Capacity project in Santa Rosa County included widening approximately 3.6 miles of SR 8 (I-10) from a 4-lane to 6-lane section and replacing the existing 4-lane bridge over SR 81 (Avalon Blvd.). The roadway embankment was evaluated for settlement using in-situ testing with the Marchetti dilatometer to assess the constrained modulus of the soft clay soils underlying the site. From this analysis, the locations of Low Mobility Grout Rigid Inclusions (LMG-RIs) for ground improvement were

determined so that post-construction embankment settlements met project requirements. The impact of ground improvement using LMG-RIs were also evaluated for MSE walls and the bridge foundations. The result of this settlement analysis and delineation of LMG-RIs was a significant cost savings to the contractor. Post-design services included monitoring LMG-RIs and bridge foundation certification.

- **SR 388 from the Panama City International Airport to Burnt Mill Creek, 2015 – 2017, Client: FDOT, Client Contact: Scott Early. Tierra Fees: \$835K** – Principal Engineer/Geotechnical Engineer of Record. Capacity project in Bay County which included 1.6 miles of roadway widening from a 2-lane to a 4-lane road section, replacement of an existing 320 foot long bridge and 1,800 feet of causeway with two parallel 2,100 foot long bridges supported by prestressed concrete piles, and multiple pond sites.
- **SR 87 New Connector From SR 10 (US 90) to CR 191 (Munson Hwy.), 2019, Client: FDOT, Client Contact: Don Padgett. Tierra Fees: \$835K** – Principal Engineer/Geotechnical Engineer of Record. New connector project including approximately 1.9 miles of 2-lane roadway, a 7,300-foot long bridge over the Blackwater River & the Blackwater Heritage State Trail with associated MSE walls, and stormwater ponds in Santa Rosa County.
- **SR 8 (I-10) From Alabama State Line to West of SR 95 (US 29) PD&E Study, 2019, Client: FDOT, Client Contact: John Wimberly. Tierra Fees: \$146K** – PD&E study to evaluate widening I-10 from a 4-lane divided to a 6-lane divided roadway in Escambia County. The project included a desktop study of available information, preliminary test borings to evaluate soil and groundwater conditions in the roadway and pond areas, and engineering analysis to support development of the PD&E document.
- **SR 10 (Nine Mile Road) From US 90 (Mobile Hwy.) to CR 99 (Beulah Rd.), 2016 – 2018, Client: FDOT, Client Contact Chad Friday. Tierra Fees: \$256k** – Principal Engineer/Geotechnical Engineer of Record. Capacity project in Escambia County which included 2.4 miles of roadway widening from a 2-lane to a 4-lane road section. Project also included a box culvert extension and multiple stormwater pond sites. The presence of soft ground conditions in the high fill embankment areas adjacent to the box culvert required careful settlement analysis and ground improvement in an effort to protect both the existing box culvert the future roadway widening.
- **SR 10 (US 90) From Glover Lane to East of SR 87 North, 2017 – 2019, Client: FDOT, Client Contact: Tracy Boutwell. Tierra Fees: \$250K** – Principal Engineer/GEOR of the capacity improvement project in Santa Rosa County. Design capacity project for the widening of 1.6 miles of roadway from the current 4-lane to a future 6-lane road section, three (3) signalized intersection improvements, the extension of a triple 54-inch diameter pipe culvert, and multiple pond sites
- **SR 10 (US 90) PD&E Study/Phase II Design From SR 10A (Scenic Highway, Escambia County) to Glover Lane (Santa Rosa County), 2016 – 2017, Client: FDOT, Client Contact: Tracy Boutwell. Tierra Fees: \$525K** – Principal Engineer/GEOR. PD&E Study for widening the current 4-lane roadway to a 6-lane roadway with intersection improvements. The length of the roadway under study was approximately 11 miles, and included 7 bridges. This roadway serves as a hurricane evacuation route. In addition to supporting the project with PD&E level roadway and bridge hydraulic geotechnical data, a ground penetrating radar study was performed to determine if un-marked gravesites were present in the Right-of-Way of SR 10 adjacent to an historic cemetery. Design level services were added to support the replacement of Pond Creek Bridge, multiple stormwater ponds, and the installation of a major utility duct bank in the median of the road.
- **SR 30 (US 98) Navy Blvd. PD&E / Phase II Design, 2016 – 2019, Client: FDOT, Client Contact: John Alaghemand. Tierra Fees: \$130K** – Principal Engineer/Geotechnical Engineer of Record. PD&E project with Phase II design services in Escambia County which included improvements of Navy Blvd. from SR 295 to the Bayou Chico Bridge. Focus of the project was on roadway improvements to meet aesthetic requirements, and drainage improvements.
- **SR 30 (US 98) Tyndall AFB Single Point Urban Interchange (SPUI), 2014 – 2019, Client: FDOT, Client Contact: John Wimberly. Tierra Fees: \$66K** – Principal Engineer/Geotechnical Engineer of Record. Provided support in the development of the Design Build package for this project in Bay County. The project included two (2) land bridges with high-fill embankments confined by MSE walls, additional travel and turn lanes, and a stormwater pond.

Area of Expertise

Corridor/Feasibility Studies
Roadway Soil Surveys
Embankment Analysis
Bridge Studies
Foundation Analysis
Stormwater Pond Studies
Drainage Structures
Structural Steel Inspections
Precast/Prestressed Concrete Inspections

Years of Experience

With Tierra: 5 Years
With Other Firms: 8 Years

Education

Bachelor of Science in Civil Engineering, University of Florida, Florida, 2007

Registrations/Certifications:

Professional Engineer, #74691, Florida, 2012
American Welding Society – Certified Welding Inspector (ID # 13040931)
Precast/Prestressed Concrete Institute – Quality Control Personnel Certification Level 1, 2 and 3 (ID #11354)

Mr. Gerow is a Senior Project Engineer in the Pensacola office. He has experience in geotechnical engineering and Construction and Material Testing (CMT). He is a licensed professional engineer in Florida. His geotechnical experience includes field and laboratory data collection/analysis, in-situ testing, site selection/development recommendations, site improvement requirements/techniques, embankment/site fill settlement and compressibility analysis, analysis and design of shallow and deep foundations, lateral earth pressure analysis for retaining walls and evaluation of flexible and rigid pavements. Mr. Gerow's CMT experience includes soil improvement methods for cohesive and cohesionless soils, vibration monitoring, pile load testing and analysis, threshold/special inspection of foundations, structural weld inspections, reinforcing steel and post-tensioned concrete, masonry inspection and inspection of precast and prestressed concrete production and quality control procedures. His geotechnical and CMT projects have included single and multi-story residential developments, commercial, institutional, and industrial/manufacturing facilities, and public and private infrastructure projects such as roadways and bridges.

Representative FDOT Transportation Experience – District 3

- **FDOT D3 District-Wide Geotechnical Consultant Services (Awarded 2016)** – Senior Project Engineer for multiple roadway, structure, drainage, and pavement studies in support of the District 3 Materials & Research Office. Services provided include field investigations, laboratory testing, and preliminary/final analysis and reports.
- **SR 388 From the Panama City International Airport to Burnt Mill Creek** – Senior Project Engineer. Capacity project which included 1.6 miles of roadway widening from a 2-lane to a 4-lane road section, and replacement of an existing 320 foot long bridge and 1,800 feet of causeway with two parallel 2,100 foot long bridges supported by prestressed concrete piles.
- **SR 30 (US 98) Tyndall AFB Single Point Urban Interchange (SPUI)** – Senior Project Engineer. Provided support in the development of the Design Build package. The project included two (2) land bridges with high-fill embankments confined by MSE walls, additional travel and turn lanes, and a stormwater pond.
- **SR 8 (I-10) @ SR 95 (US 29) Interchange** – Senior Project Engineer. Interchange project which included nine (9) new bridges for the newly configured interchange, a new bridge for SR 95A and for the CSX RR over SR 8, 2.6 miles of roadway widening, new high-cut embankment slopes, MSE walls, ½ mile of CSX RR shoofly track, high mast lighting, signalization, drainage structures (box culverts), and ponds. High-fill embankments over soft ground required extensive settlement analyses (magnitude and time rate of settlement analyses) and mitigation alternatives included surcharging and deep soil stabilization.

- **SR 8 (I-10) From Escambia Bay to East of SR 281 (Avalon Blvd.) Design/Build** – Senior Project Engineer. Capacity project included widening approximately 3.6 miles of SR 8 (I-10) from a 4-lane to 6-lane section and replacing the existing 4-lane bridge over SR 81 (Avalon Blvd.). The roadway embankment was evaluated for settlement using in-situ testing with the Marchetti dilatometer to assess the constrained modulus of the soft clay soils underlying the site. From this analysis, the locations of Low Mobility Grout Rigid Inclusions (LMG-RIs) for ground improvement were determined so that post-construction embankment settlements met project requirements. The impact of ground improvement using LMG-RIs were also evaluated for MSE walls and the bridge foundations. The result of this settlement analysis and delineation of LMG-RIs was a significant cost savings to the contractor. Post-design services included monitoring LMG-RIs and bridge foundation certification.
- **SR 8 (I-10) Rest Area - Jefferson County (Design/Build)** – Senior Project Engineer. Project included new rest area buildings, a new wastewater treatment plant and sprayfield irrigation system, acceleration/deceleration lanes, new parking and drive areas, and stormwater ponds in karst sensitive areas.
- **SR 8 (I-10) Rest Area - Leon County (Design/Build)** – Senior Project Engineer. Project included new acceleration/deceleration lanes, new parking and drive areas, and stormwater ponds in karst sensitive areas.
- **SR 8 (I-10) From Alabama State Line to West of SR 95 (US 29) PD&E Study** – PD&E study to evaluate widening I-10 from a 4-lane divided to a 6-lane divided roadway. The project included a desktop study of available information, preliminary test borings to evaluate soil and groundwater conditions in the roadway and pond areas, and engineering analysis to support development of the PD&E document.
- **SR 30 (US 98) @ SR 368 (23rd Street) Flyover** – Senior Project Engineer. Interchange Design Build project which included a flyover to allow eastbound traffic on SR 30/US 98 to access northbound SR 368/23rd Street traffic without signalization. Performed Cost Savings Initiative (CSI) analysis to replace multiple spans of elevated roadway/bridges with embankments confined by MSE walls. Of principal concern with this CSI was settlement of the embankment due to soft subsoils. The evaluation included in-situ testing with the Marchetti dilatometer to assess the constrained modulus of the soft soil underlying the alignment. The result of the study was a significant cost savings to the contractor and the FDOT.
- **SR 30 (US 98) Navy Blvd. PD&E** – Senior Project Engineer. PD&E project with Phase II design services which included improvements of Navy Blvd. from SR 295 to the Bayou Chico Bridge in Escambia County, Florida. Focus of the project was on roadway improvements to meet aesthetic requirements, and drainage improvements.
- **SR 10 (Nine Mile Road) From US 90 (Mobile Hwy.) to CR 99 (Beulah Rd.)** – Senior Project Engineer. Capacity project which included 2.4 miles of roadway widening from a 2-lane to a 4-lane road section. Project also included a box culvert extension and multiple stormwater pond sites. The presence of soft ground conditions in the high fill embankment areas adjacent to the box culvert required careful settlement analysis and ground improvement in an effort to protect both the existing box culvert the future roadway widening.
- **SR 10 (US 90) PD&E Study From SR 10A (Scenic Highway, Escambia County) to Glover Lane (Santa Rosa County)** – Senior Project Engineer. PD&E Study for widening the current 4-lane roadway to a 6-lane roadway with intersection improvements. The length of the roadway under study was approximately 11 miles, and included 7 bridges. This roadway serves as a hurricane evacuation route. In addition to supporting the project with PD&E level roadway and bridge hydraulic geotechnical data, a ground penetrating radar study was performed to determine if un-marked gravesites were present in the Right-of-Way of SR 10 adjacent to an historic cemetery. Design level services were added to support the replacement of Pond Creek Bridge and the installation of a major utility duct bank in the median of the road.
- **SR 10 (US 90) From Glover Lane to East of SR 87 North (Santa Rosa County)** – Senior Project Engineer. Design capacity project for the widening of 1.6 miles of roadway from the current 4-lane to a future 6-lane road section, three (3) signalized intersection improvements, the extension of a triple 54-inch diameter pipe culvert, and multiple pond sites.

- **SR 292 (Sorrento Road/Gulf Beach Hwy.) From SR 173 (Blue Angel Parkway) to SR 295 (Navy Blvd.) PD&E Study**
Senior Project Engineer. PD&E study to evaluate widening SR 292 from a 2-lane roadway to a 6-lane roadway. The project included a desktop study of available information, preliminary test borings to evaluate soil and groundwater conditions in the roadway areas, and engineering analysis to support development of the PD&E document.
- **Drayton Island Ferry over the St. Johns River (Putnam County) –** Senior Project Engineer. The project included replacing the north (Bridge No. 764040) and south (Bridge No. 764041) timber ferry landings with concrete landings, and designing approach roadways. Extremely variable subsurface conditions were identified at the project site which complicated design of the required prestressed concrete piles. Alternate deep foundations alternatives were not feasible due to the lack of a nearby concrete supplier.
- **Multiple Pavement Evaluation & Condition Studies –** Senior Project Engineer for multiple Pavement Evaluation and Condition Surveys for the Florida Department of Transportation within District 3. Projects included determining existing pavement section, cross slope, rut depths, and completion of the Pavement Evaluation and Condition Survey forms.
- **The Bluffs Corridor –** Senior Project Engineer for Geotechnical Engineering services to support the preparation of 30% Design plans for inclusion in the Design Build bid package. The project included design of approximately 1 mile of 2-lane roadway (with option to widen to a 4-lane roadway), a 300-foot bridge over Spanish Mill Creek, and multiple stormwater ponds. High fill areas in lower elevation areas required embankment settlement and slope stability analysis.
- **Thomas Drive Bridge Over Open Creek –** Senior Project Engineer for bridge replacement project in Walton County. Project includes replacement of the existing 2-lane bridge with a new 2-lane bridge and several hundred feet of roadway improvements.

Mark Gosselin, PhD, PE

Director of Coastal & Hydraulic Engineering

Years of Experience: 30

Education:

- PhD, 1997, Coastal and Oceanographic Engineering, University of Florida
- MS, 1992, Naval Architecture and Offshore Structures, University of California at Berkeley

Professional Registrations/Affiliations:

- Professional Engineer (Civil), FL, 1999, No. 54594
- Professional Engineer (Civil), LA, 2006, No. 32466
- Member, Florida Engineering Society
- Member, Florida Institute of Consulting Engineers Transportation Committee
- Member, Florida Coastal Hydraulics Council
- Member, American Shore and Beach Preservation Association

Professional History:

2013 – Present Director, Coastal and Hydraulic Engineering – INTERA Incorporated, Gainesville, FL

2002 – 2013 Vice President – Ocean Engineering Associates, Inc., Gainesville, FL

1997 – 2002 Various positions including Chief Engineer – Taylor Engineering, Jacksonville, FL

Mark Gosselin has nearly three decades of experience in coastal processes, nearshore and open channel hydrodynamics, and sediment transport. His doctoral research involved the development of a method for predicting the rate of clear water local scour based on both laboratory experiments and 3D flow modeling. Dr. Gosselin has served as project manager on hundreds of scour and hydraulics assessments of bridges and coastal structures throughout the country and has served as project manager on numerous coastal engineering studies that have involved wave, hurricane storm surge, riverine flooding, and dam break hydraulic modeling. His experience covers the southeastern U.S., Virginia, Washington, and Puerto Rico, and clients such as state departments of transportations, the Federal Highway Administration, U.S. Army Corps of Engineers districts, the Federal Emergency Management Agency (FEMA), and NASA. He has applied SWAN+ADCIRC, RMA2, FESWMS, AdH, HEC-RAS and other analytical techniques to support coastal structure design and assessments for design and numerous design-build projects.

Project Experience – Coastal Engineering

40th Avenue Bridge NE over Placido Bayou Bridge Replacement, City of St. Petersburg, Pinellas County, FL 2018 – 2019. Engineer of Record. Project involved the development of a bridge hydraulics report for the bridge replacement. Work involved simulation of storm surge propagation to the bridge, wave modeling, wave force calculation, scour calculation, and development of recommendations for abutment protection design.

SR 679 Pinellas Bayway Bridge (Structure E) over the Intracoastal Waterway Design Build Project, Florida Department of Transportation (FDOT) - District 7, Pinellas County, FL. 2018-19. Quality Control Reviewer. Provided quality control review for the hydraulic design portions of the design build project. Project work included the development of the bridge hydraulics report for the proposed replacement bridge, storm surge modeling, sediment transport modeling, scour calculation, wave modeling, and causeway protection design.

Pinellas County FEMA Coastal Map Update Technical Reviews, Pinellas County, FL. 2018. Project Manager. The County participates in FEMA's National Flood Insurance Program and adopts their mapping and regulations. FEMA has been progressively revising its coastal flood risk mapping throughout the country. As part of this revision process, FEMA presented the County preliminary maps based on coupled surge/wave, overland wave, erosion, and runup modeling. The County then tasked INTERA to document the changes from the effective maps and evaluate the preliminary map accuracy. This includes a review of each map to identify communities requiring more outreach, a parcel level review to determine the change in base flood elevations and flood zone classification, a detailed review of each map for accuracy, a technical review of all transmitted models and documents, public workshop attendance, and appeal preparation if necessary.

Beckett Bridge Replacement, Pinellas County, Pinellas County, FL. 2016 – Present. Quality Control Reviewer. Provided quality control review of the bridge hydraulics report for the replacement bridge. The project involved applying ADCIRC to assess design hydraulic conditions at the replacement bridge for present conditions as well as conditions including sea-level rise per Pinellas County methodology. It also involved calculating scour and wave forces per Florida Department of Transportation (FDOT) methods.

No-Rise Study for the I-75 at US 301 Interchange Project, Florida Department of Transportation (FDOT) - District 1, Manatee County, FL. 2017. *Project Manager.* The I-75 at US 301 Interchange Project includes construction of two new bridges over the Manatee River parallel to the existing I-75 northbound and southbound bridges. Since the northbound bridge intersects the downstream edge of the FEMA regulated floodway, a no-rise study was required. Work involved obtaining and modifying the existing FEMA HEC-RAS model to reflect existing and proposed conditions, simulating the design flows, comparing the results to ensure no rise in water surface elevation upstream of the project, and preparing the no-rise certification.

Bridge Hydraulics Report for the New State Road No. 60 (Courtney Campbell Causeway) over Old Tampa Bay Bridge Design Build Project, Florida Department of Transportation (FDOT) - District 7, Hillsborough County, FL. 2017 – 2018. *Quality Control Reviewer.* Provided quality control review of wave and hydraulic modeling, scour calculation, and wave force calculations in addition to report review. Project involved construction of a new bridge along the Courtney Campbell Causeway corridor to improve water quality in the waterway immediately north of the causeway.

Howard Frankland Bridge Project Development and Environment Study, Florida Department of Transportation (FDOT) - District 7, Hillsborough County, FL 2016. *Lead Engineer.* Provided coastal engineering services in support of the Project Development and Environment Study investigating the replacement bridge. Specific responsibilities included development of the design maximum wave crest elevations to assist in setting the new bridge profile elevations.

Hydraulic Modeling of the Dunedin Causeway Boulevard Bridges over the Intracoastal Waterway and St. Joseph Sound, Pinellas County, Dunedin, FL. 2015 – 2016. *Project Manager.* Served as project manager for the development of the design hydraulic (storm surge and wave) parameters for the proposed replacement bridges. During the project development and environment phase of the study, the maximum wave crest elevations at the bridge location was estimated to support evaluation of the study alternatives.

Replacement of the San Martin Boulevard Bridge over Riviera Bay, Pinellas County, St. Petersburg, FL. 2015 – 2016. *Project Manager.* Served as project manager for development of the bridge hydraulics report for the bridge replacement project. The project involved development of the 50-, 100-, and 500-year hydraulic design conditions associated with storm surge and waves via an application of the U.S. Army Corps of Engineers AdH model. Design hydraulic parameters for the bridge incorporated Sea Level Rise for the region to establish design clearances. The project also involved calculation of scour and design of abutment protection for the replacement bridge.

CR-490A over Halls River Bridge Replacement, Florida Department of Transportation (FDOT) - District 7, Citrus County, FL. 2014 – 2015. *Project Manager.* Served as project manager for development of the bridge hydraulics report for the bridge replacement project. The project involved development of the 50-, 100-, and 500-year hydraulic design conditions associated with storm surge and waves via an application of the U.S. Army Corps of Engineers AdH model. The project also involved calculation of scour and design of abutment protection for the replacement bridge.

Bridge Hydraulics and Scour Analyses for the I-75 at US 301 Interchange Project, Florida Department of Transportation (FDOT) - District 7, Manatee County, FL. 2013. *Project Manager.* The I-75 at US 301 Interchange Project includes construction of two new bridges over the Manatee River parallel to the existing I-75 northbound and southbound bridges. Additionally, this project involves the widening of the I-75 bridges over nearby Salt Marsh. Managed the development of the bridge hydraulics reports for both crossings, modeling of the 50-, 100-, and 500-year return period storm surge events via an application of ADCIRC, calculation of scour at all substructure elements, and design of abutment protection.

Island Estate Bridges Hydraulic Recommendations, City of Clearwater, FL. 2013. *Project Manager and Engineer of Record.* Performed engineering and management oversight for the project, which involved development of the bridge hydraulics recommendations for four bridges within the Island Estates community in Clearwater, FL. Hydraulic conditions during the 50-, 100-, and 500-year storm surge events were developed via an application of ADCIRC. The project also involved development of recommendations for protection of the seawalls fronting the bridges. All procedures, results, and recommendations were documented in a Bridge Hydraulics Report submitted to the city.

TAB 4: APPROACH TO PROJECT/UNDERSTANDING



UNDERSTANDING OF THE SCOPE OF SERVICES

American understands that this continuing services contract will allow the County to **expedite the process in selecting a qualified firm to provide engineering services for primarily structural, erosion protection and stormwater improvement projects**. Three of the projects listed in the RFQ are located in south Santa Rosa County with two being a part of the ongoing improvements near Navarre Beach. The remaining projects are located in Milton and Pace. **American is familiar with all these areas** through past and current projects as well as being a local presence in these communities.

American's office is located in Santa Rosa County near US 90 in Pace and has staff who resides within the center and southern portion of the County near the anticipated planned projects. American understands the importance of open communication with the County throughout the life of the contract. **American has proven our responsiveness and proactive approach** in following up and handling concerns and questions during design with our most recent Ranchettes Subdivision project. Sheila Fitzgerald, the past Director of Grants and Special Programs at Santa Rosa County said in a recommendation letter dated January 11, 2018, "Throughout the project, Ms. Edwards and her team met or exceeded required deadlines and stayed within the project budget. Ms. Edwards provided timely and thorough responses to impacted residents and was very responsive to the County's requests for information." American also has the available resources to pull a team of qualified individuals who can assist in all facets of the design including roadway, drainage, survey, geotechnical, environmental, structural, traffic, and lighting.

APPROACH TO THE PROJECT

American's approach will include evaluating each project on an individual basis; establishing a project history and ultimate goal for each project; providing a revised conceptual plan, if necessary, based on current conditions; and providing an estimated schedule for design. Once given the notice to proceed, American will coordinate with utilities through the Sunshine One call to locate facilities that might have an impact to the improvements and then proceed with gathering existing conditions data through survey, geotechnical, and environmental assessments. Any findings that might be detrimental to the project schedule or anticipated cost will be coordinated with the County Project Manager immediately.

After the existing conditions have been determined, American will then proceed to design. American anticipates to provide the following submittals; Phase I (Preliminary Design, Utility Coordination, and Permit Pre-App Coordination), Phase II (Preliminary 60% Construction Plans, Utility Coordination, Probable Cost Analysis, and Permit Submittal), and Phase III (Final Construction Plans, Final Utility Coordination and Clearance, Permit Responses, and Final Cost Estimate). Each phase will include design documentation of the project related correspondence, design analysis and decisions, and other related information.

Upon completion and acceptance of the plans, including permits, American will assist the County by attending any meetings and providing any necessary information to complete the bid package. During the bidding process, American will be available to respond to all questions from the contractor regarding clarification of the plans and any addendums to the contract plans, if necessary.

Post-design services will then be executed to take the project through to construction. American will be available to answer any questions or provide review of any contractor\manufacturer specification and recommendations during the construction period and close-out.

The American team's philosophy for this contract will focus on the following major tenets.

- **Project Management.** American will be the County's advocate in managing all phases of the planned projects. American will give each project the attention that is required for any single project and provide documentation and progress reporting throughout the life of the contract. American has earned the reputation to be very responsive to all correspondence, emails, phone calls and other forms of communication. American's PM is always available 24/7 should any issues arise outside of standard business hours. We strive to keep the county aware of the progress of the project but also try to reduce the County Project Managers involvement where possible.

- **Project History/Data Research.** American is familiar with the ongoing drainage improvement and repair projects in Santa Rosa County that were kick started after the devastating April 2014 floods and more recently Hurricane Sally. Federal and state funding has been key in implementing these much needed improvements. One of these projects included American’s Ranchettes project that began in 2016 and provided a design that was the most cost-effective for the maximum amount of flood protection that could be achieved under the HMGP grant funding. The proposed improvement did not mimic the conceptual plan; however, our unique knowledge of the project area allowed us to reallocate some of the improvements to provide more “bang for the buck.” American understands that budgetary constraints have heavy control over how much can be done in certain areas at a time. Being cognizant of the County’s Master Drainage Plan is one way of understanding the larger picture.

Identified projects for this contract:

- ADA Kayak Launch at the Navarre Beach Marine Park (Navarre)
 - On-going improvements at Navarre Beach
 - On-going grant funding
- Mayo Park – Shoring of Creek Bank & Seawall (Milton)
 - Park has been closed multiple times due to flooding and erosion
 - Within the project limits of American’s US 90 PD&E Project and FDOT D3 in-house design
- Florida Town – Pier, Erosion & Stormwater (Pace)
 - On-going flooding and stormwater conveyance issues
 - Within the project limits of American US 90 PD&E Project
- Navarre Park – Seawall, Pier, Sidewalk, Walking Bridge & Electrical
 - On-going improvements at Navarre Beach
- Ashmore / Garden View Drainage Study and Improvements (Pace)
 - On-going flooding and stormwater conveyance issues
 - Within the project limits of American’s CR 184A Berryhill Rd improvements
- Bal-Alex Boat Ramp – Erosion, Stormwater, & Boat Ramp (Gulf Breeze)
 - Continued erosion caused from storm surge and general use



Photo 1: Navarre Beach Marine Park



Photo 2: Mayo Park



Photo 3: Ashmore/ Gardenview



Photo 4: Bal Alex Boat Ramp

- **Project Schedule.** American has successfully completed quality projects with expedited schedules for our clients, including Santa Rosa County and is willing to expedite the schedule if necessary to meet the County’s needs. One example is our Berryhill Road milling and resurfacing project. American successfully completed this project on a tight schedule of three months, from notice to proceed to final FDOT approved plans, including 60% and 90% submittals.

American understands the challenges of meeting schedules as it pertains to funding and grant requirements. American has resources to be successful in meeting these difficult schedules by providing in-house and subconsultant availability.

- **Engineering.** Through our research, we will identify areas that must be addressed early in the schedule to avoid subsequent delays. As we analyze each project, we will identify viable alternatives and come to you with recommendations. The following paragraphs provide a summary of the major disciplines we anticipate contributing to these projects and the approach we will use in each.

- **Structural:** Structural tasks for the contract may include inspection and development of repair plans for seawalls, piers, boat ramps and walking bridges. Each task will begin with a desktop review of all existing information that might be available, such as as-built plans or storm damage reports. Following the desktop review, a site visit will be performed to evaluate the project for necessary repairs, and to determine the most effective and economical repair method.

Seawalls: Seawalls will be evaluated for deflection, rotation and scour. We will visually inspect the wall above the mean high water elevation during periods of low tide. The bottom of the seawalls will be probed in order to



determine if areas of scour exist in front of the wall, along with behind the wall to determine if voids are present. We will also review the alignment of the walls, and areas of potential backfill leakage, cracks and delaminations. *Piers, docks and walking bridges:* Foundations supporting these structures will be evaluated for structural integrity and scour. Walking surfaces will be evaluated for members needing repair or replacement, and also ADA compliance. Structural connections will also be evaluated and recommended for repair, if needed.

Scour/Erosion: Areas with evidence of scour and erosion will be evaluated for the most effective repair types, which could include installation of rubble riprap, articulated concrete mats, grouted mats or gabion baskets. We will work closely with INTERA to evaluate the most effective long-term repair for coastal areas.

Recommendations, along with associated costs will be presented to the County. Depending on the extent of the damage, repair options could range from structural rehabilitation, such as the addition of scour protection and shoring of walls, to reconstruction and replacement of structures in areas. Once approved by the County, American will develop the necessary construction plans and documentation to address the repair.

- **Roadway:** Roadway design for this contract may include providing typical sections for improvements involving widened lanes, adding sidewalks, and other safety improvements. American will coordinate early any issues that might arise with regards to traffic control and how these improvements might affect right of way and utilities. Minor roadway improvements may also be warranted to assist in facilitating the drainage improvements planned for this contract. These improvements include cutting and replacing pavement for installation of storm drain pipes, inlets and/or cross culverts. American will also review how the impacts of these improvements will affect the residences and assist the County in determining the best solution.
- **Drainage and Permitting:** Development of drainage design will require careful evaluation and analysis of the existing drainage facilities within the project area. These proposed improvements will need to be coordinated early with the NFWFMD to determine what Environmental Resource Permitting (ERP) will be required and if mitigation will be required for the project. Opportunities to retro-fit existing facilities will be investigated to minimize property impacts and construction costs. Tidally influenced projects will be coordinated early with USACE and DEP to ensure permitting requirements are met in a timely manner with regards to the project's completion schedule.
- **Geotechnical:** It is anticipated that a high groundwater water table will be present in most of the project areas listed in the RFQ. Tierra, our subconsultant geotechnical engineer, will provide American with geotechnical data to document existing groundwater elevations. American will investigate alternatives to mitigate the surface waters during events where groundwater infiltration will be limited and provide cost-effective solutions to minimize reoccurring flooding that is experienced by the community.
- **Environmental:** The American team has completed environmental work in Santa Rosa County area, providing our team with extensive knowledge of the area and potential environmental concerns. This intimate knowledge of the region, as well as our relationships with the various regulatory agencies, will be applied to the project and will enable the team to develop alternatives that minimize environmental impacts. We will begin each project by conducting a desktop review of potential environmental concerns, which will include early coordination with the local, state, and federal agencies. Early coordination will also aid the team in identifying potential environmental features and minimization measures. American has been successful in the past in obtaining permits from governmental agencies within a timely manner by being proactive in our coordination.
- **Coastal Engineering:** The American team has been involved in many projects that include the need for coastal engineering. INTERA has partnered with American to provide wave and tidal circulation modeling; assessing boat wake and surge; computing wave/current and aeolian sediment transport; developing inlet management plans (sediment budgets); evaluating and designing coastal structures and navigation channels; beach planning, design, permitting, and monitoring and erosion protection with regards to storm surge and tidal influence.



- Utility Coordination. American will research all utilities that may be located along each project using the Sunshine One Call and field investigations as well as coordinate with the County on utilities that might be affected by construction. Special consideration will be given to avoid conflicts where possible. It is anticipated that some utilities will be affected; however, we will evaluate each utility for potential impacts and prepare a Utility Conflict Matrix, if necessary. American's past experiences working in Santa Rosa and Escambia Counties has provided us with quality relationships with the local utility owners and we feel confident that utility coordination will run smoothly.
- Public Involvement. Public involvement will be important to the success of this contract. American will provide a mail-out to the stakeholders along each project and will also conduct public meetings to discuss the proposed improvements to the local residence that might be affected by the projects. Aerial exhibits and information to effectively show the public the improvements will be provided and American staff will be on hand to answer any questions. American's work on the US 90 PD&E and Ranchettes provides our team with experience in knowing who the stakeholders are for the area. We have held successful public meetings at the County's auditorium in Milton and at the Tiger Point Park Complex in Gulf Breeze and other locations throughout the County for previous projects.

Sunshine One Call – Utility List

Pace Water Systems	Cox Communications
Gulf Power	Southern Light, LLC
AT&T Distribution	Mediacom Southeast, LLC
ECUA	AT&T Florida
Level 3	Pensacola Energy
Verizon	Gulf South Pipeline
Mid-way Water	Okaloosa Gas
Holley-Navarre Water & Sewer	

MANAGEMENT APPROACH

DEVELOP AND MAINTAIN A COMPREHENSIVE PROJECT SCHEDULE

Developing a detailed project schedule is the first activity we will undertake for any task assigned to American. Our detailed schedule will include all major and minor tasks for survey, design, permitting and utility coordination, milestone dates, interconnections between activities/disciplines, and identify the critical path. The schedule will be developed with input from all discipline leaders and/or project partners to ensure it is attainable. Once completed, we will review the schedule with the County's Project Manager for concurrence. Once approved, the detailed schedule will be reviewed in weekly team project meetings. Each month, the percent complete will be updated with special attention given to critical path activities. At a minimum, the schedule will be updated monthly and submitted with the progress report to the County. Management techniques we propose using to ensure schedule requirements are met include:

- **Conduct an early design (15% line and grade meeting or concept development).** Getting timely input from County technical staff is critical to minimizing the risk of re-work. We propose to conduct an early conceptual design meeting to review proposed concepts. By receiving input from the County at this point in the design process we can significantly minimize the chance for major re-work and ensure the County's project goals are met.
- **Schedule monthly progress meetings.** Upon assignment of a project we will meet with the County's project manager at least monthly to discuss progress, issues, and schedule. The meetings will focus on identifying and solving project issues and planning for the upcoming work. These meetings will be held face-to-face or virtually, as preferred by the County.
- **Conduct continuous project quality assurance/quality control (QA/QC).** Continuous QA/QC is the key to delivering quality projects on time. Our firmwide QA/QC program requires that all internal work products be checked as they are completed. This allows us to avoid having to re-do design, ensuring the project schedule is met.
- **Conduct constructability and bidability reviews.** James Jeffers, PE, will conduct constructability reviews at the 60% design phase of each assignment. Mr. Jeffers has 29 years of construction engineering and inspection experience. His reviews will focus on issues that may impact the contractor's ability to construct the project. Specific items looked for are utility and drainage conflicts, introducing design features that simplify constructability and avoid work performed outside the right-of-way. The 90% design bidability review will focus on ensuring all work activities are accounted for in the pay items and footnotes. Conducting these reviews will minimize re-work and time required for review by County staff as well as reducing RFI's and RFM's during construction.



- **Produce a detailed project schedule.** The development of a detailed project schedule is key to understanding the required design and construction sequence. Our professionals will ensure proper coordination throughout both the design and construction phases as well as making sure certain tasks can be completed within the proposed timeframe. As previously mentioned, the schedule will be continuously reviewed and updated to guarantee on-time delivery of submittals.
- **Continuity of staff.** The individuals identified on our team's project organizational chart will be assigned to each project for its full duration, including construction. We will not substitute staff without the County's approval. Additional staff will assist as necessary to meet the schedule.

COST CONTROL

Cost control is a critical component of our business. The vast majority of our work is through repeat client business. We accomplish this by providing projects that are high quality work, on time, and within negotiated budgets. American takes several steps to control costs and ensure the successful completion of our projects:

- Upon notice to proceed, projects are created in our accounting system according to disciplines and major work activities. Time charges and budget data is available to project staff at all times.
- We develop project work plans and project instructions for all projects where time charge numbers are clearly identified and defined.
- American conducts weekly team meetings during active project phases where design and construction budgets are one of the agenda items.
- We utilize an interactive project approach that keeps our clients involved in the project at the appropriate times, thereby reducing the costs of redesign.
- Our quality assurance/quality control (QA/QC) program is a continuous effort that is discussed at weekly meetings.
- American's senior staff is involved in all stages of the project.
- Our managing principals conduct overviews for every project on a weekly to monthly basis that focuses on budget, schedule, and required resources to successfully complete the project.

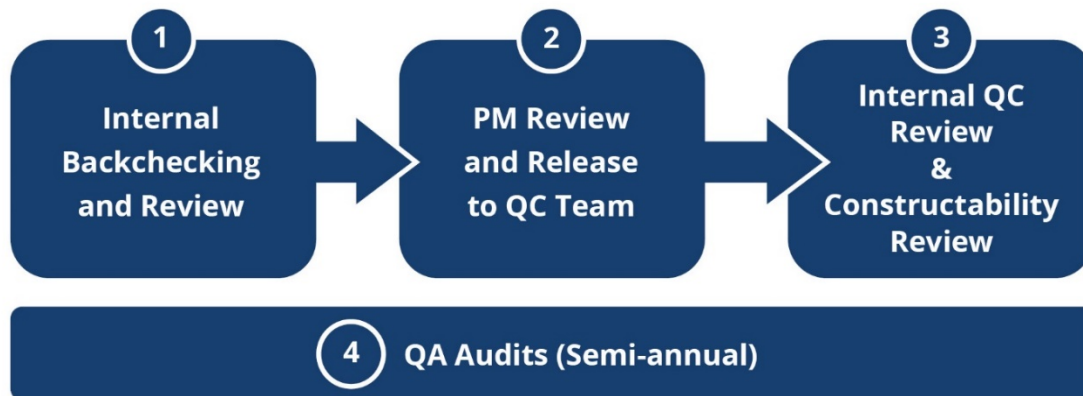
We control construction costs by considering construction costs throughout design. Minimizing right of way is key to controlling construction cost. We will prepare a preliminary construction cost estimate early in the project to verify the cost is generally within the County's budget. If not, we will discuss opportunities to reduce construction costs. We will prepare a detailed cost estimate at 60% submittal. Substantial changes in the construction cost will be documented and discussed with the County. A final cost estimate will be prepared with the final plans.

TEAM MEETINGS

American incorporates team meetings into all projects undertaken within the firm. These meetings provide a means for team members to openly discuss project issues, upcoming deliverables, and integrate design solutions. Ms. Edwards will provide a meeting agenda, project issues summary, and an update on the project's schedule and estimated cost of construction. The key to any successful project is open and constant communication and coordination from the date of assignment through the close of construction services. Communication with all team members will be critical in controlling the schedule and quality of work. Ms. Edwards will make use of frequent group e-mails, phone calls, and team meetings to ensure all team members are kept informed.

QUALITY ASSURANCE/QUALITY CONTROL

American is extremely proud of our quality assurance/quality control (QA/QC) program and procedures. Our dedication to producing high quality products has earned us a great reputation with our clients and has generated positive feedback such as this comment made by FDOT District One, "The consultant is in conformance with their QA/QC procedures, which follows FDOT quality control procedures. American Consulting Engineers has the best quality control records and filing system that District One has seen to date." Our principal-in-charge for this contract, Tracy Boutwell, PE, is a principal with American and will ensure quality control reviews are performed on all submittals to the County. She will ensure adequate time and budget is allocated to perform appropriate QC reviews. We use a four-step QA/QC process throughout the duration of a project as illustrated in the following graphic. The four steps are summarized on this page.



Step 1 - Internal Backchecking and Review. As work is completed on an on-going basis, originators of the work are required to back check their own work to verify it is complete and accurate. Once the originator is satisfied that their work is complete, the task leader will review the work and sign off on it with their initials. This back checking and review is done daily. This ensures subsequent work is based on quality, accurate design, and analysis.

Step 2 - PM Review and Release to QC Team. At phase submittals, our project manager, Kari Edwards, PE, will review all submittal documents and plans for completeness. If complete, she will release the documents for independent review. If not, the documents will be sent back to the task leaders for corrective actions.

Step 3 - Independent QC Review and Constructability Review. Each deliverable to the County will be reviewed by an appropriate independent senior staff member(s). In all cases, staff reviewing deliverables will not be involved in the preparation of the work product. These reviews will be conducted prior to submittal to the County. Documents reviewed by the QC team will be stamped with our official firm QC stamp and initialed in accordance with our QC plan.

Step 4 - Semi-Annual QA Audits. In Fall of 2006, American began a unique QA program on all active projects. Jim Cunningham has been conducting semi-annual QA audits in each office, looking at all projects. Jim conducted similar audits while working for FDOT in Central Office. The QA audits focus on two aspects of a project, QC and project documentation.

American follows these procedures for every project but also recognizes that each project is unique and may contain aspects that require special QA/QC considerations. We will evaluate and modify our quality management plan, if needed, to ensure all aspects of the project are covered.

QA will be conducted prior to all submittals and documented to verify compliance with the QC program. The QC manager, or appointed representative, will review all submittals for completeness and accuracy. This review will see to it that:

- Computations and reports standalone (title, table of contents, etc.).
- All items have been checked, back checked, and reviewed with check prints filed.
- All computer programs have been verified.
- The document submittal checklists and sufficiency checklists have been reviewed for completeness and checked off. These checklists will become part of the QC file.

TAB 5: EXPERIENCE WITH FEDERALLY-FUNDED PROJECTS



AMERICAN’S FAMILIARITY WITH FEDERALLY FUNDED PROJECTS

American has provided design and coordination on multiple federally funded projects including the recent Ranchettes HMGP project in South Santa Rosa County. American is also familiar with the LAP program and our staff have attended training through FDOT with local county personnel to assist in scoping projects that follow State and Federal requirements for requesting federal funding. Our experience and ongoing relationship with FDOT, who is the steward of federal funds and responsible for oversight of funded projects on behalf of the Federal Highway Administration (FHWA), best suits us to provide guidance for accomplishing projects that require their oversight.

FEMA GRANT PROCESSES

FEMA provides several funding opportunities that can benefit the County to meet its mitigation goals. Grant funds are available for pre and post emergency or disaster related projects. These funds support critical recovery initiatives, innovative research and many other programs. Grants are the principal funding mechanism FEMA uses to commit and award federal funding. 2 CFR Grants Management Policy was updated August 13, 2020 by the Office of Management and Budget (OMB). This policy is a guidance tool that provides information regarding the federal rules for applying for federal funding. This document supports four strategies; Strategy 1:Operationalize the Grants Management Standards, Strategy 2: Establish a Robust Marketplace of Modern Solutions, Strategy 3: Manage Risk, Strategy 4: Achieve Program Goals and Objectives. 2 CFR 200 documents the processes from inception to final reporting.

An example of a FEMA grant program is the Hazard Mitigation Grant Program (HMGP). HMGP is a powerful resource in the combined effort by Federal, State and local government, as well as private industry and homeowners to end the cycle of repetitive disaster damage. This grant allows a cost-share of 75% by the federal government. In an effort to streamline the process FEMA recommends that local governments develop mitigation programs before a disaster strikes. This proactive approach will provide a pre-disaster versus post-disaster assessment that can help document the mitigation need. The process to apply for grant funding is a tedious process and requires heavy coordination with local, state and federal level staff in order to complete the application process for funding. American is aware of the hard efforts of Ms. Sheila Fitzgerald, former Grants Coordinator with Santa Rosa County, who spent countless hours managing the grant processes for some of the listed projects in this RFP. The Navarre Marine Park has been involved in the grant process for over 7 years and it is important to note that expediting the design project associate with this grant will help to avoid loss of funding. It is understood that these projects cannot be constructed by local funding alone. We also understand that the longer projects sit in design, the potential for cost increases which could jeopardize the benefit-cost ratio for federal funding approval.

NRCS – Emergency Watershed Protection (EWP) Program

The Natural Resources Conservation Service (NRCS) provides EWP assistance to address threats to life and property which occur when a natural disaster causes a sudden impairment within a watershed. This may include natural disasters such as hurricanes, tornadoes, fires, drought, and floods. EWP can help landowners reestablish vegetative cover, control gully erosion, protect stream banks, remove debris, and install levees. Funding for this program is in the form of supplemental appropriations from Congress on an as needed and as available basis. Therefore, funding to carry out this program is never guaranteed to be available at all times. Requests to the EWP must be sponsored by local subdivisions of state government, such as conservation districts, or by the states themselves. EWP may provide up to 75 percent of funds needed to restore natural watershed function.

Experience with Grant Funded Projects

Jurisdiction	Project Name	Type	Grant Amount
FEMA	Ranchettes Drainage Improvements	HMGP	\$1,599,992.50
FL Dept. Economic Opportunity(DEO)	Riverwalk Boardwalk Extension	Local Economic Dev. Initiatives	\$198,048.00
FDOT/FHWA	Tom King Bayou Pedestrian Bridge	LAP	\$205,879.00
FDOT/ FHWA	CR184A Berry Hill Rd	LAP	\$119,831.51

TAB 6: SIMILAR PROJECT EXPERIENCE



AMERICAN'S SIMILAR PROJECT EXPERIENCE

American has completed more than 70 drainage and roadway projects for the state and county municipalities since 2002. We have successfully completed three projects for Santa Rosa County in the last five years. We are thoroughly familiar with Santa Rosa County's requirements, and are very familiar with the project area from our previous projects and being in close proximity to our Pace office. As shown by the similar projects below, American has experience with roadway, stormwater management, erosion control, structural design and coastal rehab. American's past experience with the CR184A BerryHill roadway project and US 90 PD&E project has provided us insight to the northern area from a regional standpoint giving American an advantage over other firms. Our experience with successfully designing several boat ramps and kayak launches also gives us the necessary insight to perform well for this contract.

RANCHETTES DRAINAGE IMPROVEMENTS

Santa Rosa County, Florida

American completed drainage design providing stormwater mitigation to alleviate structural flooding in the Ranchettes, Northridge, and Whisper Bay subdivisions in south Santa Rosa County. Proposed improvements included the acquisition of drainage easements, the land acquisition and construction of a stormwater pond in addition to the construction of conveyance swales and the installation of storm sewer pipes and inlets. In addition, a new downstream outfall system was designed to supplement the existing outfall to convey flood waters to Pensacola Bay and included modifications to an existing seawall. This project is federally funded through the Hazard Mitigation Grant Program (HMGP). **Fees: \$125,000**

Professional engineering services performed: Drainage, stormwater mitigation, coordination with FEMA.

Owner: Santa Rosa County
Contact: Michael Schmidt
Phone: (850) 981-7100
Date completed: 11/30/2019



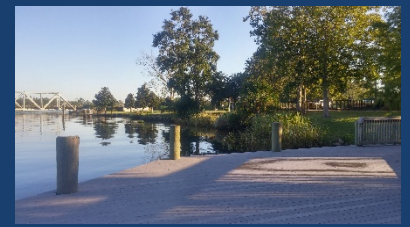
RIVERWALK SOUTH BOARDWALK EXTENSION DESIGN SERVICES

Santa Rosa County, Florida

American designed the Riverwalk South boardwalk extension, which will improve pedestrian access for the growing community and enhance both the cultural and economic prosperity of the City. This will expand the existing boardwalk to the south approximately 365 feet toward the railroad trestle bridge to another planned development and potential new marina. The new boardwalk was designed to match the aesthetic features of the existing boardwalk, which is a waterfront access point to Blackwater River, an Outstanding Florida Water. These features include a pedestrian handrail on the land side and timber posts on the marine side. Additional improvements will include sidewalks and a staging area for park events within the existing city property located adjacent to the proposed boardwalk. Environmental services include permitting through DEP and USACE. This project was federally funded through the Florida Department of Economic Opportunity (DEO). **Fees: \$207,613**

Professional engineering services performed: Drainage, structures, civil/site, environmental and coordination with DEO.

Owner: City of Milton
Contact: Randy Jorgenson
Phone: (850) 983-5411
Date completed: 8/15/2017





C-24 CANAL PARK BOAT LAUNCH
Port St. Lucie, Florida

American provided the site design, public involvement, traffic engineering, landscape architecture, stormwater and utilities design, and permitting for the C-24 Canal Park. Park improvements include four boat ramp lanes, queuing docks, fishing pier, picnic shelters, fish cleaning station, parking, bathrooms, lift station, lighting and a central wet detention pond for the 8-acre site. **Fees: \$283,428**

Professional engineering services performed: Public Involvement, traffic engineering, landscape architecture, stormwater and utilities design, and permitting.

Owner: City of Port St. Lucie
Contact: Brad Keen
Phone: (772) 344-4005
Date completed: 6/1/2007



CR 184A (BERRYHILL ROAD)
Santa Rosa County, Florida

This project included the plan development to resurface the existing roadway. This LAP project included milling and resurfacing design, pavement design, no passing zone study, signing and marking plans, and utility coordination. Due to severe cracking in the pavement, a crack relief layer was used. This project was successfully completed on a tight schedule of three months, from notice to proceed to final FDOT approved plans, including 60% and 90% submittals. This project was originally scoped as a safety improvement project with emphasis on repairing the severely deteriorated roadway. Due to Santa Rosa County's budget constraints, American was able to tailor the design budget to minimize costs that provided the County with the critical item required to repair the roadway. Safety improvements such as guardrail and drainage were provided as alternative bid items so that if additional funding were made available those improvements could be added to the project during the bidding process. This project was federally funded through FDOT/ FHWA. **Fees: \$119,831**

Professional engineering services performed: Roadway design, drainage design, signing and marking plans, utility coordination, survey, and geotechnical.

Owner: Santa Rosa County
Contact: Chris Phillips
Phone: (850) 981-7100
Date completed: 2/19/2016



JOHNSON AVENUE DRAINAGE IMPROVEMENTS
Escambia County, Florida

American developed construction plans for the repair of the storm sewer trunk line along East Johnson Avenue from Hitchcock Road to 600 feet east of Forge Lane that was damaged in the April 2014 floods. This project was submitted to the state under the Local Agency Program (LAP) for federal funding and with design and plans completed in less than three months. This project was partially HMGP funded. **Fees: \$4,990**

Professional engineering services performed: Drainage design and construction plans.

Owner: Escambia County
Contact: Nick Chauvin
Phone: (850) 595-3443
Date completed: 4/20/2016





SR 87, S OF COLDWATER CREEK TO CR 178/VAN JERNIGAN ROAD Santa Rosa County, Florida

American provided design for widening SR 87 from two to four lanes from South of Coldwater Creek to CR 178. The rural typical section consists of four 12-foot travel lanes, 10-foot outside shoulders (5-foot paved), and 8-foot inside shoulders in each direction separated by a grassed median. Additional right of way was required and SR 87 is a designated hurricane evacuation route. The traffic control plan consisted of alignment shifts and phasing in order to maintain two lanes of traffic during construction along with temporary side street road closures and on-site diversions. The utility coordination efforts included reviewing existing utility plans, off-site meetings, and one on one coordination to pinpoint impacts and adjusting drainage structures to avoid additional impacts to major crossings and providing adequate clear zone and maintenance access to the electrical poles. **Fees: \$2,526,540**

Owner: FDOT District Three
Contact: Tommy Johns
Phone: (850) 260-3215
Date completed: 12/13/2014



Professional engineering services performed: Roadway design, drainage design, utility coordination, survey, geotechnical, structures, and public involvement.

SR10 (US90) CAROLINE ST, GLOVER TO SR87 FDOT District 3, Florida

American prepared plans to widen US 90 from a four-lane suburban typical section to a six-lane urban typical section including dedicated bicycle lanes and pedestrian facilities. Additional improvements included signalization plans, LJR, lighting plans, stormwater facilities, permitting and utility coordination. **Fees: \$1,182,449**

Owner: FDOT District Three
Contact: Sandra Lamb
Phone: (850) 638-0250
Date completed: 11/28/2019



Professional engineering services performed: Signalization plans, LJR, lighting plans, stormwater facilities, permitting and utility coordination.

LAKE CHARLENE EMERGENCY ROADWAY EVALUATION Escambia County, Florida

American provided services for three projects within the Lake Charlene Subdivision in Escambia County. These projects included a Drainage Basin Study and Analysis for Lake Charlene and adjacent ditch systems, design plans for ditch improvements using Flexamat optional materials and emergency contract services providing preliminary engineering assessment of flood damage caused by the April 2014 floods. Other services included regional drainage modeling, roadway pavement design, geotechnical assessment, and survey. This project was federally funded. **Fees: \$4,190**

Owner: Escambia County
Contact: Nick Chauvin
Phone: (850) 595-3443
Date completed: 6/9/2014



Professional engineering services performed: Drainage design, emergency design, roadway design, geotechnical, survey.



US 90 PD&E STUDY FROM SCENIC HIGHWAY TO THE SANTA ROSA COUNTY LINE AND FROM THE ESCAMBIA COUNTY LINE TO GLOVER LANE Escambia and Santa Rosa Counties, Florida

American performed a PD&E study for US 90 within Escambia and Santa Rosa Counties, from Scenic Highway to Glover Lane. The length of the study area was approximately 11 miles. The project included reviewing 12 bridges that was analyzed for potential replacement or widening. Typical section alternatives, including rural, urban, and suburban, were evaluated for the corridor. The scope of work included traffic analysis, agency coordination, public meetings, a public hearing, and all supporting documentation. Environmental work included preparation of a State Environmental Impact Report (SEIR), natural resource evaluation, endangered species biological assessment, air quality screening, contamination screening, traffic noise analysis, and water quality evaluation. Coordination with Santa Rosa County for potential impacts to two park facilities on the project including Mayo Park were provided. Other engineering work included pond sizing and bridge hydraulics reports. **Fees: \$3,744,639**

Owner: FDOT District Three
Contact: Peggy Kelley
Phone: (850) 330-1517
Date completed: 6/30/2018

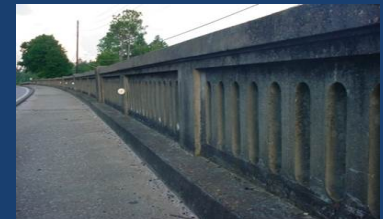


Professional engineering services performed: Planning, roadway design, public involvement, noise analysis, environmental, traffic reports, survey, geotechnical, structures, and drainage.

SR 10 (US 90) OVER MARQUIS BAYOU Santa Rosa County, Florida

This project included the design of a replacement bridge over Marquis Bayou. American performed an alternatives analysis to determine the most appropriate alignment option, preparation of a bridge hydraulics report, bridge development report, approach roadway plans, environmental, and permitting for a new two-lane facility on a hurricane evacuation route over an Outstanding Florida Waterway. Based on input from the public involvement meeting, American assisted FDOT with the coordination efforts necessary to prepare and submit a Section 106 case study due to the historical significance of the bridge railings. Additional alternatives were prepared including a north and south bypass with detailed cost estimates. Additional public involvement was required based on the historical nature of the existing bridge railings and the mitigation efforts required. The final alignment allowed the new bridge to be placed where the existing bridge was currently located using a temporary detour bridge to the south. The existing railings were salvaged and placed on the new bridge as the pedestrian railing. **Fees: \$2,069,539**

Owner: FDOT District Three
Contact: Clay Hunter
Phone: (850) 415-9001
Date completed: 6/1/2015



Professional engineering services performed: Roadway design, structures design, environmental, permitting, and public involvement, SUE, geotechnical, survey.



SR 30 (US 98) HARBOR BOULEVARD EAST PASS BRIDGE TO AIRPORT ROAD MIDBLOCK CROSSWALKS Okaloosa County, Florida

American prepared plans for five signalized midblock crosswalks for this project. The locations included actuated crosswalks, pedestrian signals, and mast arms. A design variation was required to place the mast arms in the median of US 98. Additional services included subsurface utility exploration, survey, geotechnical, signing and marking, and utility coordination. This project was coordinated with the City of Destin and Okaloosa County Traffic to finalize locations and signal timings. **Fees: \$2,022,878**

Professional engineering services performed: Roadway design, geotechnical, survey.

Owner: FDOT District Three
Contact: Noelle Warren
Phone: (850) 260-3221
Date completed: 9/28/2025 (Est.)



SR 10 (US 90A/NINE MILE ROAD) PD&E STUDY FROM SR 10A (US 90/MOBILE HIGHWAY) TO SR 297 (PINE FOREST ROAD) Escambia County, Florida

The study included the addition of left-turn lanes to meet access management criteria, new signals, interstate ramp widening, bicycle lanes and sidewalks, and a new bridge. A pond siting report was completed with additional design to assist with right of way acquisition of the pond sites prior to advertising the project as a design-build project. American provided additional support for advance utility coordination and writing the request for proposal for the design-build advertisement. All documentation including the environmental reports was updated from the previous PD&E study in 1990. The public involvement efforts included two public meetings and a public hearing. The reevaluation has been approved by FHWA. **Fees: \$2,330,099**

Professional engineering services performed: Planning, roadway alternatives, drainage, public involvement, utility coordination, noise analysis, environmental, and traffic reports.

Owner: FDOT District Three
Contact: April Williams
Phone: (850) 330-1625
Date completed: 11/30/2016



PINEAPPLE SNOOK PLAZA PARK AND KAYAK LAUNCH, PORT ST. LUCIE, FLORIDA. City of Port St. Lucie, Florida

As part of the final eastern 1.5 mile segment between Math Lane and US 1 includes an elevated one mile causeway that crosses an environmentally sensitive state preserve. American prepared plans for permitting and design build advertisement and prepared the design build package. Performed review and design during construction including the design of the Pineapple Snook Plaza park and kayak launch located at the west end of the bridge. **Fees: \$24,950**

Professional engineering services performed: Paving, grading and drainage plans, obtained permits, provided specifications and, provided support during construction.

Owner: City of Port St. Lucie
Contact: Cheryl Shanaberger
Phone: (772) 871-7390
Date completed: 4/1/2020





**SR 679 (PINELLAS BAYWAY) STRUCTURE E INTERCOASTAL WATERWAY DESIGN-BUILD.
St. Petersburg, Florida**

2-mile replacement bridge to a two-lane high-level fixed span on a new alignment. The design-build project involves milling and resurfacing SR 679, lighting, aesthetic treatments at bridge approaches, a shared-use path, replacing the existing Tierra Verde and Boca Ciega seawalls, demolishing the existing bascule bridge, and realigning the intersection at Madonna Boulevard via adding a roundabout. **Fees: \$4,965,756**

Professional engineering services performed: Structures, resurfacing, lighting

Owner: FDOT District 7
Contact: Jonathan Gill
Phone: (727) 575-8300
Date completed: 6/1/2021 (Est.)



SIMILAR ENGINEERING CONTRACTS PREVIOUSLY AWARDED BY SANTA ROSA COUNTY

The table below includes our similar engineering contracts previously awarded by Santa Rosa County.

Project Name	State Date	End Date	Fee	Services
CR 184A Berryhill Road	2/2/2015	5/31/2015	\$119,831	Mill and resurface roadway design, drainage design, signing and marking plans, and utility coordination.
Tom King Bayou Pedestrian Bridge	7/1/2019	8/28/2020	\$185,568	Engineering, structural design, SSL, DEP permitting, utility coordination.
Ranchettes Drainage Engineering Services Phase II	12/29/2018	11/30/2019	\$125,000	Drainage design and stormwater mitigation.
US 98 (Navarre Parkway) at Coral Street	2/19/2009	1/1/2009	\$37,506	Signalization, signing and marking plans, design of pedestrian features, utility coordination, environmental permitting.
Total			\$399,955	

TAB 7: PROFESSIONAL REFERENCES



REFERENCES

We are proud of the performance and quality work we provide our clients. Over 90 percent of our work is for repeat clients, which by itself is a testament to the satisfaction of our clients. The list below provides client references. Please feel free to contact these references for information about our integrity, reputation, experience, and efficiency.

Reference Name	Contact Information	Project
Michael Schmidt, PE Project Manager Santa Rosa County	Phone: 850.981.7100 Email: michael@santarosa.fl.gov	Ranchettes Drainage Improvement Project
Chris Phillips, PE Project Manager Santa Rosa County	Phone: 850.981.7100 Email: chrisp@santarosa.fl.gov	Berryhill Road (CR 184A) Resurfacing
Nick Chauvin Project Manager Escambia County	Phone: 850.595.3451 Email: njchauvin@myescambia.com	Johnson Avenue Drainage Improvements
Donald Rogers Drainage Engineer FDOT District Three	Phone: 850.330.1427 Email: donald.rogers@dot.state.fl.us	SR 87, S of Coldwater Creek to CR 178/ Van Jernigan Road, SR 10 (US 90A, Nine Mile Road) from SR 10 (US 90, Mobile Highway) to SR 297 (Pine Forrest Road)
Tommy Johns Project Manager FDOT District Three (Atkins GEC)	Phone: 850.260.3215 Email: tommy.johns@atkinglobal.com	SR 87, S of Coldwater Creek to CR 178/ Van Jernigan Road

CONE OF SILENCE FORM

The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the responder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their sub- consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after responses are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I, Scott Korpi, PE, SE, PEng representing American Consulting Engineers of Florida, LLC

(Print)

(Company)

On this 16 day of December 2021 hereby agree to abide by the County's "Cone of Silence" clause and understand violation of this policy shall result in disqualification of my proposal/submittal.



(Signature)

**SWORN STATEMENT UNDER SETION 287.133 (3) (A)
FLORIDA STATUTE ON PUBLIC ENTITY CRIMES**

*THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER
AUTHORIZED TO ADMINISTER OATHS.*

1. This sworn statement is submitted with Response, Proposal or Contract for: _____
Design Services Contract for Professional Engineering Services
2. This sworn statement is submitted by, American Consulting Engineers of Florida, LLC, whose business address is, 4489 Woodbine Road Pace, FL 32571, and (if applicable) Federal Employer Identification Number (FEIN) is 04-3682340 (if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement).
3. My name is Scott Korpi, PE, SE, PEng and my relationship to the entity named above is Managing Principal (title).
4. I understand that a "public entity crime" as defined in paragraph 287.133 (1) (g) Florida Statute, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to , any response or contract for goods or services to be provided to any public entity or any agency or public subdivision of any other state or of the United States and involved antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
5. I understand that "convicted" or "convicted" as defined in paragraph 287.133 (1) (b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime with or without an adjudication of guilt, in any federal or state trial court of records relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287 .133 (1) (a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one of shares constituting a controlling income among persons when not for fair interest in another person, or a pooling of equipment or income among persons when not for fair market value under an length agreement, shall be a prima facie case that one person controls another person. A person who knowingly convicted of a public entity crime, in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in paragraph 287 .133 (1) (e), Florida Statutes, means any natural person or entity organized under the laws of the state or of the United States with the legal power to enter into a binding contract provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

DEBARMENT FORM

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

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 proposal been convicted of or had a civil judgment 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 statutes 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 the 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.

Name: Scott Korpi, PE, SE, PEng Title: Managing Principal

Signature: 

Firm: American Consulting Engineers of Florida, LLC

Street Address: 4489 Woodbine Road

City: Pace

State: Florida Zip Code: 32571

Solicitation Name Design Services Contract for Professional Engineering Services # RFQ 21-006

REFERENCES FORM

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME American Consulting Engineers of Florida, LLC
PROPOSAL POINT OF CONTACT Kari Edwards, PE PHONE (850) 289-1013
EMAIL KEdwards@acp-fl.com

REFERENCE I.

PROJECT NAME: Ranchettes Drainage Engineering Services
AGENCY: Santa Rosa County
ADDRESS: 6495 Caroline Street, Suite G
CITY, STATE, ZIP CODE: Milton, Florida, 32570
CONTACT PERSON: Michael Schmidt
TITLE: Assistant County Engineer
EMAIL: michaels@santarosa.fl.gov
TELEPHONE: (850) 981-7100
PROJECT COST: \$125,000
COMPLETION DATE: 11/30/2019

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

American completed drainage design providing stormwater mitigation to alleviate structural flooding in the Ranchettes, Northridge, and Whisper Bay subdivisions in south Santa Rosa County.

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

<u>Bill Adams, PE - QA/QC</u>	<u>Deborah Turner - Utility and Public Involvement</u>	<u>Tracy Boutwell, PE - Roadway</u>
<u>Erik Leschak, PE - QA/QC</u>	<u>Kari Edwards, PE- Project Manager</u>	<u>Cody Barrett, PE</u>

REFERENCE II.

PROJECT NAME: CEI for C-24 Canal Park Boat Launch

AGENCY: City of Port St. Lucie

ADDRESS: 121 SW Port St. Lucie Boulevard

CITY, STATE, ZIP CODE: Port St. Lucie, Florida, 34984

CONTACT PERSON: Ron Finks

TITLE: Technical Specialist

EMAIL: rfinks@cityofpsl.com

TELEPHONE: (772) 871-5389

PROJECT COST: \$750,000

COMPLETION DATE: 6/1/2007

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

American provided the site design, public involvement, traffic engineering, landscape architecture, stormwater design,
and permitting for the C-24 Canal Park.

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Bill Adams, PE - Project Manager

Erik Leschak, PE - QA/QC

REFERENCE III.

PROJECT NAME: Pineapple Snook Plaza ADA Kayak Launch

AGENCY: City of Port St. Lucie

ADDRESS: 121 SW Port St. Lucie Boulevard

CITY, STATE, ZIP CODE: Port St. Lucie, Florida, 34984

CONTACT PERSON: Cheryl Shanaberger

TITLE: Office of Management & Budget

EMAIL: cheryls@cityofpsl.com

TELEPHONE: 772-871-7390

PROJECT COST: \$24,950

COMPLETION DATE: 10/1/2016

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

Services included overall project management, hydrologic studies and drainage design, landscape and irrigation plans, architectural plans,
utility coordination and the necessary adjustment plans, signalization, and structures design for the 4,000-foot long bridge,

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Bill Adams, PE - Stormwater Management & Hydrologic

Scott Korpi, PE, SE, PEng - Bridge Design

CONFLICT OF INTEREST DISCLOSURE FORM

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: X

Name(s)

Position(s)

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: American Consulting Engineers of Florida, LLC

BY (PRINTED): Scott Korpi, PE, SE, PEng

BY (SIGNATURE): 

TITLE: Managing Principal

ADDRESS: 4489 Woodbine Road State FL Zip Code 32571

PHONE NO: (813) 435-2642

E-MAIL: SKorpi@acp-fl.com

Date: December 16, 2021

WRITTEN ACTION OF THE MANAGERS
OF
AMERICAN CONSULTING ENGINEERS OF FLORIDA, LLC

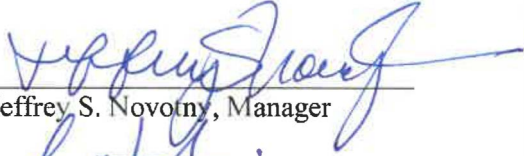
The undersigned, being all of the Managers (the "Managers") of AMERICAN CONSULTING ENGINEERS OF FLORIDA, LLC, a Florida limited liability company (the "Company"), acting pursuant to the terms of §608.4231, Florida Statutes, and by agreement of the undersigned not otherwise proscribed by the Company's Articles of Organization or the Company's Second Amended and Restated Operating Agreement, hereby take the following written actions in lieu of holding a meeting regarding same:

1. Management Committee. The undersigned, being Managers of the Company, confirm that the following members comprise the only members of the Management Committee and, individually and collectively, have signature authority to execute binding agreements on behalf of the Company:

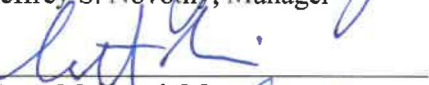
Jeffrey S. Novotny
Scott M. Korpi
E. Gayle Grady

2. Counterparts. This Written Action may be executed in any number of counterparts, by means of multiple signature pages each containing less than all required signatures, and by means of facsimile signatures, each of which shall be deemed an original, but all of which together shall constitute one and the same document.

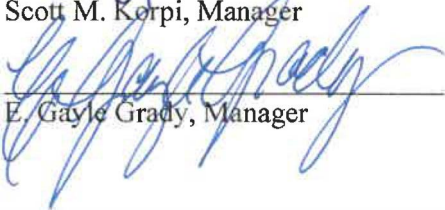
Dated: January 1, 2020



Jeffrey S. Novotny, Manager



Scott M. Korpi, Manager



E. Gayle Grady, Manager



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

ADDENDUM FORM

SRC Procurement Form ADM_029_00_082819

To: Planholders
From: Procurement Office
Date: December 31, 2020
Ref: Addendum #2 for RFQ 21-006 Design Services Contract for Professional Engineering Services

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

I. SPECIFIC QUESTIONS AND ANSWERS

1. Will you please make available the Santa Rosa County's Procurement and Purchasing Policy Manual?

https://santarosacofl-my.sharepoint.com/:b:/g/personal/brandyk_santarosa_fl_gov/EZP-qAG34ZIKiF0sCRiseHAB_Oci7F8iVined6VLNoodtw?e=vHUGDf

2. The scoring matrix specifies respondents are to "Provide 3 reference letters regarding 3 different projects for similar public sector projects." The proposal requirements specify 10 projects and 5 references. Please confirm how many projects and how many references are required. **Revised the Scoring Matrix as follows: Provide reference letters as stated in the proposal. (See Attached)**
3. Federal Funding Requirements: the bid documentation includes information about compliance with 2 CFR 200.321. The first paragraph of this section reads: "The selected firm will be required to provide said documentation after the selection process has been completed:..." The third bullet point of this section reads: "Documentation, including what firms were solicited as supplies and/or sub-contractors, as applicable, shall be included with the bid proposal." Please clarify at what point minority and/or women's business enterprise documentation must be provided. **Strikethrough last sentence (see attachment): Documentation, including what firms were solicited as suppliers and/or sub-contractors, as applicable, shall be included with the bid proposal.**
4. Tab 6 – Similar Project Experience – Are the 10 projects a maximum to include? May we include additional to show relevant project experience? **Tab 6 has been revised to allow no more than 20 projects. (See Attached)**



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

- 5. The evaluation criteria notes that we are to provide 3 reference letters regarding 3 different projects for similar public sector projects. Can these reference letters be from references listed on the reference form? Should these letters be included in Tab 6? **See response to Number 2.**
- 6. Are partial points awarded for use of MBE, WBE, or labor surplus firm subconsultants as part of team? **Yes, partial points may be awarded.**
- 7. Do references need to be listed separately in Tab 7 or shall we just insert the references form here? **The reference form may be used in Tab 7**
- 8. Under which tab should the required forms (Public Entity Crimes, Cone of Silences, etc) be included? **Do not include these in a Tab. Provide them in the front or back to the proposal.**
- 9. Would you consider extending the due date? **Not at this time.**
- 10. References: On the reference form it asks for 3-5 references, Tab 7 asks for 5, and the scoring sheet references 3. Do all three areas for references require a different number of references? Is it permitted to overlap references, meaning to include the same references in each section? **See response to Number 2.**
- 11. Page 5 Are there specific signatory requirements for corporations? **Provide the person in your organization authorized to sign legal contracts.**
- 12. Page 7: Are the references to state contractor licensure and Chapter 489 FS to be disregarded? Likewise, also on page 7, references to “drawings and specifications and proposed fees and costs?” **Yes, these references can be disregarded. A new statement will be added to ensure compliance with 471.023 Florida Statutes. (See Attached)**

13.

This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Scott Korpi, PE, SE, PEng SIGNATURE: 

COMPANY: American Consulting Engineers of Florida, LLC DATE: 1/5/2020

See Attached.

as-needed basis, based upon task orders to be issued by the County under the continuing services contracts. The contracts shall be renewed automatically on an annual basis, unless terminated by the County in writing, for a maximum of three (3) years from the date of execution.

Anticipated Schedule and Deadlines

Proposals will be immediately evaluated and ranked following the proposal due date as outlined in the evaluation criteria and selection process. It is expected that the Board of County Commissioners will approve the highest-ranking firms. The top three (3) firms that are ranked as most qualified should be prepared to provide a scope of work and fee proposal in an expedited manner. The County Administrator, or his designee, will assign the anticipated projects to the selected firms. Upon contract execution and issuance of a Notice to Proceed, the selected firms will be expected to immediately commence design efforts.

Federal Funding Requirements

The anticipated projects will be submitted for consideration of federal funding programs. As such, the federal requirements for selected engineering firm(s) and all sub-contractor(s) must comply with Code of Federal Regulations (2 CFR Part 200), Appendix II. The selected firm(s) will be required to provide said documentation after the selection process has been completed:

- Certification that they are not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in this project by any Federal department or agency.
- Submit a Truth in Negotiation Certification form which will be included as an attachment to the Standard Professional Services Agreement.
- Utilization of Small and Minority Businesses, Women's Business Enterprises and Labor Surplus Area Firms: The selected engineering firm must take all necessary affirmative steps to assure that small, minority, and women-owned businesses are utilized when possible, in accordance with 2CFR 200.321. If subcontracts are to be let, prime contractor will require compliance of this provision by all sub-contractors. Prior to contract award, the contractor shall document efforts to assure that such businesses are solicited when there are potential sources; that the contractor made an effort to divide total requirement, when economically feasible, into smaller tasks or quantities to permit maximum participation by such businesses; and, that the contractor has established delivery schedules, where permitted, to encourage such businesses respond. Contractor and subcontractor shall utilize service and assistance from such organizations as SBA, Minority Business Development Agency of the Department of Commerce, the Florida Department of Management Services (Office of Supplier Diversity), the Florida Department of Transportation, Minority Business Development Center, and Local Government M/DBE programs, available in many large counties and cities. ~~Documentation, including what firms were solicited as suppliers and/or sub-contractors, as applicable, shall be included with the bid proposal.~~

Tab 6 – Similar Project Experience

Identify ten (10) (but no more than twenty (20)) of the firm’s prior project experience, within the last five years, specific to surveying; geotechnical services; engineering design, stormwater design, environmental design, piers, docks and boat ramps, development of construction plans; project cost estimates; bid document preparation; post construction engineering services and other miscellaneous engineering and planning services. Please detail dollar value of each related contract and your time schedule for accomplishing the respective phases of basic services. Indicate the individuals on your staff who had responsibility for each project and whether these people are still with your firm.

Tab 7 – Professional References

Provide a list of references with names, titles, phone numbers and e-mail addresses of persons representing the owner and general contractor for at least five (5) similar projects identified in Tab 6.

Selection Process and Criteria

Professional services are being procured in accordance with the Consultants’ Competitive Negotiation Act (F.S. 287.055) and Office of Management and Budget Uniform Guidance for Federal Awards (2 CFR 200). The selection process will also be in accordance with the most current version of *Santa Rosa County’s Procurement and Purchasing Policy Manual*, which is available upon request.

The most highly qualified firm(s) will be selected based on such factors as the ability of professional personnel; whether a firm is a certified minority business enterprise; past performance; willingness to meet time and budget requirements; location; current and projected workloads of the firm; and the volume of work previously awarded to each firm by the agency, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms.

Other factors that may be considered include a demonstrated knowledge of federal grant programs including familiarity with FEMA’s Benefit Cost Analysis technical process as well as prior design experience with Santa Rosa County specific to federally funded projects.

The criteria and weighting that will be used to evaluate and score proposals is outlined on the Evaluation Criteria and Scoring Form, attached as Exhibit B.

Representatives from the County Engineering Department and Procurement Department will review the submittals for completeness. Those submittals deemed complete and responsive will be forwarded to the Evaluation Committee.



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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ADDENDUM FORM

SRC Procurement Form ADM_029_00_082819

To: Planholders

From: Procurement Office

Date: December 28, 2020

Ref: Addendum #1 for RFQ-21-006 Design Services Contracts for Professional Engineering Services

The following clarifications, amendments, additions, deletions, revisions and modifications form a part of the contract documents and change the original documents in the manner and to the extent stated.

I. CLARIFICATIONS:

1. Please see Revised Cover Sheet for Page 20 of 32. (Attached.)
2. Under section II, RFQ 21-006, second page of preparation of RFQ, final statement- "Responses must include lump sum pricing. Use response form provided in this document. All proposed fees and costs must be broken down and disclosed in the response."
Should this statement be struck through and ignored? **Yes, strike out the language. Responses must include lump sum pricing. Use response form provided in this document. All proposed fees and costs must be broken down and disclosed in the response."**

This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Scott Korpi, PE, SE, PEng SIGNATURE: 

COMPANY: American Consulting Engineers of Florida, LLC DATE: 1/5/2021

See Attached.

EXHIBIT C

SCHEDULE A BASIS OF COMPENSATION

1. As consideration for providing Services set forth herein Article Two of the Contract for Professional Consulting Services, the County agrees to pay, and Consultant agrees to accept, fees as indicated below:

[SHOULD BE SPECIFIC TO EACH PARTICULAR TYPE OF SERVICE BEING PROVIDED BY CONSULTANT – MAY BE LUMP SUM PAYABLE IN PARTS BASED ON PROVIDING DELIVERABLES TO COUNTY OR MAY BE PAID MONTHLY. SOME SERVICES MAY BE PAID BASED ON AN HOURLY WAGE. HOURLY RATES FOR HOURLY WORK SHOULD ALSO BE STATED HERE.]

2. Reimbursable costs shall mean the actual expenditures made by the Consultant while providing Services, in the interest of the Project, and may include the following items:

- a. Expenses for preparation, reproduction, photographic production techniques, postage and handling of drawings, specifications, bidding documents and similar Project-related items.
- b. When authorized in advance by County, except as specifically otherwise provided herein, the expense of overtime work requiring higher than regular rates.
- c. Expenses for renderings, models and mock-ups requested by County.

3. Unless approved by the County in advance, reimbursable costs shall not include the following:

- a. Transportation and subsistence, including transportation and subsistence expenses incidental to out-of-town travel required by Consultant and directed by County, other than visits to the Project Site or County's office.
- b. Consultant overhead including field office facilities.
- c. Overtime not authorized by County.
- d. Expenses for copies, reproductions, postage, handling, express delivery, and long-distance communications not required for a Project.

4. Payments will be made for services rendered on no more than on a monthly basis, within thirty (30) days of submittal of an approvable invoice. The number of the Notice to Proceed pursuant to which the services have been provided shall appear on all invoices. All invoices shall be reasonably substantiated, identify the services rendered and must be submitted in triplicate in a form and manner required by County.

EXHIBIT D

Appendix B
Santa Rosa County Contractors/Business Insurance Requirements
November 2017

The submitter receiving an award will obtain or possess the following insurance coverage's and will provide Certificates of Insurance to the OWNER to verify such coverage.

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Contractor will provide a copy of their Exemption Certificate and Articles of Incorporation if claiming exception to Workers Compensation requirement. The Division of Workers' Compensation offers an online system for applicants to apply for or renew a Certificate of Election to be Exempt from Florida's Workers' Compensation Law, modify an exemption application, or print their certificate. The website is wc_exemption@myfloridacfo.com.

Architects and Engineers Professional Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$3,000,000 aggregate.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage.

This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of 500,000 per person/500,000 per accident and 500,000 for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

- 1) Prior to execution of a contract or agreement, certificates of insurance will be produced

that shall provide for the following:

- a. Santa Rosa County shall be named as an additional insured on the commercial general liability policy, including products/completed operations coverage.
 - b. Santa Rosa County shall be named as an additional insured on the business auto liability policy.
 - c. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.
- 2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.
 - 3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.
 - 4) In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

EXHIBIT E

Nondiscrimination

1. During the performance of this Agreement, the Consultant, for itself, its assignees, and successors in interest, agrees as follows:

- a. Compliance with Regulations: The Consultant will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time:

Title VI List of Pertinent Nondiscrimination Acts and Authorities

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 *et seq.*).

- b. Nondiscrimination: The Consultant, with regard to the work performed by it during the Agreement, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
- c. Solicitations for Subcontracts, including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding or negotiation made by the Consultant for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.
- d. Information and Reports: The Consultant will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County or other governmental entity to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Consultant will so certify to the County or the other governmental entity, as appropriate, and will set forth what efforts it has made to obtain the information.
- e. Sanctions for Noncompliance: In the event of a Consultant's noncompliance with the non-discrimination provisions of this contract, the County will impose such contract sanctions as it or another applicable state or federal governmental entity may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to the Consultant under the Agreement until the Contractor complies; and/or
 - b. Cancelling, terminating, or suspending the Agreement, in whole or in part.
- f. Incorporation of Provisions: The Consultant will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Consultant will take action with respect to any subcontract or procurement as the County may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Consultant becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Consultant may request the County to enter into any litigation to protect the interests of the County. In addition, the Consultant may request the United States to enter into the litigation to protect the interests of the United States.