

RESOLUTION NO. 2021 - 281

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO ENTER INTO NEGOTIATIONS WITH MATTHEWS DESIGN GROUP LLC AS THE TOP RANKED FIRM UNDER RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING, AND UPON SUCCESSFUL NEGOTIATIONS, AWARD AND EXECUTE A CONTRACT FOR COMPLETION OF THE WORK.

RECITALS

WHEREAS, the County is moving forward with intersection improvements at SR-A1A and Mickler Road in St. Johns County, Florida; and

WHEREAS, the project consists of professional engineering services for design, permitting, right-of-way acquisition, utility coordination services, and construction documents for intersection improvements at SR-A1A and Mickler Road, in accordance with RFQ No. 21-86; and

WHEREAS, through the County's formal RFQ process, Matthews Design Group LLC, was identified as the highest ranked firm to perform the work; and

WHEREAS, the County finds that the contract serves a public purpose, and will review the terms, provisions, conditions, and requirements of the negotiated contract; and

WHEREAS, the project will be funded by the SJC Public Works Department.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.

Section 2. The County Administrator, or designee, is hereby authorized to enter into negotiations with Matthews Design Group LLC, as the top ranked firm in order to come to agreement over terms and conditions. In the event an agreement cannot be reached, the County Administrator, or designee, is authorized to cease negotiations and negotiate with the next successively ranked firm until an agreement can be reached, or it no longer serves the County's best interest to proceed.

Section 3. Upon successful negotiations, the County Administrator, or designee, is further authorized to award and execute a contract with Matthews Design Group LLC to provide the services as provided in RFQ No. 21-86, and as negotiated.

Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, on this 20 day of July, 2021.

BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

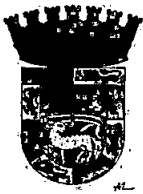
By: Jeremiah R. Blocker
Jeremiah R. Blocker, Chair

ATTEST: Brandon J. Patty,
Clerk of the Circuit Court & Comptroller

By: Pam Halterman
Deputy Clerk

RENDITION DATE 7/21/21





CONTRACT AGREEMENT
RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING
Master Contract #: _____

This Contract Agreement, ("Agreement") is made as of this _____ day of _____, 2021, ("Effective Date") between **St. Johns County, FL** ("County"), a political subdivision of the State of Florida, whose principal offices are located at 500 San Sebastian View, St. Augustine, FL 32084, and _____ ("Consultant"), authorized to do business in the State of Florida, with mailing address: _____; Phone: (____) _____; Fax: (____) _____; Email: _____.

In consideration of the mutual promises contained herein, the County and the Consultant agree as follows:

ARTICLE 1 -- DURATION and EXTENSION

This Agreement shall become effective upon the date of execution by all parties, as of the Effective Date shown above, and shall be in effect for an initial contract term of XXXXXX (XXX) calendar days, and may be extended as necessary to complete the required services upon satisfactory performance by the Consultant, mutual agreement by both parties, and the availability of legally appropriated funds. While this Agreement may be renewed as stated in this Article, it is expressly noted that the County is under no obligation to extend this Agreement. It is further expressly understood that the option of extension is exercisable only by the County, and only upon the County's determination that the Consultant satisfactorily performed the Services noted in the Contract Documents.

ARTICLE 2 - ENUMERATION OF CONTRACT DOCUMENTS

The term "Contract Documents" shall include all RFQ Documents and any addenda/exhibits thereto; all Specifications; this Agreement, any duly executed amendments, addenda, and/or exhibits hereto; and any and all Change Orders.

Any document not identified above is not a Contract Document and does not form part of this Agreement. In interpreting the Contract and resolving any inconsistencies or ambiguities, the main body of this Agreement takes precedence over any of the Exhibits provided above.

ARTICLE 3 - SERVICES

The Consultant's responsibility under this Agreement is to provide any and all labor, materials, equipment, transportation, and supervision necessary to perform the Scope of Work as set forth in Part III of St. Johns County Request for Qualifications No: 21-86.

Services provided by the Consultant shall be under the general direction of the respective St. Johns County Engineering Division, or other authorized County designee, who shall act as the County's representative throughout the duration of this Agreement.

ARTICLE 4 – SCHEDULE

The Consultant shall perform the required Services according to the schedule submitted and approved by the County. No changes to said schedule shall be made without prior written authorization from the County's representative.

ARTICLE 5 – COMPENSATION/BILLING/INVOICES

- A. The County shall compensate the Consultant an amount not to exceed XXXXXXXXXX (\$XXXXXXXXXX) according to the pricing proposal attached hereto as Exhibit "B", which shall include any and all direct and indirect costs, and reimbursable expenses. The maximum amount available as compensation to Consultant under this Agreement shall not exceed the amount stated above without the County's express written approval, and amendment to this Agreement.
- B. It is strictly understood that Consultant is not entitled to the above-referenced amount of compensation. Rather, Consultant's compensation is based upon Consultant's adhering to the Scope of Work, detailed in this Agreement. As such, the Consultant's compensation is dependent upon satisfactory completion and delivery of all work product and deliverables noted in the Scope of Work, and detailed in this Agreement.
- C. The Consultant shall bill the County for services satisfactorily performed, and materials satisfactorily delivered on a

monthly basis. The signature of the Consultant's authorized representative on the submitted invoice shall constitute the Consultant's certification to the County that:

1. The Consultant has billed the County for all services rendered by it and any of its consultants or sub-consultants through the date of the invoice;
 2. As of the date of the invoice, no other outstanding amounts are due from the County to the Consultant for services rendered;
 3. The reimbursable expenses, if any, have been reasonably incurred; and
 4. The amount requested is currently due and owing.
- D. Though there is no billing form or format pre-approved by either the County, or the Consultant, bills/invoices submitted by the Consultant shall include a detailed written report of the Work accomplished in connection with the Scope of Work, and must be submitted with a Monthly Invoicing Form 1551, as provided by the County. The County may return a bill/invoice from the Consultant, and request additional documentation/information. Under such circumstances, the timeframe for payment will be extended by the time necessary to receive a verified bill/invoice.
- E. The Consultant's acceptance of the County's payment of an invoiced amount shall release the County from any claim by the Consultant, or by the Consultant's consultants or sub-consultants, for work performed but not invoiced during the time period indicated on the invoice for which payment was issued.
- F. Unless otherwise notified, bills/invoices should be delivered to:

St. Johns County Engineering Division
Attn: Nick Perpich
2750 Industry Center Road
St. Augustine, FL 32084

G. FINAL INVOICE: In order for the County and the Consultant to reconcile/close their books and records, the Consultant shall clearly indicate "Final Invoice" on the Consultant's final bill/invoice to the County. Such indication establishes that all services have been satisfactorily performed and that all charges and costs have been invoiced to the County and that there is no further Work to be performed under this Agreement.

ARTICLE 6 – TRUTH-IN-NEGOTIATION CERTIFICATE

The signing of this Agreement by the Consultant shall act as the execution of a truth-in-negotiation certificate certifying that wage rates and other factual unit costs supporting the compensation are accurate, complete, and current as of the date of this Agreement.

The original contract price and any additions thereto shall be adjusted to exclude any significant sums by which the County determines the contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such contract adjustments shall be made within one (1) year following the end of the Agreement.

ARTICLE 7 – ARREARS

The Consultant shall not pledge the County's credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgement, 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 Agreement.

ARTICLE 8 – TERMINATION

- A. This Agreement may be terminated by the County without cause upon at least thirty (30) calendar days advance written notice to the Consultant of such termination without cause.
- B. This Agreement may be terminated by the Consultant with cause upon at least fourteen (14) calendar days advance written notice of such termination with cause. Such written notice shall indicate the exact cause for termination.

ARTICLE 9 – NOTICE OF DEFAULT/RIGHT TO CURE

- A. Should the County fail to perform (default) under the terms of this Agreement, then the Consultant shall provide written notice to the County, which such notice shall include a timeframe of no fewer than fifteen (15) business days

in which to cure the default. Failure to cure the default within the timeframe provided in the notice of default (or any such amount of time as mutually agreed to by the parties in writing), shall constitute cause for termination of this Agreement.

- B. Should the Consultant fail to perform (default) under the terms of this Agreement, then the County shall provide written notice to the Consultant, which such notice shall include a timeframe of no fewer than seven (7) calendar days in which to cure the default. Failure to cure the default within the timeframe provided in the notice of default (or any such amount of time as mutually agreed to by the parties in writing), shall constitute cause for termination of this Agreement.
- C. Consistent with other provisions in this Agreement, Consultant shall be paid for services authorized and satisfactorily performed under this Contract up to the effective date of termination.
- D. Upon receipt of a notice of termination, except as otherwise directed by the County in writing, the Consultant shall:
 - 1. Stop work on the date to the extent specified.
 - 2. Terminate and settle all orders and subcontracts relating to the performance of the terminated work.
 - 3. Transfer all work in process, completed work, and other material related to the terminated work to the County.
 - 4. Continue and complete all parts of the work that have not been terminated.

ARTICLE 10 – PERSONNEL

The Consultant represents that it has, or shall secure at its own expense, all necessary personnel required to perform the Work as provided in the Contract Documents. It is expressly understood that such personnel shall not be employees of, or have any contractual relationship with the County.

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

Any changes or substitutions in the Consultant's key personnel must be made known to the County's representative and written approval granted by the County before said change or substitution can become effective.

The Consultant warrants that all Work shall be performed by skilled and competent personnel to the highest professional standards in the field. The Consultant is responsible for the professional quality, technical accuracy, and timely completion of all work performed hereunder, and shall correct or revise any errors or deficiencies in the Work, without additional compensation.

The Consultant shall provide the designated Key Personnel to perform work under this Agreement, as follows:

Name:	Title:	Phone #:	Email:
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

ARTICLE 11 – SUBCONTRACTING

The County reserves the right to approve the use of any 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 the Work described in the Contract Documents. The Consultant is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities.

If a subcontractor fails to satisfactorily perform in accordance with the Contract Documents, and it is necessary to replace the subcontractor to complete the Work in a timely fashion, the Consultant shall promptly do so, subject to approval by the County.

The County reserves the right to disqualify any subcontractor, vendor, or material supplier based upon prior unsatisfactory performance.

ARTICLE 12 – FEDERAL AND STATE TAX

In accordance with Local, State, and Federal law, the County is exempt from the payment of Sales and Use Taxes. The County shall provide a tax exemption certificate to the Consultant upon request. The Consultant shall not be exempt from the payment of all applicable taxes in its performance under this Agreement. It is expressly understood by the County and by the Consultant that the Consultant shall not be authorized to use the County's Tax Exemption status in any manner.

The Consultant shall be solely responsible for the payment and accounting of any and all applicable taxes and/or withholdings including but not limited to Social Security payroll taxes (FICA), associated with or stemming from Consultant's performance under this Agreement.

ARTICLE 13 – AVAILABILITY OF FUNDS

The County's obligations under this Agreement are contingent upon the lawful appropriation of sufficient funds, for that purpose, by the St. Johns County Board of County Commissioners. Pursuant to the requirements of Section 129.07, Florida Statutes, payment made under this Agreement shall not exceed the amount appropriate in the County's budget for such purpose in that fiscal year. Nothing in this Agreement shall create any obligation on the part of the Board of County Commissioners to appropriate such funds for the payment of services provided under this Agreement during any given County fiscal year. Moreover, it is expressly noted that the Consultant cannot demand that the County provide any such funds in any given County Fiscal Year.

ARTICLE 14 - INSURANCE

The Consultant shall not commence work under this Agreement until he/she has obtained all insurance required under this section and such insurance has been approved by the County. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. The Consultant shall furnish proof of Insurance to the County prior to the commencement of operations. The Certificate(s) shall clearly indicate the Consultant has obtained insurance of the type, amount, and classification as required by contract and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the County. Certificates shall specifically include the County as Additional Insured for all lines of coverage except Workers' Compensation and Professional Liability. A copy of the endorsement must accompany the certificate. Compliance with the foregoing requirements shall not relieve the Consultant of its liability and obligations under this Agreement.

Certificate Holder Address: St. Johns County, a political subdivision of the State of Florida
500 San Sebastian View
St. Augustine, FL 32084

The Consultant shall maintain during the life of this Agreement, Comprehensive General Liability Insurance with minimum limits of \$1,000,000 per occurrence, \$2,000,000 aggregate to protect the Consultant from claims for damages for bodily injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this Agreement, whether such operations be by the Consultant or by anyone directly employed by or contracting with the Consultant.

The Consultant shall maintain during the life of this Agreement, Professional Liability or Errors and Omissions Insurance with minimum limits of \$1,000,000.

The Consultant shall maintain during the life of this Agreement, Comprehensive Automobile Liability Insurance with minimum limits of \$300,000 combined single limit for bodily injury and property damage liability to protect the Consultant from claims for damages for bodily injury, including the ownership, use, or maintenance of owned and non-owned automobiles, including rented/hired automobiles whether such operations be by the Consultant or by anyone directly or indirectly employed by a Consultant.

The Consultant shall maintain during the life of this Agreement, adequate Workers' Compensation Insurance in at least such amounts as are required by the law for all of its employees (if three or more) per Florida Statute 440.02.

In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

ARTICLE 15 – EMPLOYMENT ELIGIBILITY AND MANDATORY USE OF E-VERIFY

As a condition precedent to entering into this Agreement, and in accordance with section 448.095, F.S., Contractor and its subcontractors shall register with and use the E-Verify system to verify the work authorization status of all employees hired on or after January 1, 2021.

- A. Contractor shall require each of its subcontractors to provide Contractor with an affidavit stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien. Contractor shall maintain a copy of such affidavit for the duration of this Agreement.
- B. The County, Contractor, or any subcontractor who has a good faith belief that a person or entity with which it is contracting has knowingly violated section 448.09(1), F.S. or these provisions regarding employment eligibility shall terminate the contract with the person or entity.
- C. The County, upon good faith belief that a subcontractor knowingly violated these provisions regarding employment eligibility, but Contractor otherwise complied, shall promptly notify Contractor and Contractor shall immediately terminate the contract with the subcontractor.
- D. The County and Contractor hereby acknowledge and mutually agree that, a contract terminated pursuant to these provisions regarding employment eligibility is not a breach of contract and may not be considered as such. Any contract terminated pursuant to these provisions regarding employment eligibility may be challenged in accordance with section 448.095(2)(d), F.S.
- E. Contractor acknowledges that, in the event that the County terminates this Contract for Contractor's breach of these provisions regarding employment eligibility, then Contractor may not be awarded a public contract for at least one (1) year after such termination. Contractor further acknowledges that Contractor is liable for any additional costs incurred by the County as a result of the County's termination of this Agreement for breach of these provisions regarding employment eligibility.
- F. Contractor shall incorporate in all subcontracts made pursuant to this Agreement the provisions contained herein regarding employment eligibility.

ARTICLE 16 - INDEMNIFICATION

The Consultant shall indemnify and hold harmless the County and its officers and employees from claims, liabilities, damages, losses, and costs, including court costs, expert witness and professional consultation services, and attorneys' fees, arising out of the Consultant's errors, omissions, or negligence. The Consultant shall not be liable to, nor be required to indemnify the County for, any portions of damages arising out of any error, omission, or negligence of the County or its officers and employees..

ARTICLE 17 – SUCCESSORS AND ASSIGNS

The County and the Consultant each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Agreement. Except as above, neither the County nor the Consultant shall assign, sublet, convey or transfer its interest in this Agreement 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 18 – REMEDIES

No remedy herein conferred upon any party is intended to be exclusive, or 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.

In any action brought by either party for the enforcement of the obligations of the other party, the prevailing party shall be entitled to recover reasonable attorney's fees.

ARTICLE 19 – CONFLICT OF INTEREST

The Consultant represents that it presently has no interest and shall acquire no interest, either directly or indirectly, which would conflict in any manner with the performance of services required hereunder. The Consultant further represents that no person having any interest shall be employed for said performance.

The Consultant shall promptly notify the County, 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 opinion of the County, whether such association, interest, or circumstance constitutes a conflict of interest if entered into by the Consultant.

The County agrees to notify the Consultant of its opinion by certified mail within thirty (30) days of receipt of notification by the Consultant. If, in the opinion of the County, the prospective business association, interest or circumstance would not constitute a conflict of interest by the Consultant, the County shall so state in the notification and the Consultant shall, at his/her 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 Agreement.

ARTICLE 20 – NO THIRD PARTY BENEFICIARIES

It is expressly understood by the County, and the Consultant, and this Agreement explicitly states that no third party beneficiary status or interest is conferred to, or inferred to, any other person or entity.

ARTICLE 21 – EXCUSABLE DELAYS

The Consultant shall not be considered in default by reason of any delay in performance if such delay arises out of causes reasonably beyond the Consultant's control and without its fault or negligence. Such cases may include, but are not limited to: acts of God; the County's ommissive and commissive failures; natural or public health emergencies; freight embargoes; and severe weather conditions.

If delay is caused by the failure of the Consultant's subcontractor(s) to perform or make progress, and if such delay arises out of causes reasonably beyond the control of the Consultant and its subcontractor(s) and is without the fault or negligence of either of them, the Consultant shall not be deemed to be in default.

Upon the Consultant's request, the County shall consider the facts and extent of any delay in performing the work and, if the Consultant's failure to perform was without its fault or negligence, the Contract Schedule and/or any other affected provision of this Agreement shall be revised accordingly; subject to the County's right to change, terminate, or stop any or all of the Work at any time.

ARTICLE 22 – DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The Consultant shall deliver to the County for approval and acceptance, and before being eligible for final payment of any amounts due, all documents and materials prepared by and for the County under this Agreement.

All written and oral information not in the public domain, or not previously known, and all information and data obtained, developed, or supplied by the County, or at its expense, shall be kept confidential by the Consultant and shall not be disclosed to any other party, directly or indirectly, without the County's prior written consent, unless required by a lawful order. All drawings, maps, sketches, and other data developed, or purchased under this Agreement, or at the County's expense, shall be and remains the County's property and may be reproduced and reused at the discretion of the County.

The County and the Consultant shall comply with the provisions of Chapter 119, Florida Statutes (Public Records Law).

All covenants, agreements, representations and warranties made herein, or otherwise made in writing by any party pursuant hereto, including but not limited to, any representations made herein relating to disclosure or ownership of documents, shall survive the execution and delivery of this Agreement and the consummation of the transactions contemplated hereby.

ARTICLE 23 – INDEPENDENT CONSULTANT RELATIONSHIP

The Consultant is, and shall be, in the performance of all work services and activities under this Agreement, an

independent consultant, and not an employee, agent, or servant of the County. All persons engaged in any of the work or services performed pursuant to this Agreement 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 consultant and not as employees or agents of the County. The Consultant does not have the power or authority to bind the County in any promise, agreement or representation other than specifically provided for in this Agreement.

ARTICLE 24 – CONTINGENT FEES

Pursuant to Section 287.055(6), Florida Statutes, the Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Agreement.

Violation of this section shall be grounds for termination of this Agreement. If this Agreement is terminated for violation of this section, the County may deduct from the contract price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or other consideration.

ARTICLE 25 – ACCESS AND AUDITS

The Consultant shall maintain adequate records to justify all charges, expenses, and costs incurred in performing the work for at least three (3) years after completion of this Agreement. The County shall have access to such books, records, and documents as required in this section for the purpose of inspection or audit during normal business hours, at the County's cost, upon five (5) days written notice.

ARTICLE 26– NONDISCRIMINATION

The Consultant warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, physical handicap, sex, age or national origin.

ARTICLE 27 – ENTIRETY OF CONTRACTUAL AGREEMENT

The County and the Consultant agree that this Agreement, signed by both parties sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein, or are incorporated by reference into this Agreement. None of the provisions, terms, conditions, requirements, or responsibilities noted in this Agreement may be amended, revised, deleted, altered, or otherwise changed, modified, or superseded, except by written instrument, duly executed by authorized representatives of both the County, and the Consultant.

ARTICLE 28 – ENFORCEMENT COSTS

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

ARTICLE 29 – COMPLIANCE WITH APPLICABLE LAWS

Both the County and the Consultant shall comply with any and all applicable laws, rules, regulations, orders, and policies of the County, State, and Federal Governments.

ARTICLE 30 – AUTHORITY TO PRACTICE

The Consultant hereby represents and warrants that it has and shall continue to maintain all licenses and approvals required to conduct its business, and that it shall at all times, conduct its business activities in a reputable manner.

ARTICLE 31 – SEVERABILITY

If any term or provision of this Agreement, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement, or the application of such items 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 Agreement shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 32 - AMENDMENTS AND MODIFICATIONS

No amendments or modifications of this Agreement shall be valid unless in writing and signed by each of the parties.

The County reserves the right to make changes in the 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: (1) if requested by the County, provide an 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 in writing if the contemplated change shall effect the Consultant's ability to meet the completion dates or schedules of this Agreement. If the County instructs in writing, the Consultant shall suspend work on that portion of the project, pending the County's decision to proceed with the change. If the County elects to make the change, the County shall issue a Change Order for changes, or a contract change order, if the original contract is to be changed or amended the Consultant shall not commence work on any such change until such written change order has been issued and signed by each of the parties.

ARTICLE 33 - FLORIDA LAW & VENUE

This Agreement shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce this Agreement shall be held in St. Johns County, Florida.

ARTICLE 34 - ARBITRATION

The County shall not be obligated to arbitrate or permit any arbitration binding on the County under any of the Contract Documents or in connection with the project in any manner whatsoever.

ARTICLE 35 - NOTICES

All notices required in this Agreement shall be sent by certified mail, return receipt requested, and if sent to the County shall be mailed to:

St. Johns County Purchasing Department
Attn: Leigh A. Daniels, CPPB, Purchasing Manager
500 San Sebastian View
St. Augustine, FL 32084

and if sent to the Consultant shall be mailed to:

Attn: _____

ARTICLE 36 - HEADINGS

The heading preceding the articles and sections herein are solely for convenience of reference and shall not constitute a part of this Agreement, or affect its meaning, construction or effect.

ARTICLE 37 - PUBLIC RECORDS

A. The cost of reproduction, access to, disclosure, non-disclosure, or exemption of records, data, documents, and/or materials, associated with this Agreement shall be subject to the applicable provisions of the Florida Public Records Law (Chapter 119, Florida Statutes), and other applicable State and Federal provisions. Access to such public records, may not be blocked, thwarted, and/or hindered by placing the public records in the possession of a third party, or an unaffiliated party.

B. In accordance with Florida law, to the extent that Contractor's performance under this Contract constitutes an act on

behalf of the County, Contractor shall comply with all requirements of Florida's public records law. Specifically, if Contractor is expressly authorized, and acts on behalf of the County under this Agreement, Contractor shall:

- (1) Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the Services;
- (2) 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 as provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
- (3) Ensure that public records related to this Agreement that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by applicable law for the duration of this Agreement and following completion of this Agreement if the Contractor does not transfer the records to the County; and
- (4) Upon completion of this Agreement, 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 Services.

If the Contractor transfers all public records to the County upon completion of this Agreement, 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 this Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the County's information technology systems.

Failure by the Contractor to comply with the requirements of this section shall be grounds for immediate, unilateral termination of this Agreement by the County.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: 500 San Sebastian View, St. Augustine, FL 32084, (904) 209-0805, publicrecords@sjcfl.us

ARTICLE 38 – USE OF COUNTY LOGO

Pursuant to, and consistent with, County Ordinance 92-2 and County Administrative Policy 101.3, the Consultant may not manufacture, use, display, or otherwise use any facsimile or reproduction of the County Seal/Logo without express written approval St. Johns County, Florida.

ARTICLE 39 – SURVIVAL

It is explicitly noted that the following provisions of this Agreement, to the extent necessary, shall survive any suspension, termination, cancellation, revocation, and/or non-renewal of this Agreement, and therefore shall be both applicable and enforceable beyond any suspension, termination, cancellation, revocation, and/or non-renewal: (1) Truth-in-Negotiation; (2) Federal and State Taxes; (3) Insurance; (4) Indemnification; (5) Access and Audits; (6) Enforcement Costs; and (7) Access to Records.

ARTICLE 40 – AUTHORITY TO EXECUTE

Each party represents that it has the lawful authority to enter into this Agreement and has authorized the execution of this Agreement by the party's authorized representative shown below.

IN WITNESS WHEREOF, authorized representatives of the COUNTY, and CONSULTANT have executed this Contract Agreement on the day and year below noted.

ST. JOHNS COUNTY, FL:

Leigh A. Daniels, CPPB
Printed Name of County Representative

Purchasing Manager
Title of County Representative

Signature County Representative

Date of Execution

CONSULTANT:

Company Name

Signature of Consultant Representative

Printed Name & Title

Date of Execution

**ATTEST:
ST. JOHNS COUNTY, FL
CLERK OF THE CIRCUIT COURT & COMPTROLLER**

Deputy Clerk

Date of Execution

LEGALLY SUFFICIENT

Deputy County Attorney

Date of Execution

**RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING
Master Contract #: _____**

EXHIBIT "A"

Request for Qualifications & Issued Addenda
(separate attachment)

**RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING
Master Contract #: _____**

EXHIBIT "B"

CONSULTANT'S PROPOSAL



St. Johns County Board of County Commissioners

Purchasing Division

NOTICE OF INTENT TO AWARD

June 18, 2021

RE: RFQ 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Please be advised that the Purchasing Department of St. Johns County is issuing this notice of its Intent to Award a contract, after successful negotiations, to Matthews Design Group LLC as the top ranked firm under RFQ 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting. This notice will remain posted until 12:30PM, Wednesday, June 23, 2021.

Any person (including any bidder or proposer) who is, or claims to be, adversely affected by the County's decision or proposed decision shall file a written Notice of Protest with the Purchasing Department of St. Johns County within 72 hours after the posting of the notice of decision or proposed decision. Failure to file a Notice of Protest within the time prescribed in Section 304.10 of the St. Johns County Purchasing Manual (the Bid Protest Procedure), or failure to post the bond or other security required by the County within the time allowed for filing a bond, shall constitute a waiver of proceedings and a waiver of the right to protest. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated herein by reference and are fully binding.

Should the Purchasing Department receive no protests in response to this notice, an agenda item will be submitted to the St. Johns County Board of County Commissioners for their consideration and subsequent approval to award a contract.

Please forward all correspondence, requests or inquiries directly to Diana M. Fye, AS, CPPB, Procurement Coordinator at dfye@sjcfl.us.

Sincerely,

St. Johns County

Board of County Commissioners

A handwritten signature in black ink, appearing to read "Leigh A. Daniels", is written over a horizontal line. Below the line is the text "County Representative Signature".

County Representative Signature

Date: 6/18/21

Leigh A. Daniels, CPPB
Purchasing Manager
(904) 209-0154 – Direct
(904) 209-0155 – Fax
ldaniels@sjcfl.us



**ST. JOHNS COUNTY
PURCHASING DEPARTMENT**

500 San Sebastian View
St. Augustine, Florida 32084

I N T E R O F F I C E M E M O R A N D U M

TO: Greg Caldwell, Public Works Director
FROM: Diana M. Fye, CPPB, Procurement Coordinator
SUBJECT: RFQ 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting
DATE: June 17, 2021

Attached please find a copy of the RFQ Evaluation Summary Sheet for your file as recorded and verified at the Evaluation Committee Meeting.

Please review, evaluate and make a written recommendation for this project. Also, indicate the budgeted amount for this item along with the appropriate charge code and return to my attention as soon as possible.

Please let me know if I can assist your department in any other way.

Dept. Approval

Greg Caldwell

Date

6/17/21

Budget Amount

\$1,650,000.00 ; \$ 1,650,000.00

Account Funding Title

IF "B"

Funding Charge Code

1188-55305-5266-56301, 1188-56301-5266-56301

Award to

Matthews Design Group, LLC

Award Amount

N/A

COMBINED EVALUATION SUMMARY SHEET
(Submittal & Presentations)

St. Johns County, Florida
Board of County Commissioners

Date: June 17, 2021
RFQ: 21-86; SR-A1A / Mickler Road
Intersection Improvements
Design & Permitting
Posted:

FIRM	EVALUATOR		EVALUATOR		EVALUATOR		EVALUATOR		TOTAL	RANK	COMMENTS
	Submittal	Interview	Submittal	Interview	Submittal	Interview	Submittal	Interview			
Matthews Design Group LLC	126.00	10.00	119.00	8.00	122.00	5.00	121.00	10.00	521.00	1	
England-Thims & Miller, Inc.	118.00	10.00	110.00	9.00	120.00	10.00	112.00	10.00	499.00	2	
Hanson Professional Services Inc.	119.00	Withdrew from Interviews	110.00	Withdrew from Interviews	118.00	Withdrew from Interviews	102.00	Withdrew from Interviews	449.00	3	

APPROVED: Purchasing Manager

name Leigh A. Daniels

Date: 6/17/21

Public Works Director

name Greg Caldwell

Date: 6/17/21

NOTE:

THE RANKING SHOWN ABOVE MUST BE FOLLOWED UNLESS SPECIAL CONDITIONS MERIT A CHANGE IN THE RANKING ORDER, IN THIS CASE, THE SPECIAL CONDITIONS MUST BE EXPLAINED IN DETAIL IN THE COMMENTS SECTION OR ATTACHED TO THIS EVALUATION SUMMARY SHEET.

POSTING TIME/DATE FROM 1200PM June 18, 2021, UNTIL 12:00PM June 23, 2021.

ANY RESPONDENT AFFECTED ADVERSELY BY AN INTENDED DECISION WITH RESPECT TO THE EVALUATION, SHORTLIST, OR RECOMMENDATION FOR AWARD RELATED TO THIS RFQ SHALL FILE WITH THE ST. JOHNS COUNTY PURCHASING DEPARTMENT A WRITTEN NOTICE OF INTENT TO FILE A PROTEST NOT LATER THAN SEVENTY-TWO (72) HOURS (EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS) AFTER THE POSTING OF A NOTICE OF INTENT TO AWARD. PROTEST PROCEDURES MAY BE OBTAINED FROM THE DESIGNATED POINT OF CONTACT FOR THIS RFQ.

EVALUATION SUMMARY SHEET

ST. JOHNS COUNTY, FLORIDA

Date: June 10, 2021
 RFQ: 21-86; SR-A1A / Mickler Road
 Intersection Improvements
 Design & Permitting

	RATER	RATER	RATER	RATER			
FIRM	Brian Kelsay	Phyllis Thorpe	Donnie Tackett	Devin Cousins	TOTAL	RANK	COMMENTS
England-Thims & Miller, Inc.	118	110	120	112	460	2	
Hanson Professional Services Inc.	119	110	118	102	449	3	
Matthews Design Group LLC	126	119	122	121	488	1	
The Haskell Company	113	102	118	113	446	4	
Yuro & Associates LLC	124	106	114	90	434	5	

APPROVED: Purchasing Manager: *Leigh A. Daniels* Date: 6/10/2021
~~Leigh A. Daniels, CPPB~~ *George Locklear, Asst Director, Purchasing & Contracts*
 Public Works Director: *Greg Caldwell* Date: 6/10/21

NOTE:
 THE RANKING SHOWN ABOVE MUST BE FOLLOWED UNLESS SPECIAL CONDITIONS MERIT A CHANGE IN THE NEGOTIATING ORDER, IN THIS CASE, THE SPECIAL CONDITIONS MUST BE EXPLAINED IN DETAIL IN THE COMMENTS SECTION OR ATTACHED TO THIS RANKING SHEET.

POSTING TIME/DATE FROM 4:00 June 10, 2021, UNTIL 4:00 June 15, 2021.

ANY RESPONDENT AFFECTED ADVERSELY BY AN INTENDED DECISION WITH RESPECT TO THE AWARD OF ANY REQUEST FOR PROPOSAL, SHALL FILE WITH THE PURCHASING DEPARTMENT FOR ST. JOHNS, A WRITTEN NOTICE OF INTENT TO FILE A PROTEST NOT LATER THAN SEVENTY-TWO (72) HOURS (EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS) AFTER THE POSTING OF THE SUMMARY SHEET. PROTEST PROCEDURES MAY BE OBTAINED IN THE PURCHASING DEPARTMENT.

RFQ NO. 21-86


**MATTHEWS
DESIGN GROUP**

SR A1A / Mickler Road Intersection Improvements Design & Permitting



**Request for Proposal
St. Johns County Board of County Commissioners**

MAY 27, 2021

ORIGINAL

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

OPTIONAL CHECKLIST

SECTION	RFQ PACKAGE COMPONENTS	CHECK BOX
Section 1	Cover Page & Cover Letter	x
Section 2	Company & Staff Qualifications:	x
	Attachment "K" – Licenses/Certifications	x
	Attachment "L" – Claims, Liens, Litigation History	x
	Attachment "M" – Company Organization Chart	x
	Attachment "N" – Team Organization Chart	x
	Attachment "O" – Key Personnel List	x
	Attachment "P" – List of Proposed Sub-Consultants	x
Section 3	Related Experience:	x
	Related Experience Narrative	x
	Attachment "Q" – Project References	x
Section 4	Approach to Services and Methodology	x
Section 5	Proposed Schedule & Availability	x
	Attachment "R" – Project Status Report	x
Section 6	Administrative Information – Other Required Forms:	x
	Attachment "A" – Qualifications Certification Notarized	x
	Attachment "B" – Affidavit of Solvency	x
	Attachment "C" – St. Johns County Affidavit	x
	Attachment "D" – Conflict of Interest Disclosure Form	x
	Attachment "E" – Drug-Free Workplace Form	x
	Attachment "F" – Certificates of Insurance	x
	Attachment "G" – Local Preference Form	x
	Attachment "H" – E-Verify Affidavit	x
	Attachment "I" – Sworn Statement on Public Entity Crimes	x
	Attachment "J" – Certification for Disclosure of Lobbying Activities	x
	Copies of all Acknowledged (signed) Addenda (as posted)	x

Roll

REQUEST FOR PROPOSALS
RFQ NO. 21-86

SECTION 1

RFQ Cover Page and Cover Letter




**MATTHEWS
DESIGN GROUP**

PART VIII: – ATTACHMENTS/FORMS

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

COVER PAGE

**SUBMIT ONE (1) HARD-COPY ORIGINAL PROPOSAL, AND
ONE (1) EXACT ELECTRONIC PDF COPY OF THE SUBMITTED PROPOSAL ON USB DRIVE
IN A SEALED ENVELOPE OR CONTAINER TO:**

**PURCHASING DEPARTMENT
ST. JOHNS COUNTY
500 SAN SEBASTIAN VIEW
ST. AUGUSTINE, FLORIDA 32084**

FULL LEGAL NAME OF COMPANY: Matthews Design Group, LLC

DATE: May 27, 2021

7 Waldo St., St. Augustine, FL 32084

Mailing Address (Street Address, City, State, Zip Code)

AUTHORIZED COMPANY REPRESENTATIVE

Rob A. Matthews III, PE, President

Printed Name & Title

904-826-1334

Phone Number



May 27, 2021

St. Johns County Board of County Commissioners
Attn: Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084

Dear Members of the St. Johns County Commission:

Matthews Design Group, LLC (MDG) is pleased to submit our statement of qualifications to provide professional engineering services to St. Johns County.

Established in 2005, MDG has earned a solid reputation as a local leader providing high quality, innovative engineering solutions. We are excited and committed to bring our expertise to the County for this important project.

Our firm specializes in **Site/Civil, Transportation, Planning, Landscape Architecture, Utility Infrastructure, Land Development, and Construction Administration and Inspection** services.

- » MDG is currently prequalified and certified by the Florida Department of Transportation (FDOT) in several work groups, and as a Small Business (SB) and Disadvantage Business Enterprise (DBE).
- » MDG is a Woman-Owned Business, led by our founders, Keri C. Matthews and Rob A. Matthews III, PE.
- » MDG is the largest civil engineering and engineering consulting business in St. Johns County.
- » MDG's clients include those within the commercial, institutional and municipal market sectors. Together with our clients, we have supported the growth of St. Johns County for the past 15 years.
- » Our team is comprised of local experts that include over 40 professionals, technical and support staff located in our headquarters office at 7 Waldo Street in Saint Augustine, and within our expansion office located in Jacksonville.

Experts Invested in Our Home: MDG's professionals live in St. Johns County and have an extensive resume of successfully completed projects throughout the County highlighted within this response. Our professionals are users of the developments and infrastructure we design. We are practitioners of engineering solutions fit for purpose for the unique engineering constraints present along the coast of Northeast Florida. We have assembled a project team, including our subconsultants outlined below, that is comprised of professionals who almost all exclusively live within St. Johns County. Our team has professionals who have served as a Public Works Director, as former County Planners, SJRWMD staff, FDOT staff, and professional staff that have intimate knowledge of the engineering constraints exhibited by working along the St. Johns County coastline and A1A.

- » MDG's team is committed to leveraging this expertise to the County's benefit in the innovative and cost-effective execution of this project which we will highlight throughout this response.

Committed to Collaborative Solutions and Innovation: MDG professionals have invested in relationships with key stakeholders within County Government, Florida Department of Environmental Protection (FDEP), the St. Johns County Water Management District (SJRWMD), Florida Department of Transportation (FDOT), and the United States Army Corps of Engineers (USACE). Our professional staff understand how to effectively navigate the balance of addressing stakeholder concerns and requirements with the functional engineering needs of the project/client.

- » We are committed to the successful execution of this project for the County with a focus on providing a solution that is functional for site conditions today and well into the future.
- » Mickler Road and A1A serve as an arterial corridor to one of the greatest assets of the County and region, which is our beautiful beaches, enjoyed by residents and visitors alike.

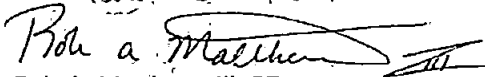
MDG's Team: Our team meets the qualification requirements for RFQ 21-86 and includes the following subconsultants; Pond & Company (POND), DRMP Inc., and Engineering Consulting Services (ECS). Together we will provide innovation rooted in our expertise in Northeast Florida and throughout the Southeastern United States.

- » **POND** will support intersection improvements, design and signal modification including traffic consulting solutions. Their traffic engineers will work in tandem with environmental permitting staff to ensuring our design and approach is achievable with each of the regulatory agencies.
- » **DRMP** will leverage their extensive surveying expertise along A1A in St. Johns County and throughout the State in the support of our right of way evaluation, execution, and adoption for the stormwater system enhancements, and roadway improvements.
- » **ECS** will support our engineering design insuring that our construction methods and plans are both constructible within the approved budgets but also resilient to the existing and changing environmental conditions along the coastline and at this location.

Together, we will prepare and provide an engineered solution that is fit for purpose today and in the future.

Respectfully,

Matthews Design Group, LLC



Rob A. Matthews III, PE

President

CC:

Gregory Kern, Chief Operating Officer
Chris Buttermore, PE, Senior Project Manager
Scott A. Knowles, PE, Senior Professional Engineer

REQUEST FOR PROPOSALS
RFQ NO. 21-86

SECTION 2

Company and Staff Qualifications




**MATTHEWS
DESIGN GROUP**

MDG QUALIFICATIONS, CAPABILITIES & CAPACITY

Technical Services & Capabilities

From concept to completion, MDG provides a wide range of professional engineering services for public agencies and municipalities, as well as private sector clients.



Engineering

- Roadway & Highway Design
- Intersection & Safety Improvements
- MOT and S&PM Plans
- Sidewalks, Bike Paths & Multiuse Trails
- Regulatory Permitting
- Land & Site Development
- Stormwater Management & Modeling
- Drainage Improvements & Design
- Utility Coordination & Design
- SWPPP & NPDES



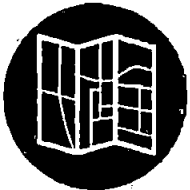
Landscape Architecture

- Landscape Design
- Streetscapes
- Site Planning
- Renderings & Construction Documents
- Mitigation Plans



Construction Administration

- Engineers Estimates
- Bidding Assistance
- Preconstruction Meetings
- Review Pay Applications
- Review & Process Shop Drawings
- Review of Construction for Compliance with Plans & Specifications
- Engineering Certificates/Final Acceptance
- Construction Management Support
- Construction Engineering Inspection, Punch List & Closeout Service



Planning

- Land Use Planning & Development
- Feasibility Studies & Highest and Best Use Analysis
- Urban Design & Redevelopment
- Due Diligence & Regulatory Analysis
- Special Uses & Variances

MDG's transportation project experience have included permit and coordination with agencies having jurisdiction such as the **Florida Department of Transportation (FDOT)**, **Federal Emergency Management Agency (FEMA)**, **U.S. Army Corp of Engineers (USACE)**, **St. Johns River Water Management District, (SJRWMD)**, **Florida Department of Environmental Protection (FDEP)** and the **Florida Fish and Wildlife Conservation Commission (FWC)**.



Qualifications per St. Johns County's Needs

MDG has worked successfully with each member of its proposed project team. The matrix below illustrates the experience of project team members relative to the scope of general engineering services covered in RFQ #21-86. Check marks indicate MDG's or a subconsultant's experience for a given service.

Professional Services for Civil Engineering St. Johns County RFQ #21-86 While each part of our MDG Team is qualified, highly experienced, and considered experts in many of the RFQ services, this matrix indicates the areas advertised, which will be provided in support of MDG. While we are only showing the areas where our subconsultants will be providing support, we do have overlapping services.	Matthews Design Group	Pond & Company	DRMP Inc.	ECS Florida
Project Management	✓			
Engineering Design Specifications	✓	✓		
Survey and Right-of-Way Acquisition			✓	
Signal Design		✓		
Intersection Layout		✓		
Traffic Study		✓		
Geotechnical				✓
Environmental		✓		
Stormwater Retention Ponds	✓			
Permitting	✓	✓		
FEMA Coordination	✓		✓	
St. Johns County Coordination	✓	✓		
FDOT Coordination	✓	✓		
Roadway	✓			
Culverts	✓			
Utility Coordination	✓	✓		
Public Outreach and Social Media	✓	✓		
Plan Reviews	✓			
Engineers Estimates of Construction	✓			
Construction Documents	✓			
Post-Design Services	✓			
Construction Phase Services	✓			
Project Close-Out	✓			



Local Preference

MDG is a locally owned and operated Women-Owned Small Business founded by Keri C. Matthews and Rob A. Matthews III., PE, in 2005. Our firm is headquartered in Historic Downtown, at 7 Waldo Street in St. Augustine, and maintains an expansion office in Jacksonville, Florida. MDG presently employs over 40 professionals, most of whom reside within St. Johns County. Our firm has maintained a focus on supporting the growth of St. Johns County by focusing our firm on the commercial, institutional and municipal market sectors.

Experts Invested in Our Home: MDG's professionals live throughout St. Johns County and have an extensive resume of successfully completed projects throughout the County highlighted throughout this response. Our professionals are users of the developments and infrastructure we design. We are practitioners of engineering solutions fit for purpose for the unique engineering constraints present along the coast of Northeast Florida. We have assembled a project team, including our subconsultants outlined below, that is comprised of professionals who almost all exclusively live within St. Johns County. Our team has professionals who have served as a Public Works Director, as former County Planners, SJRWMD staff, FDOT staff, and professional staff that have intimate knowledge of the engineering constraints exhibited by working along the St. Johns County coastline and A1A.

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- » We are committed to the successful execution of this project for the County with a focus on providing a solution that is functional for site conditions today and well into the future.
- » Micklers Road and A1A serve as an arterial corridor to one of the greatest assets of the County and region, which is our beautiful beaches, enjoyed by residents and visitors alike.

Firm Prequalifications

MDG is licensed to perform professional engineering and landscape architecture in the State of Florida and is certified with the Florida Department of State. MDG is also licensed to perform work in Georgia and South Carolina for both engineering and landscape architecture. Our firm is currently prequalified by FDOT in the following Work Groups, and is certified as a Small Business (SB) and Disadvantage Business Enterprise (DBE).

FDOT Work Group Prequalifications

- » 3.1 - Minor Highway Design
- » 3.2 - Major Highway Design
- » 7.1 - Signing, Pavement Marking and Channelization
- » 13.6 - Land Planning/Engineering
- » 15 - Landscape Architect

Certifications

- » FDOT Certified Small Business (SB)
- » Unified Certification Program (UCP) Certified Disadvantage Business Enterprise (DBE)
- » Council of Landscape Architectural Registration Boards (CLARB) Certified Landscape Architect

Recent, Current & Projected Workloads

Our team understands that this contract would require the commitment of the entire project team towards the accomplishment of the County's goals. This commitment is not taken lightly by our collection of professionals and subconsultants.

Our team will be led by **Chris Buttermore, PE**, as the Project Manager with the responsibility of managing this contract. Chris will oversee the resources needed to fulfill the requirements.



Our team has the necessary personnel available to successfully complete work order tasks within the time constraints that will be required for this contract as outlined in our technical approach.

MDG's Team

Supporting Chris will be a full-service, local team that can provide the services required to oversee the design, permitting, and construction of the Mickler Road Intersection Improvements as outlined in this RFQ 21-86. Our team will utilize their experience working with the County to ensure the approved design will meet the County standards and properly serve the public. In addition to MDG staff, our team includes the following subconsultants: POND, DRMP, and ECS.



POND is a leading design firm that has been in business for over 50 years working on a variety of projects through the design and construction phases. They seek to provide innovative solutions that are sustainable with regards to schedule budget, and long-term operation and maintenance.



DRMP has had decades of experience working in St. Johns County and is a current service provider for the County. Their local staff are committed to successful completion of all projects, and to minimizing costs and meeting all schedule and performance goals. Their firm continues to be ranked annually in Engineering News-Record's "Southeast Top Design Firms" and "Top 500 Design Firms" in the United States and remains focused on the same core principles it was founded upon - expertise, quality, leadership, trust and respect.



ECS develops tailored geotechnical exploration programs in support of each client's specific project. They know what is below the surface can be as crucial and complex as the structure it supports. The ECS team's approach to geotechnical engineering extends beyond simply providing engineering data. They educate their clients about the risks and benefits of the engineering recommendations they provide.

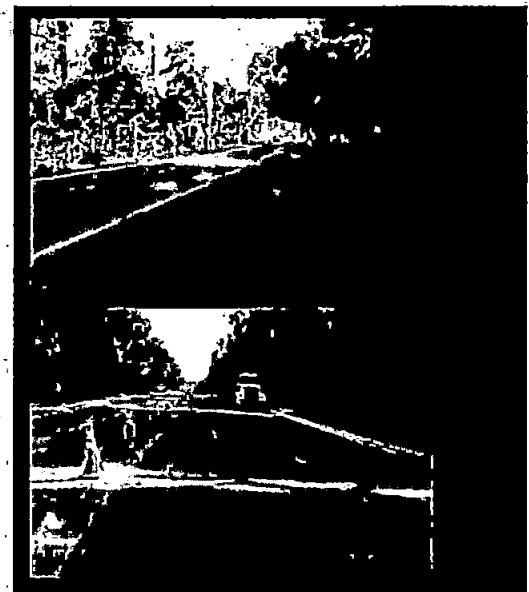
MDG's Project Approach

Analysis & Due Diligence

Once MDG receives the NTP, we will collect and analyze all necessary existing condition data in addition to those found during the preliminary data collection. These include: boundary and/or topographic survey, geotechnical data, traffic and crash data, drainage data, utility information, R/W information, and existing permit information. MDG will prepare concepts and perform an alternatives analysis, including cost analysis for review and consideration. The alternatives analysis can be presented in a formal Preliminary Engineering Report, or to save costs, be submitted in a Memorandum format with the necessary supporting exhibits and documents. Upon review by the County, our PM will meet with the County to discuss the alternatives and modify them as required.

Surveying & Mapping/SUE Services

Proper survey is always an integral part of any project. Our subconsultant partner, DRMP, is well known by many agencies that routinely performs a variety of surveys and SUE services. Accuracy and the ability to adapt to any environment are the hallmarks that have made DRMP a trusted leader in the surveying industry. As one of the largest firms in the southeast United States, they have a diverse staff of registered professionals, certified technicians and field staff with the expertise, experience and mobility to help lay the groundwork for your project. DRMP will also manage the performance of subsurface utility engineering (SUE) services for this project. Having a detailed, precise survey will allow us to accurately design all associated improvements with minimal issues arising during construction.



Agency Coordination

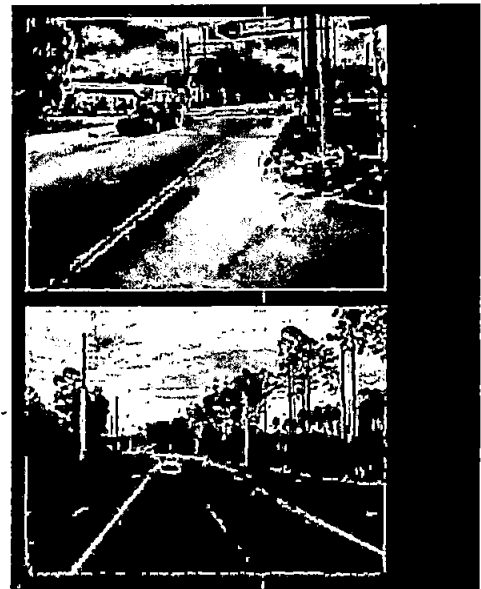
MDG has extensive experience working with local permitting agencies from small municipalities and drainage districts, to the federal government. Due to the depth of our team's staff and numerous years of experience, we feel confident that we will be able to effectively, and in a timely and cost-effective manner, secure permits. Projects can be impacted by many environmental issues including: wetlands, protected habitat, endangered and threatened species, water quality, historical and archaeological resources and contamination. With the ever-changing rules and regulations facing the industry, expertise in the area of environmental assessment and permitting is more critical than ever.

Civil Site Design & Planning

MDG has provided civil engineering expertise in the areas of site civil related planning, design, permitting, bidding and construction administration services since its inception and has built a reputation of excellence that regularly results in repeat business. We provide a comprehensive range of engineering services to our clients, assuring them that we can meet all of their needs. From the start of each project, MDG works to understand the client's goals, develop innovative solutions, and identify potential cost savings. To create the most economical plan, our Team works closely with all stakeholders to ensure there are no surprises throughout the process.

Stormwater Management & Permitting

Stormwater management engineering requires the seamless integration of site function, civil infrastructure, regulatory requirements, and client goals and objectives. To execute a project with so many moving parts requires a team of professionals who are experienced in delivering projects of varying sizes for all types of clients. We evaluate existing site conditions, including topography/pond banks, natural resources, wetlands and streams, drainage patterns, and existing or nearby utility and roadway infrastructure, so the road is contiguous with existing conditions and meets the intended use. MDG has developed innovative approaches that integrates the needs of both the private sector and the municipalities in the development of recommendations. MDG's stormwater plans are routinely approved and implemented with a minimal amount of opposition. We are able to accomplish this by including, at the early stages of a project, our clients as well as the regulatory agencies such as the local governing municipality, SJRWMD, FDEP, USACE, and others as required, to be part of the planning process and resolve any potential permitting design issues from the start of a project.



Drainage Studies & Design

Dependent upon the soil characteristics, roadway swales will be designed for proper stormwater storage, treatment, and conveyance. In some instances, roadside swales can be regraded and used as linear ponds to provide water quality treatment and attenuation; or, attenuation in roadside swales can be provided using ditch blocks or raised inlets. Regardless of the unique location challenges, our drainage engineering professionals will evaluate and design improvements as necessary to reduce flooding at each project location. MDG will manage these study/design efforts. Our objective is to create effective low maintenance drainage systems that will operate optimally with less maintenance requirements.

Utility Design & Coordination

A key aspect of a project's success requires an understanding of how existing utilities affect the design, maintenance schedule and budget. MDG will provide this critical need and conduct all utility design and coordination. All meetings and utility conflict resolution will be led by our in-house professional engineers. All utilities will be identified and mapped within the relevant project corridor. Our design will avoid utility conflicts when possible and keep any utility relocations or adjustments to a minimum. Additionally, our close relationship to many local utility agencies will expedite production of accurate data and ultimately keep the project moving forward and prevent delays. Effective utility coordination requires innovation, experience and a team approach and MDG is eager and equipped to begin.



Transportation/Roadway Design Services

With a focus on safety, maintainability and efficiency, MDG's engineers and technicians work smart to improve transportation facilities and overall quality of life. MDG's specialized services allow us to assist private and public agencies make the best use of community growth while balancing the needs of future transportation for local streets and highways that meet local, state, and federal guidelines. Our associates have gained expertise while working on roadway projects ranging from small scale, local roadways and driveways to large scale design-build interchange project. MDG provides economical and long-lasting solutions to transportation infrastructure and mobility challenges. Our extensive experience in roadway design and maintenance projects have ranged from smaller, single driveway connections to miles of new roadway design. From our numerous past roadway projects that have been designed, permitted, and constructed, MDG has developed an efficient, cost-effective method for taking a conceptual roadway plan and making it a reality.

Traffic Design & Studies

Our subconsultant Pond has experience delivering traffic operations studies and is composed of staff with many years of experience delivering both large and small-scale traffic engineering studies and extensive experience in traffic/transportation studies as well as in planning and final engineering design of major/minor roadway facilities.

Signing & Pavement Markings (S&PM)

MDG has extensive experience in the development of S&PM plans in conjunction with our Roadway Construction Plans and in meeting all requirements set forth by City and County Code, MUTCD, and FDOT. Highways and any driveways or intersecting roadways along project corridors will be properly signed and striped to ensure traffic safety. Any new roadway widening or turn lanes are signed and marked in accordance to all current standards.

Signalization

Signalization analysis and design services will be provided by Pond. Pond has vast experience in the field of traffic engineering and design. Our portfolio includes traffic analysis and operations, including technical knowledge in traffic signal and intelligent transportation systems (ITS) design. We have worked on a variety of traffic signal projects, including complex temporary traffic signal designs, traffic signal modifications/upgrades due to roadway intersection improvements, and numerous new traffic signal installations. We have designed various pedestrian safety projects including mid-block crossings with either pedestrian hybrid beacon (PHB) or rectangular rapid flashing beacon (RRFB) control. Our designs explore and incorporate innovative technology in the industry including creative detection methods such as thermal, radar, and wireless infrared bollard activation. Our staff has worked through intricate challenges with utilities and physical and right-of-way constraints – we always focus on the most effective alternative. Other capabilities include ITS design inclusive of ramp meters and CCTV systems to various signal communication designs with cellular, radio, or fiber optic communications. Our staff is well trained and versed in the latest technologies and applications around our industry.

Bid Package Preparation & Assistance

Once final plans and specifications have been accepted by the County and all necessary permits have been issued, MDG will develop the necessary bid documents for bidding the construction of the project. This includes preparing the design drawings, specifications and editing the front end documents to specifically reflect the scope of work to be performed by the contractor. We will lend our continued support to the County throughout the bidding and selection process.

Construction Phase Services, Administration & Project Close-Out

MDG provides construction administration and construction phase services for all types of infrastructure projects. Our team of engineers, subconsultant partners and project administrators routinely help clients successfully administer and control construction. After construction is complete, we will continue to assist the County in all project close-out procedures. Close-out tasks include, but are not limited to, project inspections, as-built approvals, and completions of all permits and certifications.



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "K"

LICENSES, PERMITS, CERTIFICATIONS

In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.

License(s)/Certificate(s)/ Pre-Qualifications	License #	Issuing Agency	Expiration Date
State of Florida PE License	CA26535	FBPE	2/28/23
State of FL PE License	PE58425	FBPE	2/28/23
State of FL PE License	PE58541	FBPE	2/28/23
State of FL PE License	PE55391	FBPE	2/28/23
State of FL PE License	PE731555	FBPE	2/23/23
State of FL PE License	PE78811	FBPE	2/28/23
State of FL PE License	PE86021	FBPE	2/28/23
State of FL PE License	PE52405	FBPE	2/28/23
State of FL PE License	PE41890	FBPE	2/28/23
State of FL PE License	PE57676	FBPE	2/28/23
State of FL PE License	PE91215	FBPE	2/28/23
State of FL PE License	PE36843	FBPE	2/28/23
State of FL PE License	PE40119	FBPE	2/28/23
State of FL PE License	PE78263	FBPE	2/28/23
State of FL PE License	PE79645	FBPE	2/28/23
State of FL PE License	PE58770	FBPE	2/28/23



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "K"

LICENSES, PERMITS, CERTIFICATIONS

In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

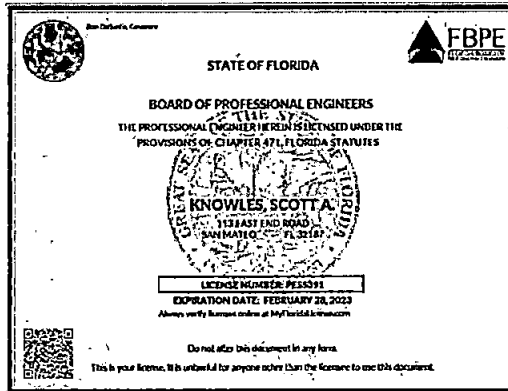
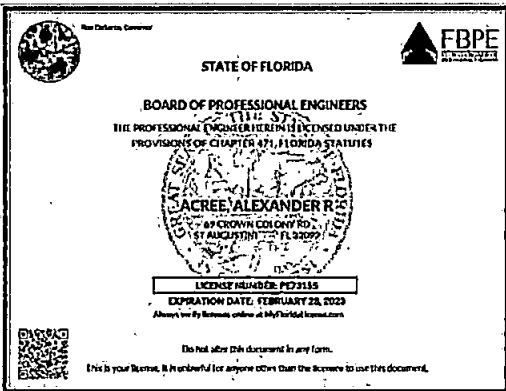
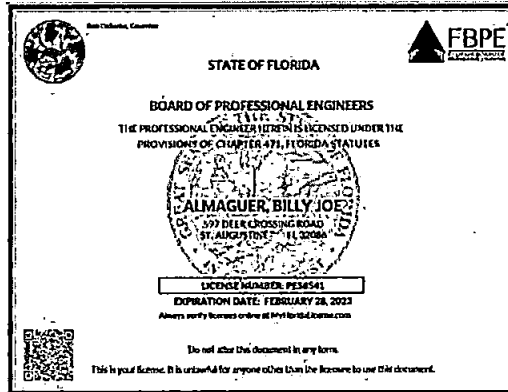
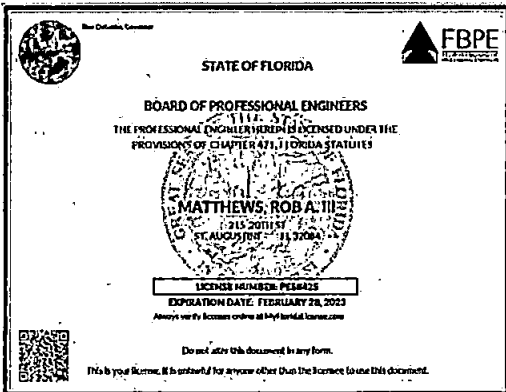
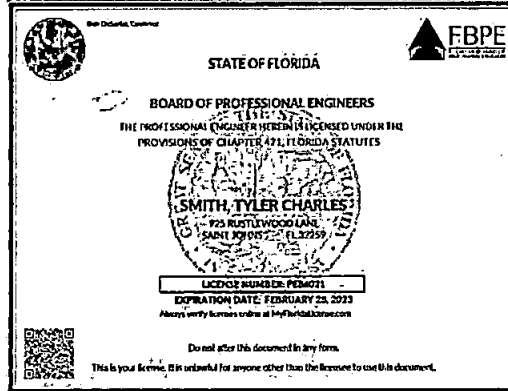
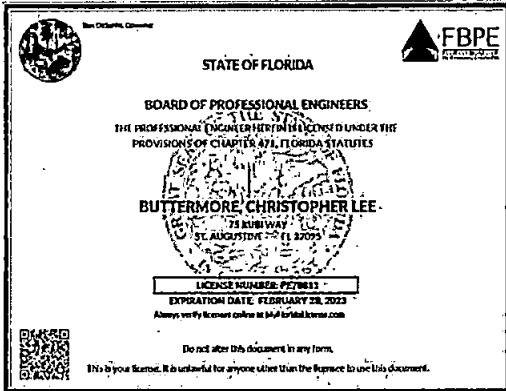
Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.


License(s)/Certificate(s)/ Pre-Qualifications	License #	Issuing Agency	Expiration Date
AICP	29680	AICP	
LEED AP		Green Building Cert. Institute	
Stormwater Inspector	33729	FDEP	
Stormwater Inspector	423	FDEP	
Stormwater Inspector	5574	FDEP	
ArcGIS I		ESRI	
FL Surveyor & Mapper	LS6600	FL Dept. of Agriculture & Consumer Services	2/23/23
FL Surveyor & Mapper	LS5977	FL Dept. of Agriculture & Consumer Services	2/23/23
FL Surveyor & Mapper	LS6741	FL Dept. of Agriculture & Consumer Services	2/28/23
Certified Survey Tech II	0912-4528		



MDG Key Staff Licenses and Certifications

Licensee		Name: MATTHEWS DESIGN GROUP, LLC		License Number: 26535		
Rank:	Registry	Primary Status: Current		License Expiration Date:		
				Original License Date: 08/22/2005		
Related License Information						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
58425	Current, Active	MATTHEWS, ROB A III	Registry	08/22/2005	Professional Engineer	02/28/2023





The undersigned hereby certifies:

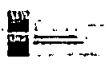
Shannon Acevedo, AICP

is a licensed member of the Institute of Certified Planners and is a member in the AICP Code of Ethics and Professional Conduct.

Licensed Planner Number: 2940

Shannon Acevedo
Shannon Acevedo, AICP
Executive Director

Charles L. ...
Charles L. ...
President




State of Florida Department of State

I certify from the records of this office that **MATTHEWS DESIGN GROUP, LLC** is a limited liability company organized under the laws of the State of Florida, filed on September 27, 2018, effective June 9, 2005.

The document number of this limited liability company is **L18060228783**.

I further certify that said limited liability company has paid all fees due this office through December 31, 2021 and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-seventh day of January, 2021.




Ronald R. ...
Secretary of State

Tracking Number: 2991133138CC

To authenticate this certificate and the following signature this number, and then follow the instructions displayed.

Applicator has made a copy. Certificate is Online Certificate Authentication



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Scott Knowles



**QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR**



The undersigned hereby acknowledges that

Scott A. Knowles

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection, Stormwater, Erosion, and Sedimentation Control Inspector Training Program.

Scott A. Knowles

September 16, 2021
Inspector # 8374

Hal Sanford
Hal Sanford
Inspector Number 33729

**QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR**

The undersigned hereby acknowledges that

Chris J. Buffermore

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection, Stormwater Erosion and Sedimentation Control Inspector Training Program.

Chris J. Buffermore

September 17, 2019
Inspector Number 33729



Subconsultant Licenses and Certifications

State of Florida Professional Engineer License for Egan, Christopher Michael

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

EGAN, CHRISTOPHER MICHAEL
2177 FROST STREET
JACKSONVILLE, FL 32206

LICENSE NUMBER: PE27945
EXPIRATION DATE: FEBRUARY 28, 2023
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State of Florida Professional Engineer License for Spangler, David Wesley

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS
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SPANGLER, DAVID WESLEY
11554 DAVIS CIRCLE COURT
JACKSONVILLE, FL 32256

LICENSE NUMBER: PE54770
EXPIRATION DATE: FEBRUARY 28, 2023
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State of Florida Professional Engineer License for Finley, Michael David

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS
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FINLEY, MICHAEL DAVID
768 WINDLEY CEN
LAKE CITY, FL 32809

LICENSE NUMBER: PE40119
EXPIRATION DATE: FEBRUARY 28, 2023
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State of Florida Professional Engineer License for Duncan, Joey Van

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS
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DUNCAN, JOEY VAN
114 COASTAL OAK CIRCLE
PONTE VEDRA BEACH, FL 32082-9002

LICENSE NUMBER: PE41870
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State of Florida Professional Engineer License for Fangmann, Richard B.

STATE OF FLORIDA

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FANGMANN, RICHARD B.
2321 LAURA COURT
SHELBYVILLE, GA 30069

LICENSE NUMBER: PE27843
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State of Florida Professional Engineer License for Phillips, Justin R.

STATE OF FLORIDA

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PHILLIPS, JUSTIN R.
2011 BLAIR DR
PALATKA, FL 32917

LICENSE NUMBER: PE31213
EXPIRATION DATE: FEBRUARY 28, 2023
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State of Florida Professional Engineer License for Sickler, Nina Chou

STATE OF FLORIDA

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SICKLER, NINA CHOU
264 UNIVERSITY BLVD
JACKSONVILLE, FL 32221

LICENSE NUMBER: PE32405
EXPIRATION DATE: FEBRUARY 28, 2023
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State of Florida Professional Engineer License for Carlton, Tabatha Lynn

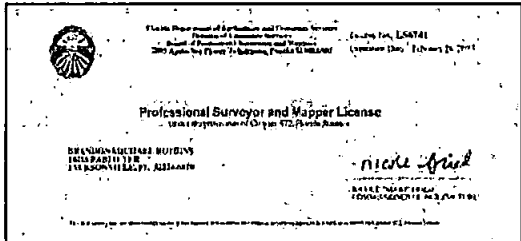
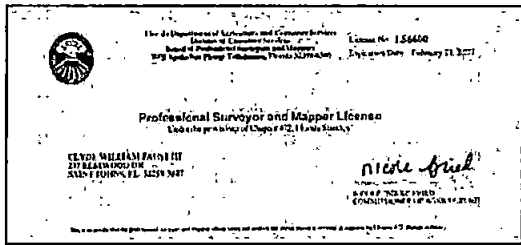
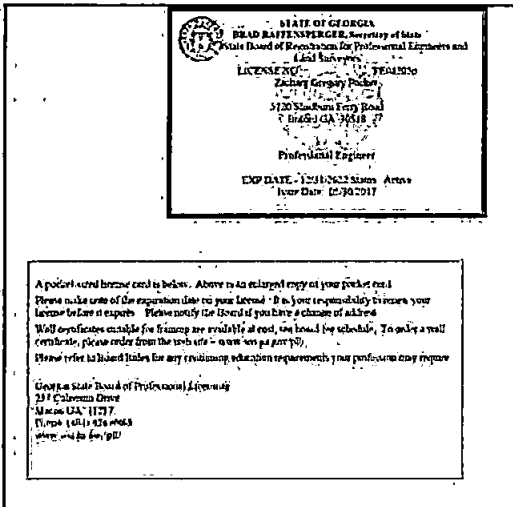
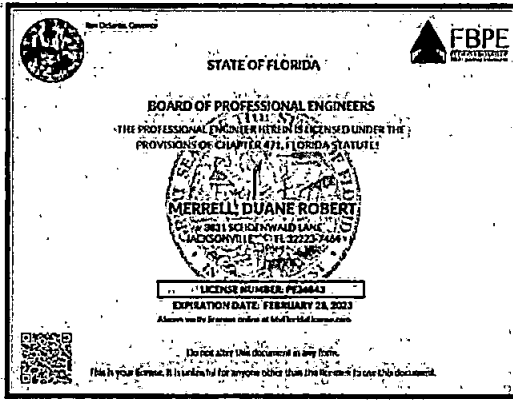
STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CARLTON, TABATHA LYNN
14770 CORAL BERRY DRIVE
TAMPA, FL 33630

LICENSE NUMBER: PE37476
EXPIRATION DATE: FEBRUARY 28, 2023
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REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "L"

CLAIMS, LIENS, LITIGATION HISTORY (Complete and Submit)

- 1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes No X If yes, please attach additional sheet(s) to include:

Description of every action Captions of the Litigation or Arbitration

Amount at issue: Name (s) of the attorneys representing all parties:

Amount actually recovered, if any:

Name(s) of the project owner(s)/manager(s) to include address and phone number:

- 2. List all pending litigation and or arbitration. N/A
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc. N/A
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien. N/A

- 5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job? Yes No X If yes, please explain in detail:

- 6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes No X If no, please explain why?

- 7. List the status of all pending claims currently filed against your company: N/A

Liquidated Damages

- 1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes No X If yes, please explain in detail:

(Use additional or supplemental pages as needed)



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86: SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "M"

COMPANY ORGANIZATION CHART

(Attach or insert copy here)



CHIEF EXECUTIVE OFFICER

Keri Matthews



PRESIDENT

Rob A. Matthews III, PE



CHIEF OPERATING OFFICER

Gregory Kern



CHIEF GROWTH OFFICER

Billy Almaguer, PE

PRODUCTION

LAND DEVELOPMENT

Alex Acree, PE
LAND DEVELOPMENT LEAD
 Fred Rudd Jones, Jr, PE
SR. PROJECT MANAGER
 Pete Tisdale, EI
PROJECT ENGINEER
 Ivan Lamoš, EI
PROJECT ENGINEER
 Branden Marcinell, EI
PROJECT ENGINEER
 Dylan Scanlon, EI
PROJECT ENGINEER
 Tom Bartlett, EI
PROJECT ENGINEER

ROADWAY DESIGN

Chris Buttermore, PE
SR. PROJECT MANAGER
 Tyler Smith, PE
SR. PROFESSIONAL ENGINEER
 Adriana Salinas-Diaz, EI
PROJECT ENGINEER

DESIGN SUPPORT

Scott Knowles, PE
SR. PROFESSIONAL ENGINEER

CONSTRUCTION ADMIN

Justin Scarberry
SR. CONSTRUCTION INSPECTOR

CAD DESIGNERS

Nicholas Hisey
 Gary Osgood
 Conar Piermarini
 Tyler Conklin
 Michael Sommers
 Craig Hillyard

Michael Brynildsen
 Darin Mullen
 Matthew Maphis
 Kevin Baker
 Alex Marty
 Travis Fiocco

LANDSCAPE ARCHITECTURE

Matthew Jurney, PLA
DIRECTOR OF LANDSCAPE ARCHITECTURE
 Eric Lanéhart, RLA
SR. LANDSCAPE ARCHITECT

PLANNING

Shannon Acevedo, AICP
SR. PLANNER
 Max Garcia
JR. PLANNER

SUPPORT SERVICES

ACCOUNTING

Karen Darling
CONTROLLER
 Danielle Szalkowski
ACCOUNTING / HR

PROJECT COORDINATION

Rachel Washington
PROJECT AND MARKETING SUPPORT
 Sharla Remick
PROJECT COORDINATOR / IT
 Michelle Jenschak
PROJECT COORDINATOR / ACCOUNTING
 Charles Adams
OFFICE AND PROJECT SUPPORT

BRANDING & CULTURE

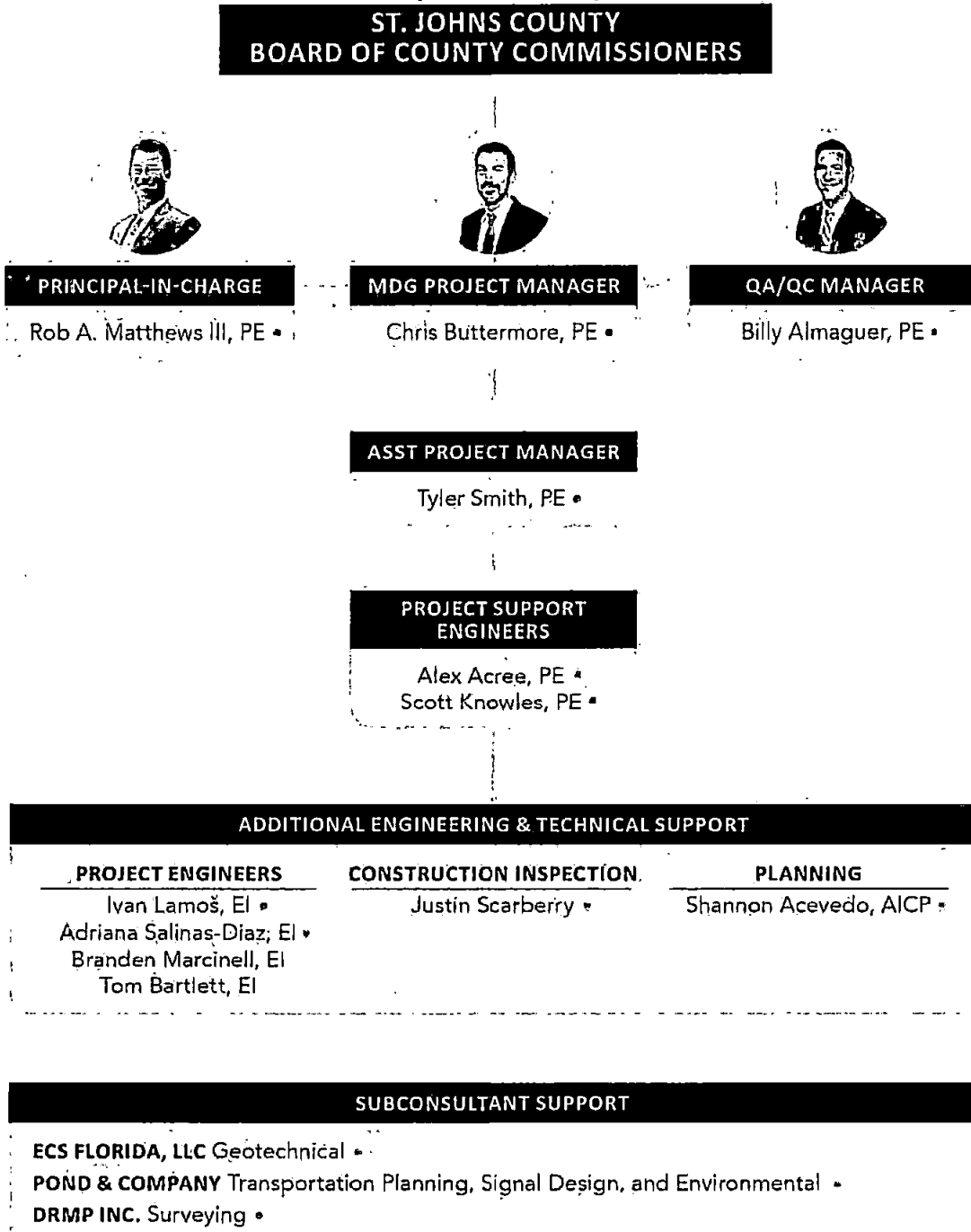
Kristy Buttermore
SR. GRAPHIC DESIGNER



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "N"

TEAM ORGANIZATION CHART
(Attach or insert copy here)



• KEY STAFF RESUMÉS INCLUDED

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "O"

KEY PERSONNEL LIST

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below.

Employee Name	Employee Title	# Years Employed	Total # Yrs. Experience
Rob A. Matthews III, PE	Principal-in-Charge	15	24
Billy Almaguer, PE	QA/QC Manager	4	22
Chris Buttermore, PE	Transportation Lead/Proposed Project Manager	6	16
Alex Acree, PE	Land Development Lead	5	17
Scott Knowles, PE, LEED AP	Sr. Professional Engineer/Utility Coordinator	14	26
Tyler Smith, PE	Sr. Professional Engineer	3	10
Shannon Acevedo, AICP	Sr. Planner	3	19
Justin Scarberry	Sr. Inspector	>1	14
Ivan Lamos, EI	Junior Inspector	>1	7
Adriana Salinas-Diaz	Transportation Engineering Intern	>1	>1
Nina Sickler, PE	QA/QC	5*	29
Joey Duncan, PE	Constructibility Review & Public Outreach	3	39
Tabatha Carlton, PE	Sr. Transportation Engineer	6	28
Justin Philips, PE	Transportation Engineer	7	6

*denotes staff employed at Landmark, Inc. which was acquired by Pond & Company in 2016



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "O"

KEY PERSONNEL LIST CONTINUED

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below.

Employee Name¹	Employee Title	# Years Employed	Total # Yrs. Experience
Duane Merrell, PE	Sr. Structural Engineer	5*	40
David Finley, PE	Sr. Structural Engineer	5*	37
Michael Savage	Environmental	2	17
Kalli Stevens	Environmental	4	8
Richard Fangmann, PE, PTOE	Director of Traffic Engineering	11	28
Zack Puckett, PE, IMSA II	Traffic Engineer	9	9
Chris Egan, PE	Geotechnical Department Manager	10	10
David Spangler, PE	Subsidiary Director of Geotechnical Services	14	23
Bill Faust, III, PSM	Jacksonville Regional Manager	32	8
Ryan Grab, CST II	Subsurface Utility Engineering Manager	22	10
Glenn Lusink, PSM	QA/QC Manager	37	32
Brandon Robbins, PSM	ROW Mapping Manager	20	3

*denotes staff employed at Landmark, Inc. which was acquired by Pond & Company in 2016





Chris Buttermore, PE, Proposed Project Manager

TRANSPORTATION LEAD

Chris Buttermore brings extensive design experience on both public and private sector civil engineering projects. His relevant civil engineering experience includes site planning and land development, design for stormwater management facilities, water and wastewater facilities, utilities and utility coordination, internal roadway, parking lot and sidewalk and trail design services for a variety of residential, commercial, and industrial projects as well as for a variety of government agencies and municipalities. He has worked on a wide variety of roadway design projects for a number of clients, primarily FDOT and municipalities. Chris' experience includes working as a project manager, roadway engineer, MOT engineer, and S&PM engineer. During this time, he has gained in-depth knowledge and management skills on roadway transportation systems while designing roadway projects ranging from small-scale local roadways to resurfacing, restoration and rehabilitation (3R) projects, to large-scale design-build interchange projects. His extensive range of project management skills and diverse background in a number of transportation related disciplines have included controlled access highway design, channelization, temporary traffic control plans, design of ADA compliant curb ramps, multiuse paths/trails, sidewalks and pedestrian facilities. He is well versed in CADD, ICPR and storm drainage software, and completed various calculations and documentation required for highway design projects. He has firsthand experience with FDOT protocols, design criteria, digital/electronic delivery process and filing conventions that facilitate permit and final project approval.

EDUCATION/TRAINING

- BS Civil Engineering
Pennsylvania State University,
2006

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer: Florida, 2015; Pennsylvania, 2011
- Certified FDEP Stormwater, Erosion and Sedimentation Control Inspector
- Advanced Maintenance of Traffic
- FDOT Final Estimates Level 1
- FDOT Earthworks Levels 1 & 2
- FDOT Asphalt Paving Levels 1 & 2

PROFESSIONAL AFFILIATIONS

- UNF Construction Management Advisory Board
- American Council of Engineering Companies
- Florida Engineering Society
- American Society of Highway Engineers
- American Public Works Association
- Leadership St. Johns

YEARS OF EXPERIENCE

- 16 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Longleaf Pine Parkway Widening (CR 244) | St. Johns County | Sr. Project Manager. MDG is providing design and permitting of the Longleaf Pine Parkway (CR 244) widening. The intent of the project is to accommodate widening from a two-lane roadway to a four-lane roadway with grassed median by adding an inside lane to the east and west bound lanes. The proposed road widening would occur from Tollerton Avenue to Veterans Parkway (CR 223) for 0.63 miles. MDG is preparing the roadway layout of the proposed widening that includes the necessary striping and turn lane modifications. Construction Plans depict limits of land clearing and tree removal, demolition, site grading and earthwork, stormwater drainage systems, paving, and utilities. The existing stormwater management facilities and onsite conveyance will be analyzed and modified as necessary to account for the additional impervious area associated with the widening efforts.

Veterans Parkway Widening (Stillwater) | St. Johns County | Sr. Project Manager. MDG is providing professional engineering and landscape architectural and irrigation services for the design and permitting of the offsite improvements associated with the Stillwater subdivision. The offsite improvements included the widening of Veterans Pkwy. (CR 223) north of Longleaf Pine Pkwy. (CR 244). The intent of the project is to design the inner two lanes with grassed median to major collector roadway specifications, completing the full build-out for the four lane section from Longleaf Pine Pkwy. to Racetrack Rd. The proposed roadway widening will be 1.05 miles (5,500').

Veterans Parkway Extension (Stillwater) | St. Johns County | Sr. Project Manager. MDG is providing professional engineering and landscape architectural and irrigation services for the design and permitting of the offsite improvements associated with the Stillwater subdivision. The offsite improvements included the extension of Veterans Pkwy. The intent of the project is to design the outer two



lanes with grassed median to major collector roadway specifications. The proposed roadway will extend from the ICI Land-Middlebourne Development driveway to the Stillwater entrance for 0.80 miles (4,200') and located within the Stillwater Master Development Plan (MDP).

Veterans Parkway Extension (Middleborne) | St. Johns County | Sr. Project Manager. MDG is providing professional engineering services for the design and permitting of the offsite improvements associated with Middleborne subdivision. The offsite improvements included the extension of Veterans Pkwy. The intent of the project is to design the outer two lanes with grassed median to major collector roadway specifications. The proposed roadway will extend from Longleaf Pine Pkwy. (CR 244) to the southern entrance to ICI Land-Middlebourne Development for 0.28 miles (1,460') and located within the ICI Land-MDP.

Amazon Distribution Center Roadway Improvements | City of Jacksonville | Sr. Project Manager. Served as the offsite improvements subconsultant for the Amazon Distribution Center located in Jacksonville, FL. Responsibilities included numerous roadway improvements to Pecan Park Rd., Duval Rd. (SR 243), and the I-295 offramp onto Duval Rd. Improvements to Pecan Park Rd. required a complete vertical and horizontal realignment of 0.5 miles of roadway. Design included pavement design, drainage design, S&PM, and MOT plans.

Lents Road Widening | Nassau County | Sr. Project Manager. Lead designer and engineer for the paving of Lents Rd. in Nassau County. Project scope included the widening and paving of 0.4 miles of existing dirt road. Lents Rd. design included pavement and roadway design from dirt to pavement, drainage modeling and design, utility design, S&PM, intersection upgrades, sidewalk improvements, ADA improvements and permitting. Drainage design required the evaluation and modification to existing swales adjacent to one section of the roadway, and new swales and drainage structures at other sections of the roadway, which provided one complete and cohesive stormwater conveyance system.

Colbert Lane & Grady Prather Jr. Cove Roadway Improvements | City of Palm Coast | Sr. Project Manager. MDG provided engineering design and permitting for the resurfacing design for Colbert Lane between Palm Coast Pkwy. to SR 100 for a distance of 7.1 miles, and 1.2 miles of resurfacing and shoulder improvements for Grady Prather Jr. Cove. Key project elements included roadway and drainage design, MOT, S&PM to MUTCD standards, pedestrian safety features, sidewalks, driveway connections and permitting. Additional pavement markings were proposed at specific intersections to improve traffic flow and motorist awareness. During the design phase of the project, we observed severe shoulder deterioration and sidewalk failures on Grady Prather Jr. Cove. Recommendations were made for concrete replacement and stability improvements to both the sidewalk and existing shoulder. The Graham Swamp parking lot impacted this project and pipe cover issues were identified, which would potentially weaken the pipe, under the gravel driveway to Grady Prather Jr. Cove. At the 60% design phase, the County determined that the gravel material was less desirable and added scope to the MDG contract for the design of a full access driveway connection to the parking lot.

St. Johns Avenue Resurfacing | Putnam County | Sr. Project Manager. St. Johns Ave. is a highly traveled roadway, serving multiple medical offices, retirement facilities, and a college. The heavy wear, high groundwater conditions, and damage from installation and service of utilities had severely degraded the quality of the roadway. MDG provided design plans for repairing and resurfacing St. Johns Ave. from SR 19 to Zeagler Dr. using an FDOT Small County Outreach Program (SCOP) Grant for funding. The project included roadway and drainage design, milling and resurfacing, pavement leveling, repaving, S&PM, MOT, utility coordination and signalization. Critical to this design was the MOT due to the high volume, and the need to maintain accessibility to business and for emergency vehicles.

Masters Drive Water and Sewer Line Improvements | St. Johns County | Project Engineer. Due to several areas of poor drainage along Masters Drive, MDG was contracted to provide engineering services to replace approximately 4,300 linear feet of 10-inch water line and complete an asset inventory and assessment of an adjacent 8-inch wastewater line. The sewer line, previously relined, required replacement taps to individual service locations. To avoid duplicating mobilization efforts, MDG incorporated these sewer connections into the water line replacement project. Key project elements included roadway design, utilities coordination and design, conceptual plans, production of construction plans, permitting and construction administration.





Tyler Smith, PE

SENIOR PROFESSIONAL ENGINEER

Tyler Smith has seven years of transportation engineering design experience working in conjunction with various state Departments of Transportation. During his career, Tyler has specialized in designing roadway and transportation systems which have included widening, resurfacing, interchanges, intersections, signing and pavement markings, and ADA compliant sidewalks. Tyler developed indispensable engineering knowledge while working on projects ranging from small driveway projects to large design-build interchange projects. His experience has also involved land development, county roadways, drainage design, and roundabouts. Tyler's mastery in the use of design software programs such as AutoCAD Civil 3D modeling, AutoTurn, and GuideSign make him an asset to any engineering design team.

EDUCATION/TRAINING

- BS Civil Engineering, Pennsylvania State University, 2012

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer: FL, 2018; PA, 2018

YEARS OF EXPERIENCE

- 8 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Longleaf Pine Parkway Widening (CR 244) | St. Johns County | Project Engineer. MDG is providing design and permitting of the Longleaf Pine Parkway (CR 244) widening. The intent of the project is to accommodate widening from a two-lane roadway to a four-lane roadway with grassed median by adding an inside lane to the east and west bound lanes. The proposed road widening would occur from Tollerton Avenue to Veterans Parkway (CR 223) for 0.63 miles located in St. Johns County, Florida. MDG is preparing the roadway layout of the proposed widening that includes the necessary striping and turn lane modifications. Construction Plans depict limits of land clearing and tree removal, demolition, site grading and earthwork, stormwater drainage systems, paving, and utilities. The existing stormwater management facilities and onsite conveyance will be analyzed and modified as necessary to account for the additional impervious area associated with the widening efforts.

Veterans Parkway Widening (Stillwater) | St. Johns County | Project Engineer. MDG is providing professional engineering and landscape architectural and irrigation services for the design and permitting of the offsite improvements associated with the Stillwater subdivision. The offsite improvements included the widening of Veterans Pkwy. (CR 223) north of Longleaf Pine Pkwy. (CR 244). The intent of the project is to design the inner two lanes with grassed median to major collector roadway specifications, completing the full build-out for the four lane section from Longleaf Pine Pkwy. to Racetrack Rd. The proposed roadway widening will be approx. 1.05 miles (5,500').

Veterans Parkway Extension (Stillwater) | St. Johns County | Project Engineer. MDG is providing professional engineering and landscape architectural and irrigation services for the design and permitting of the offsite improvements associated with the Stillwater subdivision. The offsite improvements included the extension of Veterans Pkwy. The intent of the project is to design the outer two lanes with grassed median to major collector roadway specifications. The proposed roadway will extend from the ICI Land-Middlebourne Development driveway to the Stillwater entrance for 0.80 miles (4,200') and located within the Stillwater Master Development Plan (MDP).

Veterans Parkway Extension (Middleborne) | St. Johns County | Project Engineer. MDG is providing professional engineering services for the design and permitting of the offsite improvements associated with Middleborne subdivision. The offsite improvements included the extension of Veterans Pkwy. The intent

of the project is to design the outer two lanes with grassed median to major collector roadway specifications. The proposed roadway will extend from Longleaf Pine Pkwy. (CR 244) to the southern entrance to ICI Land-Middlebourne Development for 0.28 miles (1,460') and located within the ICI Land-MDP.

St. Johns Avenue Resurfacing | Putnam County | Project Engineer. St. Johns Ave. is a highly traveled roadway, serving multiple medical offices, retirement facilities, and a college. The heavy wear, high groundwater conditions, and damage from installation and service of utilities had severely degraded the quality of the roadway. MDG provided design plans for repairing and resurfacing St. Johns Ave. from SR 19 to Zeagler Dr. using an FDOT Small County Outreach Program (SCOP) Grant for funding. The project included roadway and drainage design, milling and resurfacing, pavement leveling, repaving, S&PM, MOT, utility coordination and signalization. Critical to this design was the MOT due to the high volume, and the need to maintain accessibility to business and for emergency vehicles. Due to this, night paving was required through much of the project.

St. Johns Avenue Bike Path/Trail | Putnam County | Project Engineer. This LAP project is for the design of a one-mile, multi-use trail along St. Johns Avenue from Francis Sport Complex to SR 19 in Putnam County, Florida. The scope of this project included surveying, environmental characterization, landscape design, trail alignment, pavement design, drainage design, maintenance of traffic, signing and pavement markings, and bid package preparation/assistance and permitting.

Rock Springs Subdivision | St. Johns County | Project Engineer. MDG is providing planning and engineering services for the new Rock Springs Subdivision PUD located off US 1, south of SR 206 in St. Johns County. A previous site plan was prepared by another engineering company and due to stormwater compensation storage deficiencies, MDG was retained to modify the site plans. MDG reviewed and modified the current concept plan and coordinated with the client representative to modify the PUD based on the proposed new concept plan and provided a Master Development Plan. The site also requires right and left turn lanes within the US 1 right-of-way. Services provided include drainage analysis, rezoning assistance, and the preparation of construction plans to include land clearing and tree removal, site grading and earthwork, stormwater drainage systems, paving, drainage plans, water and sewer utility plans, off-site utilities design, landscape and irrigation design, construction administration and permitting with the County, SJRWMD, FDEP and FDOT.





Adriana Salinas-Diaz

TRANSPORTATION ENGINEERING INTERN

Adriana Salinas-Diaz recently graduated from University of North Florida as a first-generation student. She brings experience in transportation engineering through her past internship and has served as an executive member for American Society for Health Care Engineering (ASHE). Adriana is experienced in highway widening, FDOT standards, QA/QC processing, Intersection Control Evaluation (ICE) reporting, and traffic analysis on Synchro.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

CR223 & CR210 Improvements | St. Johns County | Engineering Intern. This project includes the widening of Veterans Parkway from two lanes to four lanes from Longleaf Pine Parkway south to Stillwater Parkway, construction of the full four lane extension of Veterans Parkway from Stillwater Parkway down to CR 210, and all improvements required at the intersection of CR 223 and CR 210. Also included in the scope of work is landscape design, permitting, and construction administration. All in all there will be over three miles of roadway improvements and motorists will have a vital north/south link between CR 210 and Longleaf Parkway.

Commercial Driveway on SR 20 | Putnam County | Engineering Intern. MDG is providing professional engineering services for the design and permitting of a new commercial driveway on SR 20 in Interlachen, Florida. MDG will prepare construction plans to depict limits of land clearing, demolition, driveway grading and earthwork, stormwater drainage systems, and paving. Plans will detail the construction work to be completed by the selected contractor, including details and specifications in conformance with FDOT. A FDOT Access and Drainage permit will be obtained.

Mill Creek Academy Driveway Revision | St. Johns County | Engineering Intern. MDG is providing professional engineering services for the main driveway access revisions and internal circulation review. An updated site access plan will be provided for the main driveway connection. The site plan will depict the location and proposed ingress/egress lanes with associated striping and fencing. The necessary geometry layout and grading associated with the access revisions as well as the onsite right turn lane addition will also be provided. MDG will provide an onsite circulation analysis of the Parent/Bus pickup and drop-off areas, and prepare a concept layout identifying potential site revisions to increase efficiencies onsite. An evaluation of the existing stormwater management system will be performed, and the necessary revisions to accommodate the proposed onsite right-turn lane will be made. MDG will prepare the necessary stormwater flood routing calculations and modeling sufficient for permitting with SJRWMD.

Longleaf Pine Parkway Widening (CR 244) | St. Johns County | Engineering Intern. MDG is providing design and permitting of the Longleaf Pine Parkway (CR 244) widening. The intent of the project is to accommodate widening from a two-lane roadway to a four-lane roadway with grassed median by adding an inside lane to the east and west bound lanes. The proposed road widening would occur from Tollerton Avenue to Veterans Parkway (CR 223) for 0.63 miles located in St. Johns County, Florida. MDG is preparing the roadway layout of the proposed widening that includes the necessary striping and turn lane modifications. Construction Plans depict limits of land clearing and tree removal, demolition, site grading and earthwork, stormwater drainage systems, paving, and utilities. The existing stormwater management facilities and onsite conveyance will be analyzed and modified as necessary to account for the additional impervious area associated with the widening efforts.

EDUCATION/TRAINING

- BS Civil Engineering, University of North Florida (ABET Accredited), 2021

YEARS OF EXPERIENCE

- >1 years





Rob A. Matthews III, PE, President
PRINCIPAL-IN-CHARGE

Rob Matthews has many years of experience in all phases of land development, minor roadway engineering, and environmental regulatory permitting. Rob has been involved with thousands of projects over the past 15 years with MDG and previous eight years working for other companies. He has provided technical guidance and regulatory compliance for CDBG work, roadway projects, and all phases of site/land development engineering and environmental and regulatory permitting. His expertise includes utility infrastructure design; stormwater modeling and master planning; roadway design; environmental impact studies and mitigation; planning, managing, designing, and inspecting land development and municipal civil engineering projects; site development; and all aspects of permitting and rezoning requirements for the successful completion of projects.

As president of MDG, Rob is responsible for resource allocation and schedule commitments. He closely monitors projects and coordinates with client project managers and MDG project managers to ensure project efforts stay on schedule, and project plans and documents provided are accurate and prepared to the client's satisfaction.

EDUCATION/TRAINING

- MS Civil Engineering
Clemson University, 2001
- BS Civil Engineering
Clemson University, 1995

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer: Florida, 2002; South Carolina, 2002
- FDEP Stormwater, Erosion and Sedimentation Control Inspector

PROFESSIONAL AFFILIATIONS

- St. Johns County Economic Development Executive Council, Past Chair
- St. Johns County Chamber of Commerce, Past Chairman
- Board of Directors - The Arc of the St. Johns
- Board of Directors - Flagler Hospital
- UNF Engineering Advisory Board
- Advisory Board - Creekside High School Engineering Academy
- Gator Bowl Committee, Member
- American Public Works Association (APWA)
- Florida Engineering Society
- American Society of Highway Engineers

HONORS AND AWARDS

- Jacksonville Business Journal
- "40 under 40" - 2012

YEARS OF EXPERIENCE

- 24 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

West Augustine Improvements, CDBG | St. Johns County | Principal-in-Charge. This goal of this CDBG funded project was for the replacement of drainage structures to address recurring flooding issues within the West Augustine watershed area in St. Johns County, Florida. MDG provided the County with engineering design services including stormwater master planning, drainage improvements, SWPPP, maintenance of traffic plans, permitting with SJRWMD and County, grant application administration, landscape architecture, construction administration and bidding documents and support.

Lents Road Improvements | Nassau County | Principal-in-Charge. MDG served as the lead designer and engineer for the paving of Lents Road in Nassau County. Project scope included the widening and paving of 0.4 miles of existing dirt road. Scope included pavement design, roadway design from dirt to pavement, and drainage modeling and design, utility design, S&PM, intersection upgrades, sidewalk improvements, ADA improvements and permitting. Drainage design required the evaluation and modification to existing swales adjacent to one section of the roadway, and new swales and drainage structures at other sections of the roadway, which provided one complete and cohesive stormwater conveyance system.

Flagler Estates Roadway & Drainage Improvements | St. Johns & Flagler Counties | Principal-in-Charge. Provided ongoing engineering support as the District Engineer to this 7,000-acre community located in southern St. Johns County. MDG has completed a study of the overall stormwater model for this drainage basin, and completed multiple projects to improve stormwater infrastructure, resurface roadways, and replace major water control structures that service Sixteen Mile Creek. Coordination for Disaster Recovery (DR) and CDBG for improvements to drainage and roadways was also provided. Significant damage to drainage ways and roadways throughout Flagler Estates was caused by Hurricanes Matthew and Irma.

Ravenswood Drive Drainage Improvements, CDBG-DR | St. Johns County | Principal-in-Charge. Completed a stormwater drainage study for the drainage basin near Ravenswood Drive in St. Augustine. As a result, significant improvements



to the stormwater drainage infrastructure were designed that improved water conveyance and treatment. The project scope of work also included a major overhaul of approximately 1,600 linear feet of the roadway. Significant maintenance of traffic planning was provided due to a required partial closure of Masters Drive, which serves as a main thoroughfare for this area. Based on MDG's recommendations during the design phase of roadway improvements, the City of St. Augustine was able to complete underground utility improvements concurrently with this St. Johns County roadway improvements project, an action that saved the cost of duplicate construction work on this road. MDG was key in the coordination efforts of these additional utility upgrades. MDG assisted in securing and administering the CDBG-DR grant.

Veterans Parkway Widening | St. Johns County | Principal-in-Charge. Provided engineering design and permitting of Veterans Parkway (CR 223) extension. Design the outer two lanes with grassed median to major collector roadway specifications. The proposed roadway will extend from Longleaf Pine Parkway (CR 2444) to the southern entrance to ICI Land-Middlebourne Development for approximately 0.28 miles (1,460 feet) and located within the ICI Land-Middlebourne Master Development Plan.

Four Mile Road Improvements | St. Johns County | Principal-in-Charge. This well-traveled collector roadway, services residential neighborhoods, a shopping center, and part of the St. Johns River Community College. The existing roadway did not provide safe usage areas for bicycles or pedestrians due to an absence of protective shoulder. MDG provided engineering services to design roadway safety improvements for a two-mile section of Four Mile Road. These improvements included adding paved shoulders, design of a 5-foot wide sidewalk parallel to the road, stormwater infrastructure design, pavement resurfacing, utility coordination, drainage improvements, MOT, S&PM, and permitting. The original design was completed in 2016 and prior to construction in 2019, MDG provided an additional plan review and updates to match the current field conditions and for use during the bidding process.

St. Johns Avenue Resurfacing | Putnam County | Principal-in-Charge. St. Johns Avenue is a highly traveled roadway, serving multiple medical offices, retirement facilities, and a college. The heavy wear, high groundwater conditions, and damage from installation and service of utilities had severely degraded the quality of the roadway. MDG provided design plans for repairing and resurfacing St. Johns Avenue from SR 19 to Zeagler Drive using an FDOT Small County Outreach Program (SCOP) Grant for funding. The project included roadway and drainage design, milling and resurfacing, pavement leveling, repaving, S&PM, MOT, utility coordination and signalization. Critical to this design was the MOT due to the high volume, and the need to maintain accessibility to business and for emergency vehicles. Due to this, night paving was required through much of the project.

Amazon Distribution Center Roadway Improvements | Jacksonville | Principal-in-Charge. Served as the offsite improvements subconsultant for the Amazon Distribution Center in Jacksonville, FL. Responsibilities included numerous roadway improvements to Pecan Park Road, Duval Road (SR 243), and the I-295 offramp onto Duval Road. Improvements to Pecan Park Road required a complete vertical and horizontal realignment of 0.5 miles of roadway. Design included multiuse path, pavement design, drainage design, signing & pavement marking (S&PM), and Maintenance of Traffic (MOT) plans.

Colbert Lane & Grady Prather Jr. Cove Roadway Improvements | City of Palm Coast | Principal-in-Charge. Provided engineering design and permitting for the resurfacing design for Colbert Lane between Palm Coast Parkway to SR 100 for a distance of 7.1 miles, and 1.2 miles of resurfacing and shoulder improvements for Grady Prather Jr. Cove in Palm Coast. Key project elements included roadway and drainage design, MOT, S&PM to MUTCD standards, pedestrian safety features, sidewalks, driveway connections and permitting. Additional pavement markings were proposed at specific intersections to improve traffic flow and motorist awareness. During the design phase of the project, we observed severe shoulder deterioration and sidewalk failures on Grady Prather Jr. Cove. Recommendations were made for concrete replacement and stability improvements to both the sidewalk and existing shoulder. As part of the scope of work, permits were secured through Flagler County, SJRWMD, and FDOT. The Graham Swamp parking lot impacted this project and pipe cover issues were identified, which would potentially weaken the pipe, under the gravel driveway to Grady Prather Jr. Cove. At the 60% design phase, the County determined that the gravel material was less desirable and added scope to the MDG contract for the design of a full access driveway connection to the parking lot.





Billy Almaguer, PE

QUALITY ASSURANCE/QUALITY CONTROL MANAGER

Billy Almaguer is a seasoned professional engineer with over 15 years of experience in all aspects of civil site design, regulatory permitting processes, stormwater modeling, and recreational and drainage facility design. He has specialized in wetland and nutrient load modeling and stormwater master planning. Billy has provided engineering design services for a variety of projects, including highways, beach re-nourishment, mitigation bank creation, FEMA Hazard Mitigation Grant Program (HMGP) and Community Development Block Grant (CDBG) projects, stormwater masterplans for many large municipalities, as well as educational facilities, residential, commercial and industrial developments.

He also has experience with providing construction administration services which included conducting pre-construction meetings with engineers, owners, developers and contractors, as well as the preparation of bid documents and bidding assistance.

Billy's expertise in the creating, planning, and implementation of quality control systems ensures that each project receives a detailed and thorough review, thus providing for a quality product meeting the client's needs. He will take responsibility for the review of all engineering and design work.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Veterans Parkway Widening (Stillwater) | St. Johns County | QA/QC Manager.

MDG is providing professional engineering and landscape architectural and irrigation services for the design and permitting of the offsite improvements associated with the Stillwater subdivision. The offsite improvements included the widening of Veterans Pkwy. (CR 223) north of Longleaf Pine Pkwy. (CR 244). The intent of the project is to design the inner two lanes with grassed median to major collector roadway specifications, completing the full build-out for the four lane section from Longleaf Pine Pkwy. to Racetrack Rd. The proposed roadway widening will be approx. 1.05 miles (5,500 ft.).

Veterans Parkway Extension (Stillwater) | St. Johns County | QA/QC Manager.

MDG is providing professional engineering and landscape architectural and irrigation services for the design and permitting of the offsite improvements associated with the Stillwater subdivision. The offsite improvements included the extension of Veterans Pkwy. The intent of the project is to design the outer two lanes with grassed median to major collector roadway specifications. The proposed roadway will extend from the ICI Land-Middlebourne Development driveway to the Stillwater entrance for approx. 0.80 miles (4,200 ft.) and located within the Stillwater Master Development Plan (MDP).

Opus South Project Site, 1450 SR 207 | St. Johns County | QA/QC Manager.

MDG prepared conceptual site plan, and construction plans depicting limits of land clearing, tree removal, site grading and earthwork, stormwater drainage systems, and paving, Maintenance of Traffic Plans and Stormwater Pollution Prevention Plans (SWPPP). Utility plans described water, firewater, and domestic sewer requirements including references to the appropriate County standards and the necessary calculations for the watermain sizing as well as prepared and processed the associated permit applications through St. Johns County, SJRWMD, FDEP and FDOT. Construction administration and inspections being provided includes engineer's estimates, bidding assistance, review of contractor pay applications and shop drawings, inspections.

EDUCATION/TRAINING

- BS Civil Engineering
Texas Tech University, 1996
- MS Civil Engineering
Texas Tech University, 1999

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer
Florida, 2002

YEARS OF EXPERIENCE

- 18 years

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St. Johns Avenue Resurfacing, FDOT SCOP | Putnam County | QA/QC Manager. Billy provided quality assurance for construction plans that were prepared for the repair and resurfacing St. Johns Avenue from SR 19 to Zeagler Drive. This project was funded through an FDOT Small County Outreach Program (SCOP) Grant. The project included roadway design, milling and resurfacing, pavement leveling, repaving, S&PM, drainage design, utility coordination, signalization and permitting. Critical to this design was maintenance of traffic (MOT) due to the high volume, and the need to maintain accessibility to business and for emergency vehicles. Due to this, night paving was required through much of the project.

Butler Beach Drainage & Stormwater Master Plan, CDBG | St. Johns County | QA/QC Manager. MDG provided a detailed review of the Butler Beach watershed between Rio Del Mar Street and Riverside Boulevard. Drainage assessments were completed to augment known areas of concern. MDG proposed improvements through a drainage assessment report detailing focus areas for maintenance and repair in an effort to provide direction for the most efficient use of time and budget. Additionally, MDG hosted a community forum to identify additional deficient areas not previously reported by the public.

West Augustine Drainage Improvements, CDBG | St. Johns County | QA/QC Manager. This goal of this CDBG funded project was for the replacement of drainage structures to address recurring flooding issues within the West Augustine watershed area in St. Johns County, Florida. MDG provided the County with engineering design services including stormwater master planning, drainage improvements, SWPPP, maintenance of traffic plans, permitting with SJRWMD and County, grant application administration, construction administration and bidding documents and support.

North Beach Drainage Improvements | St. Johns County | QA/QC Manager. The goal of this project addressed drainage problems located along Twenty Second and Twenty Third Streets in North Beach, St. Johns County. MDG provided a comprehensive design of drainage improvements to be constructed in the neighborhood to more effectively and to reduce flooding potential. The design included conversion of open ditch drainage to closed conduits to better control the critical slope of the conveyances and provide for easier long-term maintenance. Design also accommodated multiple offsite watersheds, including a County park and State highway. This project served as a pilot to gauge public response and construction viability for future similar type projects in the region. Additional key elements included stormwater master planning, drainage analysis, permitting, construction administration and post design services.

Cypress Trail Subdivision | Volusia County | QA/QC Manager/Project Engineer. Provided engineering design services to permit and construct the Cypress Trail subdivision. MDG's scope included development of a concept site plan, construction plans, and permitting services. The subdivision (rezoned PUD) will include 48 home sites, a half-mile road, two stormwater ponds and drainage infrastructure, and water and sewer utilities.

Lents Road Improvements | Nassau County | QA/QC Manager. MDG served as the lead designer and engineer for the paving of Lents Road in Nassau County. Project scope included the widening and paving of 0.4 miles of existing dirt road. Lents Road design included pavement design, roadway design from dirt to pavement, and drainage modeling and design, utility design, S&PM, intersection upgrades, sidewalk improvements, ADA improvements and permitting. Drainage design required the evaluation and modification to existing swales adjacent to one section of the roadway, and new swales and drainage structures at other sections of the roadway, which provided one complete and cohesive stormwater conveyance system.



Alex Acree, PE.

LAND DEVELOPMENT LEAD

Alex Acree has a solid knowledge base of land development and site planning and the rules, regulations, and technical requirements of regulatory agencies, which keeps projects on time and within budget. His experience consists of a wide variety of projects ranging from large master planned residential subdivisions to small commercial facilities. His expertise includes analysis and design of stormwater management systems, watershed analysis, and pond siting analysis and reports for municipal projects as well as private land development projects. Alex is also skilled in providing construction administration services for projects that he designs and manages. Activities have included conducting pre-construction meetings with engineers, owners, developers and contractors; preparation of construction documents; specifications and bid packages; bidding assistance; review of shop drawings; and post design services. He provides quality project management services, and successfully leads his team of engineers from project conception through design, permitting, construction, inspections, and certifications for multiple development projects.

EDUCATION/TRAINING

- BS Civil Engineering, Florida State University, 2005

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, FL, 2011
- Certified FDEP Stormwater, Erosion and Sedimentation Control Inspector

PROFESSIONAL AFFILIATIONS

- Florida Engineering Society
- American Society of Civil Engineers
- Advisory Board - UNF Construction Management
- Northeast Florida Builders Association

YEARS OF EXPERIENCE

- 15 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Longleaf Pine Parkway Widening (CR 244) | St. Johns County | Project Engineer. MDG is providing design and permitting of the Longleaf Pine Parkway (CR 244) widening. The intent of the project is to accommodate widening from a two-lane roadway to a four-lane roadway with grassed median by adding an inside lane to the east and west bound lanes. The proposed road widening would occur from Tollerton Avenue to Veterans Parkway (CR 223) for 0.63 miles. MDG is preparing the roadway layout of the proposed widening that includes the necessary striping and turn lane modifications. Construction Plans depict limits of land clearing and tree removal, demolition, site grading and earthwork, stormwater drainage systems, paving, and utilities. The existing stormwater management facilities and onsite conveyance will be analyzed and modified as necessary to account for the additional impervious area associated with the widening efforts.

Colbert Lane & Grady Prather Jr. Cove Roadway Improvements | Flagler County | Project Engineer. Provided engineering design and permitting for the resurfacing design for Colbert Lane between Palm Coast Pkwy. to SR 100 for a distance of 7.1 miles, and 1.2 miles of resurfacing and shoulder improvements for Grady Prather Jr. Cove in the City of Palm Coast. Key project elements included roadway and drainage design, MOT, S&PM to MUTCD standards, pedestrian safety features, sidewalks, driveway connections and permitting. Additional pavement markings were proposed at specific intersections to improve traffic flow and motorist awareness. During the design phase of the project, severe shoulder deterioration and sidewalk failures on Grady Prather Jr. Cove were observed. Recommendations were made for concrete replacement and stability improvements to both the sidewalk and existing shoulder. As part of the scope of work, permits were secured through Flagler County, SJRWMD, and FDOT. The Graham Swamp parking lot impacted this project and pipe cover issues were identified, which would potentially weaken the pipe, under the gravel driveway to Grady Prather Jr. Cove. At the 60% design phase, the County added scope to the MDG contract for the design of a full access driveway connection to the parking lot.

Busy Bee Travel Center | St. Johns County | Sr. Project Manager. Alex is responsible of the planning and civil engineering design services for a new Busy Bee Travel Center situated on 18.85 acres and located on SR 207 near I-95 in St.



Johns County. Concepts were provided for the 40,000 SF building and, 60 regular pumps and 7 tractor trailer fueling stations in conformance with County, SJRWMD and FDOT requirements. Scope of work involves site planning and construction plan preparation including site layout, roadways, demolition plan, grading, stormwater ponds, utilities, offsite roadway improvements, maintenance of traffic plans, signing & pavement marking, SWPPP, landscape plans, tree mitigation, permitting, meeting attendance and coordination with the land use attorney, specialty consultants and stakeholders, and construction administration services.

St. Johns County School District | St. Johns County | Sr. Project Manager. MDG provided engineering design and permitting for various new schools in St. Johns County, FL. Each project ranged from 25 to 74 acres and consisted of proposed buildings for 1,500 to 2,100 students. Campuses included student, teacher and visitor parking, football field, baseball field, softball field, basketball courts and bus drop off area, recreation facilities, landscape and irrigation, on-site stormwater management and sanitary sewer lift station and offsite improvements. Scope of work included conceptual site plan depicting the location of buildings, parking, and stormwater management areas based on architectural sketch, wetland delineation, engineering designs and construction plan preparation showing limits of land clearing and tree removal, demolition, site grading and earthwork, stormwater drainage systems, paving, water and sewer utilities, SWPPP, and MOT. Permits were obtained through USACE, JEA, FDEP, SJC, SJRWMD and included SJCSO review.

Mill Creek K-8 Conversion | St. Augustine, FL | Sr. Project Manager. As Engineer of Record, Alex was responsible for this school expansion project. MDG's scope of work includes the preparation of construction plans for paving, grading and drainage plans, utility plans, code compliant landscape plans and supporting documents to meet permitting and site improvement requirements. As part of the design scope, MDG provided design for the relocation of the school's multi-purpose play field and a 1/3 mile and 1/4 mile recreation trail. Services also include construction administration involving estimates, bid documents, bidding assistance, review of pay applications and shop drawings response to RFIs and engineering certifications of final acceptance.

Amazon Distribution Center | Duval County | Project Engineer. As MDG served as the offsite improvements subconsultant providing engineering services to improve Pecan Park Road, Duval Road (SR 243), and the offramp onto Duval Road from I-295 in Jacksonville, Florida. The required improvements were associated with the development of an Amazon, Inc. Distribution Center. Numerous improvements to Pecan Park Road required a complete vertical and horizontal realignment of 0.5 miles of roadway, intersection improvements, widening of multiple turn lanes, signal modification, full access driveway connections, utility relocation, drainage design, superelevation analysis, and pedestrian access design. Pecan Park Road improvements also included a half-mile-long, 12-foot-wide multiuse path providing a safe and functional connection from the Duval Road to the Distribution Center property. Design elements for Duval Road included widening for multiple turn lanes, signal modifications, intersection improvements at Pecan Park Road, median conversion from full access to directional access, and driveway connection design. Challenges during construction included addressing utility conflicts and swale grading. All issues and concerns were addressed, and solutions delivered in a quick and efficient manner. Construction plans included demolition, grading and earthwork, paving, erosion control, S&PM, and MOT. A SWPPP was also prepared and all permits required were secured through county and state agencies including the City of Jacksonville, SJRWMD, and FDOT. Alex lead the stormwater design and permitting for the offsite improvements, as well as handling the project coordination, plans and report reviews, and additional permitting.





Scott Knowles, PE
SENIOR PROFESSIONAL ENGINEER / UTILITY COORDINATOR

Scott Knowles has extensive experience in all phases of land development engineering, including site and roadway design, stormwater modeling and drainage design, utility engineering and coordination, and regulatory permitting. He has provided project management for an eclectic mix of projects that included services similar to those required for this RSQ including: drainage design improvements and stormwater management facilities, roadway and intersection design, multiuse paths/trails, master planning, site plans, conditional uses, land use plan amendments, plats, rezoning, grant administration, and support services. Additionally, Scott had project management responsibility for the CDBG projects in St. Augustine and St. Johns County, as well as for FEMA HMGP Wastewater Plant and Wastewater Treatment facilities project in Putnam County. He is extremely proficient in the design of drainage structures and stormwater management systems as well as grant applications and submissions.

EDUCATION/TRAINING

- BS Agricultural Engineering
University of Florida, 1994

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer:
Florida, 2000
- LEED Accredited Professional,
2009

YEARS OF EXPERIENCE

- 25 years

He has engineered and permitted a wide variety of projects, including roads, drainage systems and sidewalks, large residential subdivisions, large shopping centers, commercial office buildings, mining sites, ponds, schools and churches, and recreational facilities. His vast expertise in all areas of civil engineering and the construction industry has also fortified his skills on best constructibility and biddability design methods. He is highly skilled in construction administration services including conducting pre-construction meetings and the preparation of bid documents and bidding assistance.

Rounding out his engineering expertise, Scott has specialized experience in Geographic Information System (GIS) databases, and in pump and power systems design for sanitary and stormwater lift stations.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Ponte Vedra Boulevard Drainage Study | St. Johns County | Sr. Project Manager. MDG provided engineering services to the St. Johns County Engineering Dept. to complete a drainage assessment and inspections of the roadways and adjacent areas along San Juan Dr. and Ponte Vedra Blvd, in northeast St. Johns County, and recommended correction measures. Project scope included a review of historical data, soils reports, geographical information, and site visits to identify and assess problem drainage areas. The final Drainage Report detailed specific recommendations to alleviate the flooding in each the problem areas.

Palmer Street Waterline Replacement | St. Johns County | Sr. Project Manager. MDG provided engineering services to replace approximately 900 linear feet of waterline from the intersection of Palmer Street and Evergreen Avenue to the intersection of Palmer Street and Fred Waters Way. MDG's scope of services included a concept plan to replace existing 10-inch lines with 12-inch lines, construction drawings depicting plan and profiles, a Maintenance of Traffic Plan, and permitting with FDEP and City of St. Augustine. Post design services included assistance with construction / subcontracting bidding, specifically attendance at pre-bid meeting and response to bidder's Request for Information.

Masters Drive Waterline Replacement | St. Johns County | Sr. Project Manager. MDG provided engineering services to replace approximately 4,300 linear feet of 10-inch water line and complete an asset inventory and assessment of an adjacent 8-inch wastewater line along Masters Drive. The sewer line, previously relined, required replacement taps to individual service locations. To avoid duplicating



mobilization efforts, MDG incorporated these sewer connections into the water line replacement project. Tasks included development of base drawings, conceptual plans, and construction drawings; permitting; and construction administration. MDG also provided engineering services to replace aging and undersized waterlines in four street locations in St. Augustine. Specifically, MDG replaced approximately 2,000 linear feet of 2-inch line along Palmer Street with a 10-inch line and 900 feet of 10-inch line with a 12-inch line; replaced 3,600 linear feet of 10- and 12-inch line with a 12-inch line along Masters Drive; replaced 350 linear feet of 2-inch line with a 6-inch line along Ravenswood Drive; and replaced 1,600 linear feet of 2-inch line with a 6-inch line along Florida Avenue. In total, MDG replaced approximately 8,500 linear feet of waterline on four separate projects. Tasks included development of base drawings, conceptual plans, construction drawings, permitting, and construction administration.

North Beach Drainage Improvements | St. Johns County | Sr. Project Engineer. The goal of this project addressed drainage problems located along Twenty Second and Twenty Third Streets in North Beach, St. Johns County. MDG provided a comprehensive design of drainage improvements to be constructed in the neighborhood to more effectively and to reduce flooding potential. The design included conversion of open ditch drainage to closed conduits to better control the critical slope of the conveyances and provide for easier long-term maintenance. Design also accommodated multiple offsite watersheds, including a County park and State highway. This project served as a pilot to gauge public response and construction viability for future similar type projects in the region. Additional key elements included stormwater master planning, drainage analysis, permitting, construction administration and post design services.

West Augustine Drainage Improvements, CDBG | St. Johns County | Sr. Project Manager. The intent of this CDBG funded project was for the replacement of drainage structures to address recurring flooding issues within the West Augustine watershed area in St. Johns County, Florida. MDG provided the County with engineering design services including stormwater master planning, drainage improvements, SWPPP, maintenance of traffic plans, permitting with SJRWMD and County, grant application administration, construction administration and bidding support.

Ravenswood Drive Drainage Improvements, CDBG-DR | St. Johns County | Sr. Project Manager. Completed a stormwater drainage study for the drainage basin near Ravenswood Dr. in St. Augustine. As a result, significant improvements to the stormwater drainage infrastructure were designed that improved water conveyance and treatment. The project scope of work also included a major overhaul of approximately 1,600 linear feet of the roadway. Significant maintenance of traffic planning was provided due to a required partial closure of Masters Drive, which serves as a main thoroughfare for this area. Based on MDG's recommendations during the design phase of roadway improvements, the City was able to complete underground utility improvements concurrently with this St. Johns County roadway improvements project, an action that saved the cost of duplicate construction work on this road. MDG was key in the coordination efforts of these additional utility upgrades. MDG assisted in securing and administering the CDBG-DR grant.

Flagler Estates Roadway & Drainage Improvements, St. Johns & Flagler Counties | Flagler Estates Road & Water Control District | Sr. Project Manager. Provided ongoing engineering and construction administration/inspection support as the District Engineer to this 7,000-acre community located in southern St. Johns County and northern Flagler County. MDG has completed a study of the overall stormwater model for this drainage basin, and completed multiple projects to improve stormwater infrastructure, resurface roadways, and replace major water control structures that service Sixteen Mile Creek. Coordination for Disaster Recovery (DR) and CDBG for improvements to drainage and roadways was also provided. Significant damage to drainage ways and roadways throughout Flagler Estates was caused by Hurricanes Matthew and Irma.

Four Mile Road Improvements | St. Johns County | Sr. Project Manager. This well-traveled collector roadway, services residential neighborhoods, a shopping center, and part of the St. Johns River Community College. The existing roadway did not provide safe usage areas for bicycles or pedestrians due to an absence of protective shoulder. MDG provided engineering services to design roadway safety improvements for a two-mile section of Four Mile Road. These improvements included adding paved shoulders, design of a 5-foot wide sidewalk parallel to the road, stormwater infrastructure design, pavement resurfacing, utility coordination, drainage improvements, MOT, S&PM, and permitting. The original design was completed in 2016 and prior to construction in 2019, MDG provided an additional plan review and updates to match the current field conditions and for use during the bidding process. Construction administration and inspection services were also included.





Ivan Lamoš, EI
JUNIOR INSPECTOR / PROJECT ENGINEER

Ivan Lamoš has experience of engineering and construction industry related experience. In his roles, he has worked as a project manager and engineer on a both private and public projects providing preliminary designs, permitting, bid packages, and construction engineering inspections. As construction inspector, Ivan is charged with looking at the cost and constructibility of the proposed design. Ivan has a great attention to detail ensuring that each project receives a detailed and thorough review, providing a quality product that meets the client's needs.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Ponte Vedra Water Meter Replacement | St. Johns County Utility Department | St. Johns County | Project Engineer/Inspector. This project for St. Johns County Utility Department, funded through FDEP State Revolving Fund (SRF), to update potable water metering infrastructure in newly acquired area of Ponte Vedra Beach. The project included replacement of 10,000 water meter ranging from 1/2' to 12" in size and associated distribution system. Ivan was responsible for design of bypass systems and daily inspections, and construction oversight, as well as scheduling outages with customers including TPC Sawgrass, The Plantation Oaks and others. Project Management included coordination with FDEP and SJCUD, this included compliance with Davis Bacon Act on daily basis as the project was funded by SRF.

Countywide Drainage and Infrastructure Maintenance 2014-2020 | St. Johns County Public Works Department | St. Johns County | Project Engineer/Superintendent/Inspector. Under this contract, Ivan provided various services to the county ranging from inspection of stormwater assets (over \$200M worth), preparation of program for replacement based on available budget. He also provided cost estimates and construction services for repairs of drainage infrastructure ranging from 12" to 72" reinforced concrete pipe (RCP), adjustments to existing spillways, construction of drainage infrastructure along County Road 13. Ivan managed coordination with FDOT on projects for the owner that required tie-ins to infrastructure that were not owned by county.

High School III | St. Johns County | Project Engineer/Inspector. MDG is providing engineering design and permitting associated with the new High School III located off of Beachwalk Blvd. in St. Johns, FL. The campus includes a new high school, recreation facilities, student and faculty parking, onsite stormwater management and sanitary sewer lift station and offsite improvements. Scope of work includes conceptual site plan depicting the location of buildings, parking, and stormwater management areas based on architectural sketch, wetland delineation, engineering designs and construction plan preparation showing limits of land clearing and tree removal, demolition, site grading and earthwork, stormwater drainage systems, paving, water and sewer utilities, SWPPP, and MOT. Permits will be obtained through USACE, JEA, FDEP, SJRWMD and include SJCSO review. Construction administration will also be provided. Ivan was responsible for watermain installation inspection to be installed per specifications and plans.

K-8 MM Academy | St. Johns County School District | St. Johns County | Project Engineer/Inspector. MDG is a subconsultant to the Architect-of-Record providing engineering services associated with the design and permitting for a new K-8 MM Academy to be located on Pine Island Road at the future intersection of Crosswater

EDUCATION/TRAINING

- Vut Brno, Czech Republic, 2011
- University of North Florida, 2018

YEARS OF EXPERIENCE

- 7 years



Parkway in St. Johns County, Florida. The campus is on the 25-acre site and includes a new school building (127,000 SF) serving 1,500 students. Site plan and construction plans depict the location and size of the proposed buildings, parking lot, bus drop-off ingress and egress, landscape and irrigation, stormwater management and drainage systems, and water and sewer utilities. Recreation areas include a kindergarten play area, outdoor basketball court, soccer field, softball field, and a six-foot wide asphalt recreation trail. All designs are in conformance with the St. Johns County School District ordinances. The Crosswater Parkway extension and required utility extensions to the subject parcel is being designed and permitted separately. Ivan is responsible for providing inspections throughout the construction to ensure utilities are installed throughout the site in proper locations, size, construction method, and connections done per specifications and plans.

Stillwater Residential Development | St. Johns County | Project Engineer/Inspector. MDG is providing professional engineering services for the Stillwater development, a 550 lot 55+ residential subdivision with golf course and associated infrastructure. The construction plans depict a 13,300 SF clubhouse building, an 8,021 SF maintenance facility, and a 375 SF driving range snack bar pavilion, an entry sign all with associated drainage, parking and utility services. Ivan is responsible for conducting an as-built review along with review of pay applications from the Contractor, which requires regular site inspection of construction progress.

St. Marks Industrial Park Expansion | St. Johns County | Project Engineer/Inspector. MDG is providing engineering services for the new St. Marks Industrial Park Expansion located on St. Marks Pond Boulevard in St. Johns County. Upon approval of the concept plan, MDG prepared construction plans for the proposed two 21,000 SF industrial warehouse buildings with associated parking and utilities. Ivan is responsible for providing lift station and FM sizing, and calculations to optimize system in order to minimize O&M cost.

Beaver Toyota | St. Johns County | Project Engineer/QA/QC. MDG provided professional engineering services for design and permitting for the Beaver Toyota located within the "St Johns Marketplace" at State Road 207 and Interstate 95 in St. Augustine, FL. The project parcel is approximately 20-acres in size and included a structure, parking areas, driveway connection, and storm and utility infrastructure. The stormwater pond was master planned as part of the St Johns Marketplace project and is located offsite. Utilities included fire water, potable water, gravity sewer main, sewer forcemain, and a lift station. Ivan was responsible for providing QA/QC to ensure site's drainage works efficiently during storm events. Additionally, he provided routing optimization for sewer forcemain to minimize future repair costs.



Justin Scarberry
SENIOR CONSTRUCTION INSPECTOR

Justin Scarberry has over 14 years of experience in construction on FDOT and Municipal construction projects in the Jacksonville area. His experience includes project management, quality control management, inspection and quality control testing of highways, bridges, site development including but not limited to asphalt paving, earthwork, drainage, MSE Wall, drilled shaft and concrete structure work. As project manager, Justin has lead teams of inspectors that were responsible for materials testing, quality control, constructibility assessments, technical report writing, and budget management.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

West 4th Street Brick Rebuild from Pearl Street to Main Street | Duval County | Project Administrator. This project consists of 1,500 LF of roadway pavement reconstruction using salvaged brick pavers and granite curb, along with water and sewer main replacements and drainage reconstruction. This work includes clearing, earthwork, roadway base construction, concrete sidewalk and driveway replacements, striping and pavement markings, sodding, maintenance of traffic with detour routes, extensive tree protection, and coordination with the City of Jacksonville (COJ) and local businesses/residents.

Replacement of Loest Road Bridge | Duval County | Project Administrator. This project consists of performing the final engineering design and construction of the replacement of approximately 86 linear feet of deficient existing bulkhead on Big Fishweir Creek. This work includes removing the deficient existing sheet pile wall and installing a new sheet pile wall and concrete cap within the limited access confines of a residential area. Additionally, this project includes the installation of permanent wall bracing to stabilize another parallel existing bulkhead.

Five Points Improvement | Duval County | Project Administrator. This project consists of the reconstruction of Lomax Street as a one-way street between Park Street and Oak Street and the reconstruction of the Five Points Intersection. The Lomax Street work includes the removal and reconstruction of all existing roadway, parking spaces, and sidewalks. In addition, a new JEA water main and water services will be installed as part of the project. The Five Points Intersection area will be realigned to improve traffic flow and pedestrian safety. The project includes new hardscaping, landscaping, and decorative street lighting, as well as concrete and asphalt removal, drainage removal, roadway construction, concrete pavement, drainage construction, brick paver sidewalks, curb and gutter, street lighting construction, signalization, utility adjustments, sodding, pedestrian cross walks, benches, bike racks, landscaping, and more.

Hamilton St. Bulkhead | Duval County | Assistant Project Administrator. This project consists of performing the final engineering design and construction of the replacement of approximately 86 LF of deficient existing bulkhead on Big Fishweir Creek. This work includes removing the deficient existing sheet pile wall and installing a new sheet pile wall and concrete cap within the limited access confines of a residential area. Additionally, this project includes the installation of permanent wall bracing to stabilize another parallel existing bulkhead.

SR 8 (I-10) / SR 200 (US 301) Interchange Operational Improvements | Duval County, District 2 | Assistant Project Administrator. This interchange reconstruction project includes the complete demolition of four existing bridges

EDUCATION/TRAINING

- USAF, Professional Military Education, Airman Leadership School, 2005

REGISTRATIONS/CERTIFICATIONS

- FDOT Concrete Field Inspector, Level 1
- FDOT Drilled Shaft Inspector
- FDOT Pile Driving Inspection
- FDOT Earthwork Construction Inspector, Level 2
- FDOT Asphalt Paving Technician, Level 1
- FDOT QC Manager
- USACE Construction Quality Management for Contractors

YEARS OF EXPERIENCE

- 14 years



and the construction of eight new FIB bridges in their place. In addition, the project will construct new ramps, ramp realignments and roadway widening of I-10 from four lanes to six lanes. This project features a large CSX railroad yard within the interchange and bridge reconstruction limits and provides a unique coordination opportunity. This project also includes two-phase mechanically stabilized earth (MSE) walls, critical sheet pile walls, roadway widening, asphalt resurfacing, box culvert extensions, jack and bore pipe installation, overhead sign structures, high mast lighting, conventional highway lighting, signalization, contamination assessment and remediation (CAR), 3,000 LF of 12" water main installation and 800 LF of 6" force main installation.

Ellis & Associates, Inc. / ECS Florida LLC. | Duval County | Senior Project Manager. Justin prepared Construction Materials Testing (CMT), Contractor's Quality Control (CQC) and Inspection Services proposals for various FDOT, military, residential, commercial and private projects. He monitored field and laboratory test results to ensure compliance with project documents, and worked closely with internal and external clients to ensure contract budgets were met while providing quality service.

SR 21 Blanding Blvd. Milling and Resurfacing/Reconstruction from Baxley Rd to Old Jennings Rd | Clay County, District 2 | Inspector. This project reconstructed and widened 1.5 miles of SR 21 from a 4-lane rural section to a 6-lane urban section from 800' south of Brannan Field Road to Old Jennings Road. The project also contained new drainage systems, pond construction, new mast arm signals, utility adjustments, sidewalk and handicap ramp improvements, pedestrian signal upgrades, street lighting, pier widening for lighting, new ITS system, directional median improvements, signalization loops and pavement markings.

SR 9 (I-95) | Duval County, District 2 | QC Manager. Justin was responsible for the monitoring QC Density Logbook, LIMS oversight and implementation of QC Plan. He also provided periodic CQC testing including concrete testing for concrete slab replacements, drilled shafts and other structures.

SR 9B | Duval County, District 2 | QC Manager. Justin was responsible for the monitoring of QC Density Logbook, LIMS oversight and implementation of QC Plan. He also provided periodic CQC testing including soil testing for high embankments, pipe backfill, roadways, MSE walls and concrete testing for bridge structures, concrete pavements, slab replacements, drilled shafts and other structures.

JTB and SR 9A Interchange | Duval County, District 2 | QC Manager. Justin provided CQC testing including soil testing for high embankments, pipe backfill, roadways, MSE walls and concrete testing for bridge structures, concrete pavements, slab replacements, drilled shafts and other structures. Also performed CQC Concrete Level II inspections of bridge structures including rebar inspection, "dry run" inspections of bridge deck paver prior to concrete placement and "wet check" inspections during concrete placement of bridge decks to ensure compliance with plans and specifications.

US 17 Doctor's Inlet Bridge Widening | Duval County, District 2 | QC Manager. Justin was responsible for monitoring of QC Density Logbook, LIMS oversight and implementation of QC Plan. He also provided CQC Concrete Level II inspections of bridge structures including rebar inspection, "dry run" inspections of bridge deck paver prior to concrete placement and "wet check" inspections during concrete placement of bridge decks to ensure compliance with plans and specifications.

SR A1A over Matanzas Inlet | Duval County, District 2 | QC Manager. Justin provided periodic CQC testing and Concrete Level II inspections of bridge structures including rebar inspection, "dry run" inspections of bridge deck paver prior to concrete placement and "wet check" inspections during concrete placement of bridge decks to ensure compliance with plans and specifications.

Zoo Parkway Phase II (Heckscher Drive) | Duval County | QC Manager. Justin was responsible for construction and monitoring of QC Density Logbook and implementation of QC Plan. He also provided CQC Concrete Level II inspections of bridge structures including rebar inspection, "dry run" inspections of bridge deck paver prior to concrete placement and "wet check" inspections during concrete placement of bridge decks to ensure compliance with plans and specifications.





Shannon Acevedo, AICP
SENIOR PLANNER

Shannon Acevedo brings extensive planning experience on both private and public sector projects. She served as the Sr. Planner with St. Johns County for three years before joining MDG. Her expertise includes regional planning research, data and code analysis, and project management. Shannon honed her research and analytical skills from projects related to employment to tourism to transportation to non-profits in her roles with the Maricopa Association of Governments and the Arizona State University Foundation. Shannon continued to gain in-depth land development knowledge and management skills while employed with St. Johns County where she managed planners, analyzed and interpreted code, and recommended code modifications.

EDUCATION/TRAINING

- BS Business Administration
University of Michigan Business School, 2003
- Advanced Digital Arts Certificate, Sessions College of Professional Design, 2009
- Masters of Urban and Environmental Planning (MUEP)
Arizona State University, 2011

REGISTRATIONS/CERTIFICATIONS

- American Institute of Certified Planners (AICP), American Planning Association, 2017
- ArcGIS Level One Certification
ESRI, 2013

PROFESSIONAL AFFILIATIONS

- Urban Land Institute, North Florida Chapter, Center for Leadership Program Graduate
- Florida Planning & Zoning Association, First Coast Chapter Board Member
- American Planning Association
- AICP Outstanding Student Award, American Planning Association
- Lupie Harriger Scholarship, Advancing Women in Transportation (WTS)

YEARS OF EXPERIENCE

- 19 years

In her role as Senior Planner at MDG, Shannon guides clients toward their land development goals through a creative approach to concept planning, site due diligence and highest and best use analysis, and project management steps to take a development from ideation to permitting. She specializes in securing entitlements and manages the process for land use amendments, rezonings, special use permits, and variances. Shannon has extensive public speaking skills and experience managing public participation meetings, community meetings, and design meetings as related to land development proposals.

Prior to this role, she served in various planning roles with St. Johns County most recently as the Senior Supervising Planner, managing a team of four planners. In her time with St. Johns County, she gained an in-depth understanding of local and state land development regulations, cross-departmental review of development projects, and was regularly tasked with analyzing and providing insight to code interpretations.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Cornerstone Classical Academy, St. Johns Bluff | Duval County | Sr. Planner.

MDG is providing engineering services for a school located along St. Johns Bluff in Jacksonville, Florida. The construction consists of re-developing of an existing school site to include a two-story 55,000 SF, K-8 school, with a capacity of approximately 730 students, along with associated infrastructure improvements. Site design included driveway and parking lot design, stormwater management facilities design, utility design, and landscaping. Permits are being obtained with COJ, JEA, FDEP and SJRWMD. Additional services were requested to provide continued engineering services associated with design and permitting of the northbound and southbound turn lanes for the school along St. Johns Bluff Road.

Town Center Mixed Use District Addition | St. Johns County | Sr. Planner/Project Manager.

Incorporated two properties of approximately 2.2 acres into the Vilano Beach Town Center Mixed Use District of St. Johns County by amending the future land use and zoning of the properties. Developed map exhibits, analyzed balance of land uses and consulted urban form-based code provisions to inform conceptual site planning for the two sites. Provided impact analyses taking into consideration traffic impacts, stormwater capacity, and applicable residential density and commercial intensity for the town center district corridor.

St. Augustine Marine Center | St. Johns County | Sr. Planner/Project Manager.

Secured approval of a special exception for a restaurant use within the St. Augustine Marine Center in St. Augustine, FL. Coordinated with environmental consultant regarding a companion item for a coastal overlay zone approval



given the site is located along the San Sebastián River. Collaborated with architect to obtain renderings and floor plans to direct our efforts in developing a conceptual site plan for the restaurant and the overall 35.4-acre site. Led community meeting to engage the neighborhood, answer questions, and obtain project feedback.

St. Marks Campground Land Use Amendment & Rezoning | St. Johns County | Sr. Planner/Project Manager.

Amended a 74-acre site with a future land use designation of Rural Silviculture to a Rural Commercial future land use designation for the development of an RV campground resort within St. Johns County. Rezoned the property to Commercial Rural as a companion item to the amendment. Coordinated preparation of a conceptual site plan accounting for approximately 150 RV sites arranged around a large existing pond and 20,000 square feet of restaurant/community space at the project's entrance. Coordinated efforts with environmental consultants, designers, and surveyors to develop map exhibits for the application.

St. Johns County Government, St. Augustine, FL | Sr. Supervising Planner / Planner / Application Review

Supervisor. Shannon was responsible for the supervision of a team of planners to manage and present land development projects including comprehensive plan amendments, rezonings, special uses and variances. She was also responsible for guidance of the application of local and statewide development regulations and contributed research and insights toward code amendments; drafted code revisions to improve clarity for PUD regulations and offer more flexible and creative buffering standards; and researched and recommended code changes to motivate affordable housing development. Shannon also managed the application and review process for development projects, presented projects to Planning and Zoning and County Commission Boards, and streamlined platting process to improve coordination with applicants and eliminate unnecessary hearings.





Nina Sickler, PE

QA/QC

Nina is a registered Florida PE with more than 29 years of transportation management experience. Her professional background includes project management, design, and inspection for a broad range of transportation projects throughout the State of Florida. Her bridge design experience includes numerous water crossings throughout Florida ranging from box culverts, flat slab and conventional FIB bridges – to horizontally curved segmental concrete and steel box girders. Her highway design management experience includes geometric design, quantities, signing & marking, and lighting design, with projects ranging from operational improvements to major water crossings and interchanges. She is certified in Advanced Work Zone Traffic Control and trained in LRE, Specifications, and Storm Water Erosion and Sedimentation Control.

EDUCATION/TRAINING

- BSCE, Georgia Institute of Technology, 1991

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Florida #52405

YEARS OF EXPERIENCE

- 29 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

I-95 / CR 210 Ramp Improvements | St. Johns County | Senior Project Engineer.

This project involved improvements to the interchange at I-95 and CR210 and surrounding area in St. Johns County. Pond staff were responsible for design of span and cantilever sign structures, mast-arm signal structures, and sheet pile retaining walls. Designs of cantilever foundations were modified from spread footings to drilled shafts to reduce foundation footprints and minimize utility conflicts. Also as part of this project, Pond staff provided structural design and plans for replacement of an existing 42'-8" long 4-barrel bridge culvert carrying CR210 over Sampson Creek with a 53 ft. long single-span pre-stressed slab unit bridge supported on bents with 24-inch square pre-stressed piles.

A1A Safety Improvements | City of St. Augustine | Project Principal. The project consisted of designing and constructing safety improvements on A1A at Castillo de San Marco Fort. The project included: roadway milling and resurfacing, sidewalk relocation, construction of a brick pedestrian crosswalk, preparation of MOT plans including pedestrian control in tourist area, signing and pavement marking, information signs, public and local agency coordination, intersection improvements, signalization including new mast arms and roadway lighting.

SR 16 from Green Acres Rd to San Marco Avenue, FDOT District 2 | Project Principal. This project included the milling and resurfacing section from Lewis Speedway to San Marco Ave, and the Maintenance of Traffic plans for the entire 5-mile corridor. Project included roadway design, MOT, signing & marking, drainage, signalization, bridge joint repair design, and retaining wall design.

San Pablo Widening | Jacksonville Transportation Authority (JTA) | Project Principal. This project involves the widening of San Pablo Road from Beach Boulevard to Atlantic Boulevard. Project tasks include 2.5 miles of road reconstruction and widening; adding turn lanes, bike lanes and sidewalk; R/W mapping and acquisition; drainage design and permitting; Maintenance of Traffic; and Public Involvement including a public meeting. This project also requires signal upgrades at Atlantic and Beach, new signal design at Osprey Point Drive, and the replacement of strain poles with mast arms.



Joey Duncan, PE

CONSTRUCTABILITY REVIEW AND PUBLIC OUTREACH

Joey has 39 years of experience in management, project management, government procurement, design, planning and scheduling, budget preparation and project selection/prioritization for municipal, federal, commercial and industrial clients. As Director of Civil Engineering at Pond, Joey provides his design and engineering teams with quality control oversight and engineering input. He is well-versed in civil site design, drainage systems, grading, stormwater management, site horizontal control, assessment studies and reports, utility placement and permitting.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Connector Route Study | TECO Jacksonville | Civil Engineer. Pond provided engineering, environmental, and GIS services to perform a comprehensive route and corridor analysis for TECO's proposed 16" transmission connection between existing 12" and 24" transmission pipelines in Jacksonville, FL. Pond evaluated constructability, land, environmental, safety, and other factors to objectively score potential route options and provide a recommendation for a preferred route. TECO utilized the prepared report and map documents to obtain board approval for the project.

The District Owner's Representative | City of Jacksonville | Project Manager.

Pond is currently serving as Owner's Representative for the City of Jacksonville for the design and construction of the public infrastructure elements of "The District" Development Project. The scope of services includes providing engineering oversight of the project during the Design/Permitting Phase, Contract Administration, Construction Engineering and Inspection Services, and materials testing services. Joey is overseeing a team of Task Managers to ensure that City Standard Details, Standard Specs, Land Development Procedures Manual, and City Standard Contract Documents are used throughout the project

Pavement Replacement and Drainage Improvements, Hangar 1122 | Naval Air Station | Civil Engineer.* Civil design for the removal and replacement of approximately three acres of pavement. The project included designs and plans for stormwater pollution prevention, site horizontal control, grading and drainage, and stormwater retention.

Better Jacksonville Plan (BJP) Road Projects | City of Jacksonville | Program Manager.* A \$1.5B Work Program that included design and construction of new, expanded, and widened roads; interchanges, overpasses and intersection improvements; as well as road resurfacing, drainage, sidewalks/bike paths, landscaping, safety grade crossings and transit right-of-way purchases.

Colt Creek State Park | FDEP | Senior Civil Engineer. Pond was selected to provide the FDEP with master planning, engineering, permitting, architecture for two bathhouses, and all utilities for this new 35-acre campground. Pond developed all construction documents including all plans, specifications, and cost estimates to successfully acquire all required permits from each agency with jurisdiction of authority. Pond successfully bid and managed this project.

EDUCATION/TRAINING

- MS, Engineering Management, University of South Florida, 1993
- BSCE, Clemson University, 1981

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Florida #41890
- Professional Engineer, Georgia #040151
- GA Soil & Water Conservation Comm Level I Certified Design Professional

YEARS OF EXPERIENCE

- 39 years

**denotes previous experience*



Tabatha Carlton, PE
SENIOR TRANSPORTATION ENGINEER

Tabatha has 28 years of transportation design and management experience. Her professional background includes a broad range of projects including milling and resurfacing, new alignment, safety and ADA improvements, intersection improvements, drainage design and permitting, signing and marking, and MOT. Tabatha has a thorough understanding of FDOT procedures and relevant project experience working around the state. Her strong design and project management background allows her to create and utilize a customized QA/QC process on projects.

EDUCATION/TRAINING

- BSCE, Georgia Institute of Technology, 1992

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Florida #57676

YEARS OF EXPERIENCE

- 28 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Roundabout at University Blvd & Merrill Road | Jacksonville Transportation Authority (JTA) | Project Manager. Pond is currently completing the design for this TURBO Roundabout to replace the existing intersection of University Blvd. and Merrill Road in Jacksonville. This project was identified as part of the JTA MobilityWorks Complete Streets Initiative. As part of the design project, Pond performed analysis of the roundabout and other intersection improvements and conducted extensive community outreach. Project tasks include roadway and drainage design, permitting, pavement design, landscape design, utility coordination, right-of-way acquisition, and public involvement including a public hearing.

San Pablo Widening | JTA | Project Manager. This project involves the widening of San Pablo Road from Beach Boulevard to Atlantic Boulevard. Project tasks include 2.5 miles of road reconstruction and widening; adding turn lanes, bike lanes and sidewalk; R/W mapping and acquisition; drainage design and permitting; Maintenance of Traffic; and Public Involvement including a public meeting. This project also requires signal upgrades at Atlantic and Beach, new signal design at Osprey Point Drive, and the replacement of strain poles with mast arms.

SR 5 (US-1), Sidewalks and Lighting | FDOT District 2 | QA/QC. This project will add sidewalk and lighting along both sides of SR 5/US 1 from south of Bella Vista Boulevard to Big Oak Road in St. Johns County. Pond is leading the design effort on this project. Challenging issues include limited R/W, drainage impacts, utility impacts, and archaeological concerns.

8th Street Mobility Corridor & Intersection Improvements | JTA | Project Manager. This project includes modifications to the 8th Street corridor adjacent to I-95 in Jacksonville, Florida associated with the JTA Complete Streets Study. These modifications include pedestrian improvements with crosswalks, ADA curb ramp improvements, pedestrian signal improvements, keyhole bike lanes, and shared-lane bicycle markings. Additional tasks including milling and resurfacing and signal loop replacement.

Hastings Trailhead | FDOT District 2 | QA/QC. This project consists of a six-acre natural site with a state water creek dividing the property in St. Johns County. Approximately 75% of the site is wetlands. Site elements include a new lighted parking area, bathroom building, trail and boardwalk, associated drainage, traffic control design, plans preparation and permitting, and trail design. Off-site features include a new left turn lane off of SR 207 to enter the property.



Justin Phillips, PE
TRANSPORTATION ENGINEER

Justin has experience with a broad range of transportation design projects including sidewalk, RRR and capacity projects throughout northeast Florida. He is familiar with FDOT design criteria as well as Florida Greenbook and AASHTO criteria for County and City projects. Justin has technical expertise with design and analysis software, specifically in Microstation and Geopak. He is Advanced MOT-certified and is experienced in Specifications development.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

SR 5 (US-1), Sidewalks and Lighting | FDOT District 2 | Project Engineer. This project adds sidewalk and lighting along both sides of SR 5/US 1 from south of Bella Vista Boulevard to Big Oak Road in St. Johns County. Pond is leading the design effort on this project. Challenging issues include limited R/W, drainage impacts, utility impacts, and archeological concerns. Due to space constraints, the existing drainage system was redesigned to accommodate the proposed sidewalk. Drainage modifications included piping and regrading several ditches; analyzing cross drains; and ensuring that the new sidewalk did not impact drainage of adjacent properties.

SR 111 (Cassat Avenue) at SR 128 (San Juan Avenue) Signal Upgrade | FDOT District 2 | Project Engineer. This project consists of upgrading the traffic signals and ADA features at the intersection of SR 111 and SR 128. This project includes right-of-way acquisition, miscellaneous roadway design, temporary traffic control design, signal design, signing and pavement marking design, and utility coordination.

8th Street Mobility Corridor & Intersection Improvements | Jacksonville Transportation Authority (JTA) | Project Engineer. This project includes modifications to the 8th Street corridor adjacent to I-95 in Jacksonville, Florida associated with the JTA Complete Streets Study. These modifications include pedestrian improvements with crosswalks, ADA curb ramp improvements, pedestrian signal improvements, keyhole bike lanes, and shared lane bicycle markings. Additional tasks including milling and resurfacing and signal loop replacement.

SR 189 at Carmel Drive / Clifford Street Intersection Improvements | FDOT District 3 | Project Engineer. This project consists of adding two turn lanes on SR 189 and one turn lane on Clifford St at the intersection of SR 189 and Carmel St/Clifford St. This project includes roadway design, signal design, right of way acquisition, utility relocations, and drainage design. The drainage design included replacing inlets and pipe due to turn lane widening.

Roundabout at University Blvd & Merrill Road | JTA | Project Engineer. Pond is currently completing the design for this TURBO Roundabout to replace the existing intersection of University Blvd. and Merrill Road in Jacksonville. This project was identified as part of the JTA MobilityWorks Complete Streets Initiative. As part of the design project, Pond performed analysis of the roundabout and other intersection improvements and conducted extensive community outreach. Project tasks include roadway and drainage design, permitting, pavement design, landscape design, utility coordination, right-of-way acquisition, and public involvement including a public hearing.

EDUCATION/TRAINING

- BSCE, University of North Florida, 2015

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Florida #91215

YEARS OF EXPERIENCE

- 6 years



Duane Merrell, PE
SENIOR STRUCTURAL ENGINEER

Duane has more than 40 years of engineering experience in structural design including the management and design of more than 50 FDOT bridges in his career. His experience on bridge replacement, widening and repair projects spans across Florida on projects ranging from local off-system roadways to limited access interstate facilities. His experience includes cast-in-place flat slab, pre-stressed concrete, post-tensioned concrete, and steel girder bridge structures, concrete box culverts, and miscellaneous highway structures. He is thoroughly familiar with the FDOT plan development processes, design standards, and specifications.

EDUCATION/TRAINING

- BCE, University of Michigan, 1979

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Florida #36843

YEARS OF EXPERIENCE

- 40 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

A1A Safety Project | City of St. Augustine/FDOT District 2 LAP | Project Engineer. The project consisted of designing and constructing safety improvements on SR A1A at the Castillo de San Marco Fort. The improvements included sidewalk and crosswalk improvements, pedestrian wayfinding signs, pedestrian and roadway lighting, intersection improvements, roadway milling and resurfacing, signalization including new mast arm signal structures, signing and pavement marking.

Collins Road and Plantation Bay Drive Traffic Signals | FDOT District 2 | Structural Engineer. The project involves the structural design of four, single-arm mast signal structures for the intersection of Collins Road and Plantation Bay Drive. Pond staff were responsible for structural design and post design services including reviewing shop drawings and responding to Requests for Information during construction.

SR 292 at SR 727 and SR 295 at CR 298A | FDOT District 3 | Structural Engineer. This project includes two intersection improvements in Pensacola. SR 292 at SR 727 includes the construction of additional turn lanes that required additional right-of-way and wetland permitting, and signal and structural design for one new mast arm. Improvements at SR 295 at CR 298A include realigning existing left turn lanes in the median to provide positive offset, the addition of two exclusive right turn lanes, and the design of two new mast arms.

SR 50 Resurfacing | FDOT District 5 | Sr. Structural Engineer. This project consists of milling and resurfacing approximately two miles of a five-lane urban section with on-street parking and sidewalks on both sides. The project also includes reconstructing over 50 curb ramps to correct ADA deficiencies, 12 signalized intersections and 16 un-signalized intersections, and extensive utility coordination. Duane developed a structural detail for a special flume that is ADA-compliant and does not interfere with a future mast arm.

SR 326 at CR 25A Intersection Improvements | FDOT District 5 | Structural EOR. This project included modifications at SR 326 and CR 25A in Marion County. Improvements included widening associated with the addition of a dedicated southbound right turn lane on CR 25A while reconstructing the radius in NE corner to better accommodate truck turning movements. Pond staff provided structural design services including the design of box span strain pole structure.



David Finley, PE
SENIOR STRUCTURAL ENGINEER

David is a registered professional engineer with 37 years of structural engineering experience. His bridge design experience includes prestressed concrete girder bridges, flat slab bridges, and steel plate girder bridges. David's bridge projects include new construction, widenings, rehabilitation, and repairs. His highway structures experience includes box culverts, overhead sign structures, retaining walls, mast arms, and strain pole signal structures. David also provides construction assistance services such as analysis of bridges for construction crane loading, analysis of bridge components for out-of-tolerance materials, pile driven out of design location, and re-design for improved constructability/economy.

EDUCATION/TRAINING

- BSCE, University of Florida, 1984

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Florida #40119

YEARS OF EXPERIENCE

- 37 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Districtwide Miscellaneous Design Contract | FDOT District 3 | Task Manager. Pond staff are currently providing structural design support for this District 3 Miscellaneous Minor Design Contract. A representative task work order includes the design of four mastarms at the intersection of US 98 and Cauley Avenue in Bay County. An additional task work order completed under this contract was the design of spread footings for light poles to resolve potential utility conflicts on SR 69 (Pear Street) from Blountstown High School to South of Pine Street.

Standard Mast Arm Drawings | Seminole County | Structural EOR. Project work included the development of standard drawings for decorative mast arms to be used throughout Seminole County. Drawings have been updated periodically as AASHTO/FDOT criteria was revised. The drawings allow for the selection of pre-designed drilled shaft foundations based upon structure base reactions and site soil conditions.

US 17/92 Design-Build | FDOT District 5 | Structural EOR. This project included the design of 28 mast arms with drilled shaft foundations along US 17/SR 92 in Volusia County. Special foundations were required at some locations to resolve utility conflicts.

General Engineering Consultant Contract | FDOT District 2 | Task Manager. David has managed the review of more than 50 design and bidability reviews for the General Engineering Consultant (GEC) contract. These reviews ensure compliance with FDOT Criteria: PPM, Structures Manual, and Estimate & Design Bulletins. The types of plans reviewed include Category 1 & 2 Bridges, Miscellaneous Structures (Fenders, Walls, etc.), Roadway, MOT, Signing & Pavement Markings. Reviews have included both in-house designs and designs by outside consultants.

10th Street Widening | Volusia County | Structural EOR. This project included construction of 1,200 linear feet of double concrete box culverts with two custom junction boxes. Special structural analysis and detailing of the box culverts was needed for the railroad Cooper E80 loading and for the skewed roadway crossings of the box culvert. The design provided for phased construction to maintain FEC rail traffic and to maintain water flow in the Gabordy Canal.



Michael Savage
ENVIRONMENTAL

Michael is an Environmental Services Project Manager who leads the efforts of engineers, planners and scientists to effectively provide innovative solutions to challenging environmental issues. His extensive experience includes feasibility studies, local, state and federal environmental permitting and entitlement, biological studies and Endangered Species Act permitting, cultural resources assessments and State Historic Preservation Office concurrence, wetland delineation, functional assessment and mitigation planning, glint and glare analysis and FAA and DOD clearance. Michael's 17 years of public and private sector regulatory experience has resulted in strong professional relationships with agency regulators. These well-established relationships allow for Michael to anticipate regulatory pitfalls, deliver clean and efficient deliverables and seamlessly navigate the complex web of environmental regulations.

EDUCATION/TRAINING

- BS, Marine Biology, Texas A&M University, 2002

YEARS OF EXPERIENCE

- 17 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Environmental Services for New Public Works Facility | City of Palm Coast | Environmental Lead. Michael is leading Pond's environmental efforts for the design of the new 177,000 SF public works project. The newly developed site will include administrative space, a vehicle maintenance shop, associated parking for employees and visitors, and three retention ponds.

Wetland Permitting and Mitigation Banking Master Plan | Jekyll Island Authority | Project Manager. Pond is providing environmental consulting support for completion of the Jekyll Island Golf Master Plan. Pond is responsible for determining potentially regulated resources on or near the site, identifying environmental concerns and regulated resources, screening of potential jurisdictional resources, environmental feasibility studies, GIS mapping, and permitting assistance.

Jackson 5 Solar Sites | Confidential Client | Marketing Executive and Project Manager.* Conducted comprehensive permitting services in support of the development of five 50-MW solar facilities for JEA. Services included: site due diligence and critical issues analyses, Dossier recommendations, Phase I Environmental Site Assessments, Phase I Cultural Resources Assessments, local land use and zoning support, wetland delineations, listed species surveys, Alta and topographic surveys, geotechnical investigations, civil engineering and design, construction plan approval, photosimulations and public outreach, state environmental resource permitting, well and septic permitting, driveway and road improvement permitting.

Duval-Raven 230-kV Transmission Line Permitting, FPL | FDEP | Project Manager.* Project involved permitting of a 39-mile-long transmission line in Duval, Nassau, Baker and Columbia counties, Florida. Provided FDEP review of the wetland delineations, environmental impact statements, sovereign submerged lands easement, compensatory mitigation plan and cumulative impact assessment under the state's Transmission Line Siting Act certification. Worked with applicant and consultants to address heightened public concerns through public education and information sessions. Coordinated review with U.S. Army Corps of Engineers, state and federal fish and wildlife agencies and the state historic preservation officer.

**denotes previous experience*



Kaili Stevens
ENVIRONMENTAL

Kaili is an Environmental Field Lead and Regulatory Specialist with significant experience on linear energy projects. Her expertise includes wetland delineation, environmental liabilities evaluation, Section 401/404 permitting, Endangered Species Act studies, state and local stream buffer identification and permitting, botanical and zoological surveys, Phase 1 assessments, NEPA analysis and documentation, and GIS/ GPS applications. Kaili has delineated and permitted more than 100 miles of natural gas pipelines in the southeast as well as many other linear and site projects for energy, industrial, development, and government projects.

EDUCATION/TRAINING

- MS, Natural Resources, University of Delaware, In-Progress
- BS, Forest Resources and Wildlife Biology, University of Georgia, 2012

REGISTRATIONS/CERTIFICATIONS

- Level 1A Georgia Soil and Water Conservation
- EPA Lead Inspector
- EPA Asbestos Inspector
- Authorized Gopher Tortoise Agent

YEARS OF EXPERIENCE

- 8 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Calpine Phase 1 Environmental Site Assessment | Florida Public Utilities (FPU) | Scientist II. Kaili performed a Phase 1 Environmental Site Assessment to determine potential environmental liabilities or concerns associated with the acquisition of properties involved in the Calpine and Auburndale Power Partners easements. This site visit was also used to evaluate waters of the US within the site, potential endangered species habitat, and identify the needs for any further survey or sampling analysis. She thoroughly reviewed environmental databases for historic records of hazardous materials on, and adjacent, to the subject property.

Westlake to Arden Pipeline, Palm Beach County, FPU | Scientist II. Kaili performed pre-site desktop investigations and conducted a field visit to delineate waters of the US and state waters located within the proposed easements, potential endangered species habitat, and any further environmental constraints to influence the proposed pipeline alignment. Kaili also coordinated with various state agencies and management districts to secure appropriate permits for project success.

Paulding Tap & Main Pipeline | AGL Resources, Douglas & Paulding Counties, GA | Scientist II. Kaili conducted the desktop survey and waters delineations and worked to create technical reports and permit applications for this approximately 6-mile pipeline. She also prepared the NPDES Notice of Intent (NOI) and Erosion, Sedimentation, and Pollution Control (ES&PC) plan for the project and compiled the environmental construction manual (ECM) for the on-site contractors.

Westlake to Arden Pipeline | Palm Beach County, FPU | Scientist II. Kaili and the Pond Environmental Services (ES) team performed a field visit to delineate waters of the US and state waters located within the proposed easements, potential endangered species habitat, and any further environmental constraints to influence the proposed pipeline alignment. Pond ES secured permits for work through various state agencies.



Richard Fangmann, PE PTOE
DIRECTOR OF TRAFFIC ENGINEERING

Richard is a professional engineer with 28 years of experience in transportation engineering and planning. He is experienced in intersection design and operations, traffic operations analysis, traffic signal design, ITS and communications design, traffic simulation, traffic studies, interchange justification reports, and access management. Richard has prepared traffic and transportation studies for corridors and intersections, as well as City and County wide studies. He has worked with clients in City, County, and State agencies, as well as other transportation consultants. His project experience includes several projects for which he performed project/task oversight, supervision, and quality control roles.

EDUCATION/TRAINING

- MSCE, Georgia Institute of Technology, 1992
- BSCE, Georgia Institute of Technology, 1991

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Florida #78263

YEARS OF EXPERIENCE

- 28 years

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

Roundabout at University Blvd & Merrill Road | Jacksonville Transportation Authority (JTA) | Senior Traffic Engineer. Pond is currently completing the design for this TURBO Roundabout to replace the existing intersection of University Blvd. and Merrill Road in Jacksonville. This project was identified as part of the JTA MobilityWorks Complete Streets Initiative. As part of the design project, Pond performed analysis of the roundabout and other intersection improvements and conducted extensive community outreach. Project tasks include roadway and drainage design, permitting, pavement design, landscape design, utility coordination, right-of-way acquisition, and public involvement including a public hearing.

Jacksonville Regional Transportation Center Traffic Signals | JTA | Senior Traffic Engineer. Pond completed the architectural design, site design, landscape design, and traffic design associated with several signals and intersections in the vicinity of the Jacksonville Regional Transportation Center (JRTC) in downtown Jacksonville. The design scope included roadway improvements that further separated bus traffic from private vehicles. By allowing buses to enter the site via a dedicated bus lane, this relieves the private vehicle of integrating with bus traffic and creates a dedicated, safe passenger drop-off lane. Two signal modifications were completed along with fiber optic communications between all signalized intersections.

Traffic Study & Safety Projects | City of St. Augustine | Senior Traffic Engineer. Pond has a Continuing Service contract with the City of St. Augustine for roadway, traffic, and transportation engineering. As part of this contract, we have worked on several traffic safety studies and a mid-block crossing.

SR 111 (Cassat Avenue) at SR 128 (San Juan Avenue) Signal Upgrade | FDOT District 2 | Traffic EOR. This project consists of upgrading the traffic signals and ADA features at the intersection of SR 111 and SR 128. This project includes right-of-way-acquisition, miscellaneous roadway design, temporary traffic control design, signal design, signing and pavement marking design and utility coordination.

SR 10 (Atlantic Blvd) at Empire Point Signal Upgrade | FDOT District 2 | Traffic EOR. This project consists of upgrading the traffic signals and ADA features at the intersection of SR 10 and Empire Point. This project includes right of way acquisition, miscellaneous roadway design and Temporary Traffic Control. Responsibilities include Project Management, Roadway Design, TTC Design, Signal Design, Signing and Pavement Marking Design and assisting with Utility Coordination.



Zach Puckett, PE, IMSA II
TRAFFIC ENGINEER

Zach has worked on several transportation design and planning projects since his start with Pond in 2012. He has experience with various engineering projects, including safety improvements and urban roadway design, traffic signal design, and Intelligent Transportation Systems (ITS) design with both local municipalities and state agencies. Zach is familiar with the design standards and has skilled knowledge and technical experience with design and analysis software.

Relevant Project Experience to SR-A1A / Mickler Road Intersection Improvements Design & Permitting

SR 5 (US-1), Sidewalks and Lighting | FDOT District 2 | Traffic Engineer. This project will add sidewalk and lighting along both sides of SR 5/US 1 from south of Bella Vista Boulevard to Big Oak Road in St. Johns County. Pond is leading the design effort on this project. Challenging issues include limited R/W, drainage impacts, utility impacts, and archeological concerns.

Jacksonville Regional Transportation Center Traffic Signals, Jacksonville Transportation Authority (JTA) | Traffic Engineer. Pond completed the architectural design, site design, landscape design, and traffic design associated with several signals and intersections in the vicinity of the Jacksonville Regional Transportation Center (JRTC) in downtown Jacksonville. The design scope included roadway improvements that further separated bus traffic from private vehicles. By allowing buses to enter the site via a dedicated bus lane, this relieves the private vehicle of integrating with bus traffic and creates a dedicated, safe passenger drop-off lane. Two signal modifications were completed along with fiber optic communications between all signalized intersections.

SR 189 at Carmel Drive / Clifford Street Intersection Improvements | FDOT District 3 | Traffic Engineer. This project consisted of adding two turn lanes on SR 189 and one turn lane on Clifford St at the intersection of SR 189 and Carmel St/Clifford St. This project included roadway design, drainage design, signal design, right of way acquisition, utility relocations, and drainage design.

SR 111 (Cassat Ave) at SR 128 (San Juan Ave) Signal Upgrade | FDOT District 2 | Traffic Engineer. This project consists of upgrading the traffic signals and ADA features at the intersection of SR 111 and SR 128. This project includes right-of-way acquisition, miscellaneous roadway design, temporary traffic control design, signal design, signing and pavement marking design and utility coordination.

Traffic Study & Safety Projects | City of St. Augustine | Traffic Engineer. Pond has a Continuing Service contract with the City of St. Augustine for roadway, traffic, and transportation engineering. As part of this contract, we have worked on several traffic safety studies and a mid-block crossing.

EDUCATION/TRAINING

- BSCE, Georgia Institute of Technology, 2012

REGISTRATIONS/CERTIFICATIONS

- Professional Engineer, Georgia #042056
- GSWCC - Level II Certified Design Professional
- IMSA Traffic Signal Technician Level II

YEARS OF EXPERIENCE

- 9 years

CHRIS M. EGAN, PE

GEOTECHNICAL DEPARTMENT MANAGER



REGISTRATIONS/AFFILIATIONS

Professional Engineer: FL, GA, VA
Florida Engineering Society (FES)

EDUCATION

Masters of Engineering, 2011,
Civil Engineering, University
of Florida, Gainesville, FL
Bachelor of Science, 2010,
Civil Engineering, University
of Florida, Gainesville, FL

EXPERIENCE

Industry: 10 Years
ECS: 10 Years

PROFESSIONAL PROFILE

Mr. Chris Egan is a Geotechnical Department Manager for ECS. His responsibilities include scoping, preparation and execution of final reports of subsurface exploration and geotechnical engineering analyses. He has performed numerous subsurface explorations for industrial, residential, and commercial clients. Egan is also responsible for managing Construction Materials Testing and Threshold Inspection projects for residential, commercial and industrial clients.

PROJECT EXPERIENCE

CR 210 Widening from Greenbriar Road to Cimarrone Road, St. Johns County, FL Project Manager for the geotechnical exploration and engineering analysis for the widening of a portion of County Road 210. The project consisted of widening a two-lane rural road section to a four-lane roadway with additional signal structures, stormwater ponds, and a box culvert extensions. An existing bridge will also be widening over Trout Creek to accommodate the additional travel lanes.

Race Track Road Widening over Durbin Creek, St. Johns County, FL Project Manager for the geotechnical exploration and engineering analysis for the widening of Race Track Road (County Road 210) over Durbin Creek in St. Johns County. The project consisted of widening the current two-lane road to a four-lane road, as well as the addition of a second bridge over Durbin Creek to accommodate the widened roadway. The exploration consisted of several borings and muck probes to evaluate the conditions in the vicinity of the new bridge structure and roadway alignment. Additionally, the bridge approach slab and embankment are proposed for a wetland area. Therefore, effort to delineate presence and extents of organic materials and groundwater conditions were considered.

Coastline Drive and Liberty Street Bridge Replacements, St. Johns County, FL Project Manager for the geotechnical exploration and engineering analysis for the replacement of the bridge sections of Coastline Drive and Liberty Street in Jacksonville. The project consists of the demolition of the existing bridge structures and construction of suitable replacement structures supported on deep foundations within the St. Johns River. The bathymetry of the river in this area includes relatively steep slopes due to previous dredging and foundation design includes 18-inch precast, pre-stressed concrete piles with variable lengths. The exploration consisted of several borings adjacent to the bridge structure, both on the land side as well as on a barge in the river.



CHRIS M. EGAN, PE
GEOTECHNICAL DEPARTMENT MANAGER

PROJECT EXPERIENCE

Roscoe Boulevard Bridge, St. Johns County, FL Project Manager for the geotechnical exploration and engineering analysis for the observed distress of the culvert structure and roadway. The project consisted of an engineer observing the conditions of the culvert structure and evaluating the cause of the observed distress. It was determined that erosion occurred during a recent hurricane and support of the culvert walls was compromised. A contractor was already on site for roadway resurfacing so it was determined that over-excavation of loose soils and recompaction would be the most economical solution.

Dunn Avenue Roadway Depressions, St. Johns County, FL Project Manager for the geotechnical exploration and engineering analysis for the observed depressions along Dunn Avenue. The project consisted of an evaluation of the soil and groundwater conditions in the roadway depressions. The depressions were observed periodically along the roadway for a distance of over 1 mile. The exploration consisted of several SPT borings to evaluate the loose soils and recommend an engineering fix for the depressions. It was determined that injecting polyurethane grout at the depression areas would stabilize the soils and be an economical solution to reduce the potential for future settlement in these areas.

CR 210 Widening West of Twin Creeks DRI, St. Johns County, FL Project Manager for geotechnical exploration for the design improvements at CR 210 which included widening the roadway from a 2-lane rural roadway section to a 4-lane divided highway with curb and gutter from EW Pappy Road to the Twin Creeks DRI (approximately 3,500 feet of roadway).

International Golf Parkway and World Commerce Parkway, St. Johns County, FL Senior Engineer for geotechnical exploration for a proposed expansion of three new mast arms and three turn lane extensions at the intersection of International Golf Parkways and World Commerce Parkway. The objective of the geotechnical exploration was to provide site and subsurface information to evaluate the subsurface conditions for the proposed expansion. The project included drilling of soil borings, laboratory testing of representative soil samples for pertinent engineering properties, various engineering analyses, and preparation of an engineering report.

Oyster Creek Basin Improvements, St. Johns County, FL Senior Engineer for geotechnical exploration to evaluate the subsurface conditions located on the west side of N Rodriguez Street, south of Evergreen Street in St. Augustine, St. Johns County, Florida. The objective of the project was to determine the borrow suitability of a proposed stormwater management pond. To obtain the necessary geotechnical information required for design of the planned construction, ECS located and performed four auger borings, drilled to depths of approximately 25 feet below the existing ground surface along the location of the new stormwater management pond area. A laboratory-testing program was also implemented to characterize the physical and engineering properties of the subsurface soils.

Nocatee Town Center West Roads, St. Johns County, FL Senior Engineer for the geotechnical exploration to evaluate the general subsurface conditions within the proposed roadway areas, and to provide pavement design, site preparation and earthwork recommendations. The existing roadway areas were located south of the Old Palm Valley Road and east of the intersection of Cross Town and Preservation Trail. Two additional roadways were proposed in the Nocatee Town Center area. The first roadway would connect Cross Town Drive with Nocatee Village Drive. The second roadway would connect the first roadway with Preservation Trail. The proposed roadways were shown crossing two wetland areas. To determine the subsurface conditions, ECS located and performed seven auger borings as well as performed muck probes.



DAVID SPANGLER, PE

SUBSIDIARY DIRECTOR OF GEOTECHNICAL SERVICES



PROFESSIONAL PROFILE

David Spangler has managed hundreds of geotechnical investigations throughout Florida and the Southeast with 23 years of technical and management experience. His areas of expertise include geotechnical design and construction of shallow and deep foundations for low- and high-rise buildings, housing developments, bridges and roadways, stormwater management facilities, marine facilities, dikes, cofferdams, piers, docks, pipelines, wharves, and other soil retaining structures. Additionally, Spangler has performed and managed many construction materials testing projects.

REGISTRATIONS

Professional Engineer: FL, GA
Florida Engineering Society (FES)

SKILLS

OSHA 10 Hour Outreach Training
Program - Construction

EDUCATION

Bachelor of Science, 1997, Civil
Engineering, Florida State University

EXPERIENCE

ECS: 14 Years
Industry: 23 Years

PROJECT EXPERIENCE

SR 16 Widening from IGP to San Giacomo Road, St. Johns County, FL Senior Geotechnical Engineer for geotechnical exploration and analysis for the design of pavements and stormwater management facilities for the proposed widening of SR 16 from International Golf Parkway to San Giacomo Road and the construction of two stormwater management ponds. ECS performed three separate field explorations consisting of performing auger borings and asphalt cores, obtaining soil samples, obtaining LBR bulk samples, and measuring encountered groundwater levels along the proposed project alignment.

Shearwater Phase 2D Creek Crossing, St. Johns County, FL Senior Geotechnical Engineer for geotechnical exploration of the proposed construction of Shearwater Parkway crossing over an existing creek. As part of this crossing, a wildlife crossing and 6 feet by 10 feet box culvert was to be installed. ECS personnel determined the boring locations using handheld Global Positioning System (GPS) units. ECS performed three Standard Penetration Test (SPT) borings, drilled to depths of approximately 30 feet below the existing ground surface, to explore the subsurface conditions below the proposed culvert and wildlife crossing. Split-spoon soil samples recovered during performance of the borings were visually classified in the field and representative portions of the samples were transported to our laboratory for further evaluation.

K9s for Warriors Turn Lane, St. Johns County, FL Senior Geotechnical Engineer for subsurface exploration, laboratory testing, and geotechnical engineering analyses for the proposed construction of a right turn lane approximately 500 feet in length located along the northeast side of US-1 (State Road 5), south of its intersection with Race Track Road. At the time of our exploration, US-1 was a four-lane, divided, asphalt roadway with swales alongside the southern portion and median of the roadway. To obtain the necessary geotechnical information required for design of the planned construction, the exploration consisted of performing auger borings, obtaining soil samples, obtaining LBR bulk samples, and measuring encountered groundwater levels along the proposed project alignment.



DAVID SPANGLER, PE

SUBSIDIARY DIRECTOR OF GEOTECHNICAL SERVICES

PROJECT EXPERIENCE

CR 210 Widening West of Twin Creeks DRI, St. Johns County, FL Senior Geotechnical Engineer for geotechnical exploration for the design improvements at CR 210 which included widening the roadway from a 2-lane rural roadway section to a 4-lane divided highway with curb and gutter from EW Pappy Road to the Twin Creeks DRI (approximately 3,500 feet of roadway). To obtain the necessary geotechnical information required for design of roadway, five soil test borings were performed at locations selected by ECS. These borings were located at regular intervals along the widened roadway. A laboratory-testing program was also implemented to characterize the physical and engineering properties of the subsurface soils.

David has also been the Senior Geotechnical Engineer on several other CR 210 widening projects: CR 210 at Johns Creek, CR 210 from C.E. Wilson Road to US1, CR 210 at I-95 Improvements, CR 210 Bridge over Sampson Creek, and CR 210 from Greenbriar Road to Cimarrone Blvd.

Twenty Mile Village (East & West, Phase II), St. Johns County, FL Construction includes single-family residential structures, with access roadways and stormwater management ponds, and two lift stations. Prior to Phase II now taking place, E&A advanced borings, performed permeability tests, and provided drawdown analysis in the Fall of 2010. Due to significant revisions to the planned layout, additional roadway, pond, and lift station borings, and supplemental drawdown analysis were required to complete design and permitting before Phase II could begin. The previous exploration was performed to obtain data for drawdown analysis of the planned pond alignment, but the alignment was revised, new ponds added, and planned normal water levels of the ponds had also changed. Therefore, most (if not all) of the planned ponds required new drawdown analysis to determine post-development impacts to adjacent wetlands and cut-off walls. Additionally, supplemental pond borings were required in several of the pond areas to satisfy County permitting criteria. Spangler served as Senior Project Engineer for the recent exploration performed to evaluate subsurface conditions within the proposed roadway, stormwater ponds, and the lift station areas, and he provided pavement design, site preparation and earthwork recommendations. Additionally, permeability tests were performed within proposed pond areas to estimate drawdown of the groundwater level that could occur due to pond construction.

Cordova Palms - SR 313 at US1, St. Johns County, FL Senior Geotechnical Engineer for geotechnical exploration to provide recommendations for site preparation, foundation support and pavement design for proposed road improvements located on State Road 5 (U.S. Highway 1), approximately 2 to 2.5 miles south of International Golf Parkway in St. Johns County, Florida to include a mast arm, jack and bore, and pavement areas. At the time of our exploration, the roadway consisted of a rural multilane asphaltic highway (2 lanes each direction) with left turn lanes, a grassed median, and drainage ditches. The project site was relatively level with slight slopes downward away from the roadway centerline. Field exploration included the location and performance of Standard Penetration Test (SPT) borings, auger borings, and pavement cores.

Mast Arms Signalization Structures- Longleaf/Durbin, St. Johns County, FL Senior Geotechnical Engineer to provide geotechnical exploration of the proposed construction of four mast arm signalization structures located at the four corners of the intersection of Longleaf Pine Parkway and Durbin Parkway. At the time of the exploration, the site was developed and the surface cover at the boring locations consisted of grass. To obtain the necessary geotechnical information, four Standard Penetration Test (SPT) borings, drilled to a depth of 35 feet below the existing ground surface, were performed at the locations of the mast arms. Split-spoon soil samples recovered during performance of the borings were visually classified in the field and representative portions of the samples were transported to our laboratory for further evaluation. Based on the results of the boring, ECS considered the subsurface conditions adaptable for support of the proposed mast arm signalization structures upon properly designed drilled shaft foundations.





C. William "Bill" Faust, III, PSM
Jacksonville Regional Manager



C. William "Bill" Faust, III, PSM, is the Jacksonville Survey Manager for DRMP's Surveying and Mapping/Geospatial Division. He currently manages all the Survey and Subsurface Utility Engineering staff in Jacksonville and serves as Project Manager on transportation infrastructure, land development, roadway construction, boundary, topographic, design survey and subsurface utility engineering projects. His tasks include field crew supervision, data processing, calculations, contract management, proposals and estimates. Mr. Faust is proficient in the latest versions of AutoCAD Civil 3D and MicroStation.

Mr. Faust has more than 30 years of experience as a professional land surveyor in the A&E industry working on building construction, land development and public infrastructure projects. He has strong technical skills in land surveying, construction layout, engineering design and project management. Mr. Faust has more than 25 years of experience using CAD software and other surveying software to prepare survey drawings and engineering plans.

RELEVANT PROJECT EXPERIENCE

Continuing Engineering Services, St. Johns County, Florida: Project and Contract Manager for miscellaneous surveying and mapping services on a continuing basis for St. Johns County Engineering Division. Specific services include boundary surveys, topographic surveys, horizontal and vertical control surveys and subsurface utility designation and location. Mapping support services included parcel maps, sketches and legal descriptions of easements, title search reviews and maintenance maps.

- **Bishop Estates Stormwater Improvements, St. Johns County, Florida:** Project Surveyor for the surveying services to support design and acquisition activities for the St. Johns County Bishop Estates Road Stormwater Improvement Project. These services supported the engineering through a grant with the FDEP TMDL program. Included in our duties were establishment of horizontal and vertical control, baseline of survey, topographic/Digital Terrain Model surveys, subsurface utility designation/verification and right-of-way/property line determination. These services were used as the basis of engineering design for improvements within Bishop Estates Road. Also, legal description and sketches were prepared for drainage easements on private parcels that were required in connection with these improvements.

Continuing Professional Services, 17-MAS-DRE-08061, St. Johns County, Florida: Project Surveyor for miscellaneous surveying and mapping services on a continuing basis for St. John's County Engineering Division. Specific services include boundary surveys, topographic surveys, horizontal and vertical control surveys and subsurface utility designation and location. Mapping support services included parcel maps, sketches and legal descriptions of easements, title search reviews and maintenance maps.

Surveying and Mapping Continuing Services, City of St. Augustine, St. Johns County, Florida: Project Surveyor responsible for providing surveying and mapping services on a continuing basis. Services included design surveys, as-built surveys, bathymetric surveys, utility surveys, boundary and topographic surveys, establishment of survey baselines for horizontal and vertical control, legal descriptions and map preparation, right-of-way mapping and determination, utility maintenance mapping, coordination with project engineer for project-specific survey information and other special consultation.

- **Plat Review, City of St. Augustine, St. Johns County, Florida:** Project Surveyor for the statutory-required plat review as part of the platting process for Coquina Shores, a small three-lot subdivision along Comanche Creek.

Years of Experience
 32 Total
 8 With Firm

Professional Registration
 Professional Surveyor and Mapper,
 No. LS6600, Florida, 2007
 Professional Surveyor
 No. 7789, Ohio, 1996

Certification
 CSX Roadway Worker Protection
 FDOT Maintenance of Traffic
 IdenTrust Digital Certificate

Education
 Bachelor of Science in Construction
 Technology, University of
 Akron, Ohio, 2000
 Associate of Science in Civil Engineering,
 Stark State College, North
 Canton, Ohio, 1992

Software Aptitude
 AutoCAD Civil 3D
 CAICE Visual Transportation
 MicroStation
 OpenRoads with FDOT Connection
 TDS Data Collection

Professional Affiliations
 Florida Surveying and Mapping Society
 President, FSMS Florida Crown Chapter
 American Society of Highway Engineers
 Society of American Military Engineers
 National Society of Professional
 Surveyors



Ryan Grab, CST II

Subsurface Utility Engineering Manager



Ryan Grab, CST II, serves as Subsurface Utility Engineering Coordinator and Subsurface Utility Engineering and Survey Crew Chief/Survey Technician. His responsibilities include the coordination and supervision of subsurface utility engineering and survey crews, project planning, utility coordination and preparation of deliverables.

Mr. Grab's technical experience includes subsurface utility designation (CI/ASCE 38-02-QL-B) and location (CI/ASCE 38-02-QL-A) for large right-of-way projects and smaller sites and obtaining survey data for the various types of surveys. He has experience working with utility designating equipment such as Mala GPR (HDR Pro, RAMAC), RD1000 GPR, EM Locators; Vivax vLoc, 3M Dynatel, Subsite, Metrotech, as well as, various survey hardware/software packages such as TSC, TDS Ranger, TDS Survey Pro on HP 48GX, SURVCE on Carlson 600, Robotics and Allegro with EFB. He has experience with radio and network RTK GPS and static GPS using Trimble, LEICA and Carlson software packages.

RELEVANT PROJECT EXPERIENCE

Continuing Engineering Services, St. Johns County, Florida: Subsurface Utility Manager for miscellaneous surveying and mapping services on a continuing basis for St. John's County Engineering Division. Specific services include boundary surveys, topographic surveys, horizontal and vertical control surveys and subsurface utility designation and location. Mapping support services included parcel maps, sketches and legal descriptions of easements, title search reviews and maintenance maps.

- Bishop Estates Stormwater Improvements, St. Johns County, Florida:** Subsurface Utility Manager for the surveying services to support design and acquisition activities for the St. Johns County Bishop Estates Road Stormwater Improvement Project. These services supported the engineering through a grant with the FDEP TMDL program. Included in our duties were establishment of horizontal and vertical control, baseline of survey, topographic/Digital Terrain Model surveys, subsurface utility designation/verification and right-of-way/property line determination. These services were used as the basis of engineering design for improvements within Bishop Estates Road. Also, legal description and sketches were prepared for drainage easements on private parcels that were required in connection with these improvements.

Continuing Professional Services, 17-MAS-DRE-08061, St. Johns County, Florida: Subsurface Utility Manager for miscellaneous surveying and mapping services on a continuing basis for St. John's County Engineering Division. Specific services include boundary surveys, topographic surveys, horizontal and vertical control surveys and subsurface utility designation and location. Mapping support services included parcel maps, sketches and legal descriptions of easements, title search reviews and maintenance maps.

Shands Bridge and St. Johns County Design Build Support, Reynolds, Smith and Hills, Inc., St. Johns County, Florida: Mr. Grab served as a SUE Field Manager and SUE Crew Leader for this project. The team surveyed the utilities within a 5-mile corridor for this roadway design project.

SR 16 (Green Acres to SR 5), FDOT District Two, St. Johns County, Florida: Subsurface Utility Engineering Coordinator and Subsurface Utility Engineering Crew Chief for this sidewalk reconfiguration project with St. Johns County including utility designation (CI/ASCE 38-02-QL-B) for the entire corridor and utility location (CI/ASCE 38-02-QL-A) test holes for VVH.

Years of Experience

22 Total
10 With Firm

Certification

Certified Survey Technician II,
#0912-4528, June 2017
Acquisition (Certificate Levels
3 & 5) -- US Air Force
GDOT Plan Development
Process Certified, 2020
CSX e-RAILSAFE System Badge
CSX Roadway Worker Certification
FDOT Maintenance of Traffic
OSHA 10-Hour Safety Training
OSHA 1910.146 Permitted
Confined Space
Electromagnetic Locating Certification,
#WA347, Staking University
Certified Professional Utility Locator,
Utility Training Academy

Education

Geodetic Computer #FL12N060460,
Florida Department of Education, 2015
Surveyor Assistant #FL12N060460,
Florida Department of Education, 2014
Computer Studies, Community
College of the Air Force
Computer Operations/Satellite
Data Acquisition Specialist
(AFSC 3C051), US Air Force



Glenn Lusink, PSM

Principal,

Quality Assurance/Quality Control (QA/QC) Manager

Glenn Lusink, PSM, is a Vice President of DRMP and Principal leading the Surveying and Mapping/Geospatial Division. His responsibilities include contract administration, scope of services development, project coordination, technical oversight of staff and quality control and quality assurance of survey data and deliverables. He also serves as a Survey Project Manager for both public and private sector clients.

Mr. Lusink's experience with surveying and mapping includes producing and managing projects in varying degrees of complexity for transportation infrastructure (limited access and highway design), Department of Defense and Federal related projects, hospitality (theme parks and resorts) and continuing services contracts. During his career span, he has served in both the field and office providing him with a strong knowledge in field and office standards, which is essential to his role in administering the quality assurance/quality control of survey deliverables. Mr. Lusink has also taken on the leadership role for multiple survey and mapping teams of major projects and contracts to establish a cohesive team of professionals.

RELEVANT PROJECT EXPERIENCE

Continuing Engineering Services, St. Johns County, Florida: Project and Contract Manager for miscellaneous surveying and mapping services on a continuing basis for St. John's County Engineering Division. Specific services include boundary surveys, topographic surveys, horizontal and vertical control surveys and subsurface utility designation and location. Mapping support services included parcel maps, sketches and legal descriptions of easements, title search reviews and maintenance maps.

- **Bishop Estates Stormwater Improvements, St. Johns County, Florida:** Project and Contract Manager for the surveying services to support design and acquisition activities for the St. Johns County Bishop Estates Road Stormwater Improvement Project. These services supported the engineering through a grant with the FDEP TMDL program. Included in our duties were establishment of horizontal and vertical control, baseline of survey, topographic/Digital Terrain Model surveys, subsurface utility designation/verification and right-of-way/property line determination. These services were used as the basis of engineering design for improvements within Bishop Estates Road. Also, legal description and sketches were prepared for drainage easements on private parcels that were required in connection with these improvements.

Continuing Professional Services, 17-MAS-DRE-08061, St. Johns County, Florida: Project and Contract Manager for miscellaneous surveying and mapping services on a continuing basis for St. John's County Engineering Division. Specific services include boundary surveys, topographic surveys, horizontal and vertical control surveys and subsurface utility designation and location. Mapping support services included parcel maps, sketches and legal descriptions of easements, title search reviews and maintenance maps.

SR 16 from Toms Road (St. Augustine Premium Outlets) to SR 5A/San Marco Avenue, FDOT District Two, St. Johns County, Florida: Survey and Mapping Project Manager for the surveying and mapping and subsurface utility engineering services to support design effort of the 6-mile, 4-lane facility. The project included milling and resurfacing, ADA updates, drainage, permitting, maintenance of traffic, survey, signing and pavement marking, subsurface utility engineering, utility coordination and signalization.



Years of Experience

37 Total
37 With Firm

Professional Registration

Professional Surveyor and Mapper
No. 5977, Florida, 1999
Professional Land Surveyor No. 4485,
North Carolina, 2003
Professional Land Surveyor No. 27170-S,
Alabama, 2005

Certification

American Red Cross (First Aid/CPR/AED)
CSX e-RAILSAFE
CSX Roadway Worker Protection
Department of Defense
(RAPIDGate ID Credential)
e-RAILSAFE System Badge
FDOT Maintenance of Traffic
IdentTrust Digital Certificate
OSHA 1910.146 Permitted
Confined Space

Education

Orlando Tech, Academic Courses
Penn Foster, Hydrology Courses

Software Aptitude

AutoCAD Civil 3D
CAICE Visual Transportation
GEOPAK
MicroStation
Open Roads Designer
Starplus* Processing Software

Professional Affiliation

Florida Engineering Leadership
Institute - Class of 2013
Florida Surveying and Mapping Society
FSMS Florida Crown Chapter
National Society of Professional Surveyors
American Society of Highway Engineers
Florida Engineering Society
Society of American Military Engineers



Brandon Robbins, PSM
Right-of-Way Mapping Manager



Brandon Robbins, PSM, is a Survey Project Manager in DRMP's Surveying and Mapping/Geospatial Division in the Jacksonville office. He is currently responsible for the supervision and management of control and right-of-way mapping projects for the Florida Department of Transportation, District Two and Railroad projects covering the Southeast United States. Tasks include field supervision, data processing, calculations, contract and project management and proposals and estimates. Mr. Robbins is proficient in the latest versions of AutoCAD Civil 3D and MicroStation SS4.

Mr. Robbins has over 20 years of experience in the field of land surveying. He has managed, supervised, directed and supported survey technicians in boundary, topographic, route survey, construction and ALTA/ACSM Land Title Surveys. His experience includes projects using GPS for Control Surveys; RTK Network data collection utilizing Topcon GR3 and GR5 and Trimble GPS receivers; Land title and deed history research for Boundary and FDOT Right-of-way Surveys; Elevation Certificates for both commercial and residential building sites.

RELEVANT PROJECT EXPERIENCE

SR 9 / I-95 From St. Johns County Line to the Intersection with SR9A / I-295, Duval county, Florida: Project Surveyor responsible for revising right-of-way maps in support of additional pond sites.

SR 313 From SR 207 to SR 16, FDOT District Two, Clay And St. Johns County, Florida: Project Surveyor responsible for assisting in development of legal descriptions for required right-of-way along the project corridor. Performed quality control for completed right-of-way mapping on final mapping submittals.

SR 228 (Hart Expressway) Modifications, STV Inc., Duval County, Florida: Project Surveyor to manage and construct Transfer Maps between the FDOT and the City of Jacksonville in support of a redesign for the portion of roadway adjacent to Jaguars Stadium. Project limits are From St. Johns River to the Ramp Split at Monroe Street and Adams Street.

San Sebastian Bridge Replacement, LJA For Florida East Coast Railway, St. Johns County, Florida: Survey Project Manager for Topographic Design Survey and Railroad Bridge Survey in support of Engineering Design, permitting and construction for Railroad Bridge No. 36.64 replacement and addition.

SR 5A (King Street), FDOT District Two, St. Johns County, Florida: Project Surveyor for the preparation of right-of-way maps for a 0.5-mile portion of King Street in the City of St. Augustine. Responsible for performing various tasks, which included contact and coordination with District Two Maintenance and Surveying and Mapping Departments; supervision and coordination of field and office personnel and survey calculations.

SR 5/US 1 from the City of St. Augustine Gates to Big Oak Road, FDOT District Two, St. Johns County, Florida: Survey Manager in charge of design survey, control and right-of-way mapping from the City Gates of St. Augustine to Big Oak Road for development of sidewalks and lane improvements for 3.2-miles of roadway.

Years of Experience
 20 Total
 3 With Firm.

Professional Registration
 Professional Surveyor and Mapper
 No. 6741, Florida, 2009
 Land Surveyor-in-Training No. 202, 2004

Education
 Bachelor of Science, Natural Resources
 Management and Engineering,
 University of Connecticut, 1999
 Associate of Applied Science, Munitions
 System Technology, Air University/
 Community College of the Air Force, 1996

Certifications/Training
 TopCon GPS Training Course (2007)
 Elevation Certificate Course
 Interpretations of Legal
 Descriptions Course
 CSX -Roadworker Safety
 Protection Trainer

Software Aptitude
 TopCon FC100
 TDS Rangers
 Recon
 HP-48GS
 CAICE Visual Transportation
 DOS
 Arcview
 GEOPAK
 MicroStation V8i
 AutoCAD Civil 3D
 Land Desktop Development
 Eaglepoint
 Leica Geo-Office
 Carlson Survey

Professional Affiliation
 Florida Surveying and Mapping
 Society (Vice President -Florida
 Crown Chapter, 2020)
 American Society of Highway
 Engineers (ASHE)

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "P"

LIST OF PROPOSED SUB-CONSULTANTS

Each Respondent shall provide any and all sub-consultants or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including any and all licenses/certifications held. All proposed sub-consultants are subject to approval by the County.

DIVISION OF WORK

Geotechnical

Transportation Planning, Signal Design, Environmental

Surveying

NAME AND ADDRESS OF SUB-CONSULTANTS

ECS Florida, LLC, 11554 Davis Creek Ct, Jacksonville, FL 32256

Pond & Company, 1200 Riverplace Blvd #600, Jacksonville, FL 32207

DRMP Inc., 8001 Belfort Pkwy #200, Jacksonville, FL 32256



REQUEST FOR PROPOSALS
RFQ NO. 21-86

SECTION 3

Related Experience and References




**MATTHEWS
DESIGN GROUP**



Veteran's Parkway

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

Lennar Homes
9440 Philips Hwy., Ste. 7
Jacksonville, FL 32256
Scott Keiling
904-380-0779
Scott.Keiling@Lennar.com

KEY STAFF

Chris Buttermore, PE
Rob A. Matthews III, PE
Billy Almaguer, PE
Tyler Smith, PE
Pete Tisdale, EI
Dylan Scanlon, EI

KEY PROJECT ELEMENTS

- » Roadway Construction Plans
- » S&PM Plans
- » MOT Plans
- » Pedestrian Safety Features
- » Sidewalks
- » Drainage
- » Driveway Connections
- » Stakeholder Coordination
- » Permitting with County, SJRWMD, and FDOT

PROJECT DURATION

- » Design: 02/2020 - 01/2021
- » Construction: Ongoing

PROJECT FEE

- » \$603,700
- » Construction Value \$5M

The project included construction of two outer lanes of Veterans Parkway South from the southern entrance of the ICI Middlebourne Development to the Greenbriar Downs Development entrance (approximately 0.86 miles), and the associated utility extensions as required by JEA and SJRWMD.

A new roadway extension required setting horizontal alignments and vertical profile geometry controls, which were based on FDOT design manual section 210 Arterials and Collectors. The seasonal high ground water level was considered when designing the roadway profile geometry. The outer two lanes with grassed median needed to be designed to allow for future widening to the inside median. Considerations such as drainage structure placement, turn lane placement and superelevation design were planned to make future widening to 4 lanes easier.

Utility extensions for reclaimed, sanitary force main and water main were designed to accommodate the new subdivision. Placement of proposed utility lines became a challenge to overcome since there was existing utilities/storm infrastructure in the area. Each proposed utility line needed to be carefully checked horizontally and vertically for conflicts and spacing requirements prior to construction.



CR 223 & CR 210 Improvements

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

DJ Smith
 Mattamy Homes
 7800 Belfort Parkway
 Jacksonville, FL
 386-931-9682
 dj.smith@mattamycorp.com

KEY STAFF

Chris Buttermore, PE Adriana Salinas-Diaz
 Rob A. Matthews III, PE
 Scott Knowles, PE
 Tyler Smith, PE
 Dylan Scalori, EI
 Justin Scarberry

KEY PROJECT ELEMENTS

- » Roadway Design
- » Sidewalk & Bike Paths
- » S&PM Plans
- » MOT Plans
- » Drainage Design
- » Stormwater Modeling
- » Stormwater Management & Facilities Design
- » Stakeholder Coordination
- » Permitting with County & SJRWMD

PROJECT DURATION

- » Design: Ongoing
- » Construction: Pending

PROJECT FEE

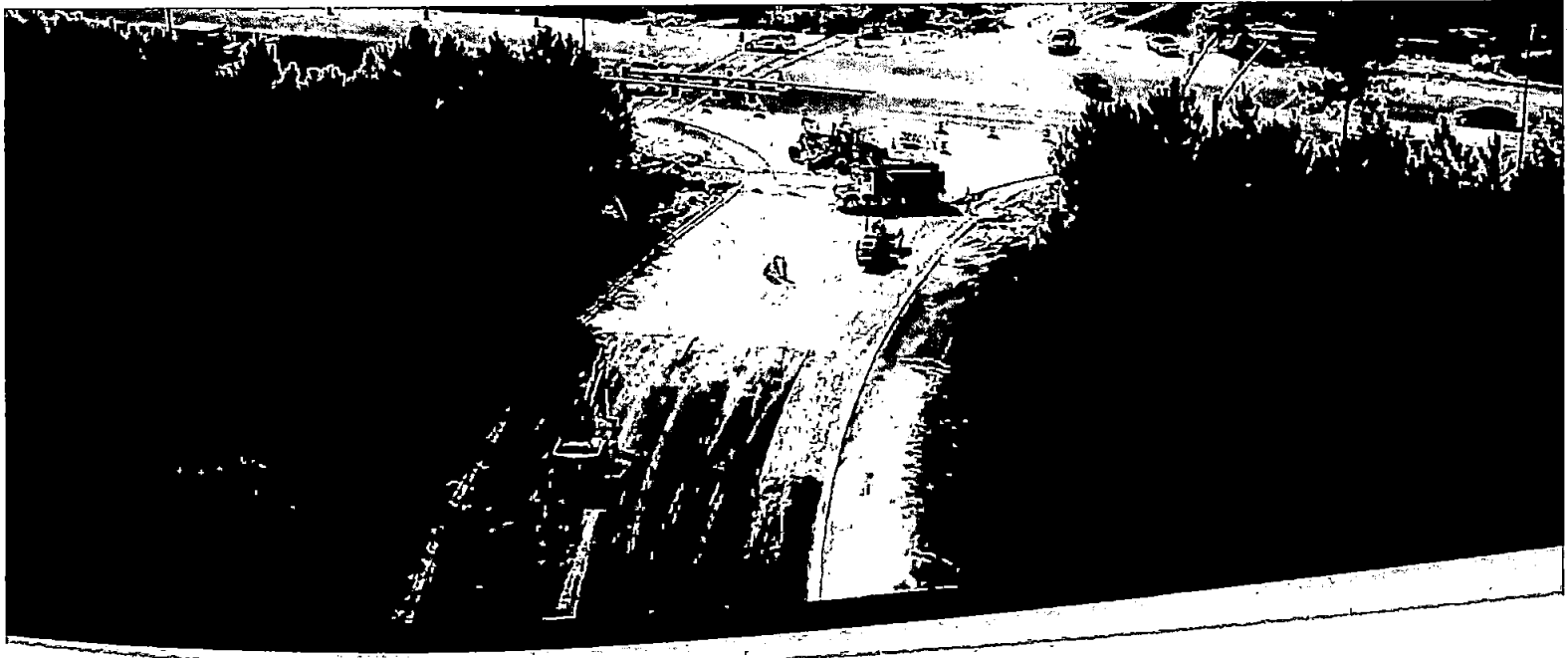
- » \$500K
- » Construction Value \$7.5M

MDG is designing a three-mile dirt-to-pavement section from just south of Knights Lane to the CR 210 intersection. This corridor will ultimately become a four-lane divided highway and tie into a two lane section previously designed by MDG. This new roadway extension will require setting both horizontal and vertical profile geometry controls. Seasonal high groundwater levels and existing stormwater structures were carefully considered while in design. Superelevation was calculated to ensure the roadway pavement section stays above the seasonal high groundwater level. Key horizontal and vertical points were determined to prevent higher construction costs and premature pavement failure.

Sidewalk, ADA compliant ramps, and bike paths were designed throughout the project limits. This will give bikers and pedestrians a safe place to travel alongside vehicular traffic and will provide a crucial missing link between Longleaf Pine Parkway and CR 210. MDG coordinated its review and design with the client and the ultimate owner, St. Johns County, to minimize reconstruction costs and achieve optimal road design to keep future road maintenance low.

During the design of this project, CR 210 was also designed to accommodate a future 6-lane divided highway. Careful coordination with St. Johns County is being done to ensure lanes align and signalization will work in the future.





Amazon Distribution Center Roadway Improvements

DUVAL COUNTY, FLORIDA

OWNER/CONTACT

City of Jacksonville/FDOT
 Prime: Tetra Tech, Inc.
 8640 Phillips Highway, Suite 16
 Jacksonville, FL 32256
 904-596-6643

KEY STAFF

Chris Buttermore, PE
 Rob A. Matthews III, PE
 Billy Almaguer, PE
 Alex Acree, PE

KEY PROJECT ELEMENTS

- » Roadway Construction Plans
- » Widening & Realignment
- » S&PM & MOT Plans
- » SWPPP
- » Stormwater Modeling & Design
- » Erosion Control
- » Drainage
- » Multiuse Path
- » Safety Improvements
- » Stakeholder Coordination
- » Permitting: COJ, SJRWMD & FDOT

PROJECT DURATION

Design: 02/2016 - 11/2017
 Construction Completed: 2018

PROJECT FEE

\$384,344
 Construction Value \$1M

The American Public Works Association (APWA) awarded the "Consultant of the Year" to Tetra Tech for successful work and collaboration with the project team, which included MDG.

MDG served as the offsite improvements subconsultant providing engineering services to improve Pecan Park Road, Duval Road (SR 243), and the offramp onto Duval Road from I-295 in Jacksonville, Florida.

Numerous improvements to Pecan Park Road required a complete vertical and horizontal realignment of 0.5 miles of roadway, intersection improvements, widening of multiple turn lanes, signal modification, full access driveway connections, utility relocation, drainage design, super-elevation analysis, and pedestrian access design. Improvements also included a half-mile-long, 12-foot-wide multiuse path providing a safe and functional connection.

Design elements for Duval Road included widening for multiple turn lanes, signal modifications, intersection improvements at Pecan Park Road, median conversion from full access to directional access, and driveway connection design. Challenges during construction included addressing utility conflicts and maintenance of traffic.

As part of its scope of work, MDG prepared construction plans which included demolition, grading and earthwork, paving, erosion control, S&PM, and MOT. A Stormwater Pollution Prevention Plan (SWPPP) was also prepared.





Masters Drive and Palmer Street Water & Sewer Line Improvements

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

City of St. Augustine
 Jessica Beach, PE, Project Manager
 75 King Street
 St. Augustine, FL 32084
 904-209-4227
 jbeach@citystaug.com

KEY STAFF

Rob A. Matthews III, PE
 Scott Knowles, PE
 Chris Buttermore, PE
 Dylan Scanlon, EI

KEY PROJECT ELEMENTS

- » Asset Management Inventory Assessment of Water & Waste Water Infrastructure
- » Negotiations with City of St. Augustine
- » Water and Wastewater Forcemain Design
- » Construction Plan Preparation
- » Construction Engineering Inspection
- » Construction Administration
- » Coordination with City of St. Augustine & St. Johns County
- » Permitting with City & FDEP

PROJECT DURATION

Design: 2015
 Construction: 2019

PROJECT FEES

\$131K
 Construction Value: \$1.2M

MDG provided engineering services to replace approximately 4,300 LF of 10-inch water line and complete an asset inventory and assessment of an adjacent 8-inch wastewater line along Masters Drive. The sewer line, previously relined, required replacement taps to individual service locations. To avoid duplicating mobilization efforts, MDG incorporated these sewer connections into the water line replacement project. Tasks included development of base drawings, conceptual plans, and construction drawings, permitting, and construction administration.

MDG also provided engineering services to replace aging and undersized waterlines in four street locations in St. Augustine. Specifically, MDG replaced approximately 2,000 LF of 2-inch line along Palmer Street with a 10-inch line and 900 LF of 10-inch line with a 12-inch line, 3,600 LF of 10- and 12-inch line with a 12-inch line along Masters Drive, 350 LF of 2-inch line with a 6-inch line along Ravenswood Drive, and 1,600 LF of 2-inch line with a 6-inch line along Florida Avenue. In total, MDG replaced 8,500 LF of waterline on four separate projects.





Four Mile Road Improvements

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

St. Johns County Engineering/
Disaster Recovery
Brian Kelsay
904-209-0115
bkelsay@sjcfl.us

KEY STAFF

Scott Knowles, PE
Rob A. Matthews III, PE

KEY PROJECT ELEMENTS

- » Roadway Design
- » S&PM & MOT Plans
- » Stormwater Modeling & Design
- » Drainage Basin Modeling
- » Drainage Design
- » Erosion Control
- » Utility Coordination
- » Construction Inspection
- » CDBG Funding
- » Permitting with County, FDEP, USACE, FWC & SJRWMD

PROJECT DURATION

Design Complete: 2016
Construction Complete: 2019

PROJECT FEE

\$45K
Construction Value \$800K

MDG provided engineering services to design roadway safety improvements for a two-mile section of Four Mile Road, which was funded from federal funds disbursed by the state in a CDBG Disaster Recovery Grant. These improvements included adding paved shoulders, design of a 5-foot-wide sidewalk parallel to the road, stormwater infrastructure design, pavement resurfacing, utility coordination, drainage improvements, MOT, S&PM, and permitting. Since the original design was completed in 2016, prior to construction in 2019, MDG provided an additional plan review and updates to match the current field conditions and for use during the bidding process.



St. Johns Ave. from Zeagler Dr. to SR 19 Resurfacing PUTNAM COUNTY, FLORIDA

OWNER/CONTACT

Putnam County
 Mike Nimitz, Project Manager
 223 Putnam County Blvd.
 East Palatka, FL 32131
 386-329-0346
 mike.nimitz@putnam-fl.com

KEY STAFF

Rob A. Matthews III, PE
 Chris Buttermore, PE
 Scott Knowles, PE
 Billy Almaguer, PE
 Dylan Scanlon, EI

KEY PROJECT ELEMENTS

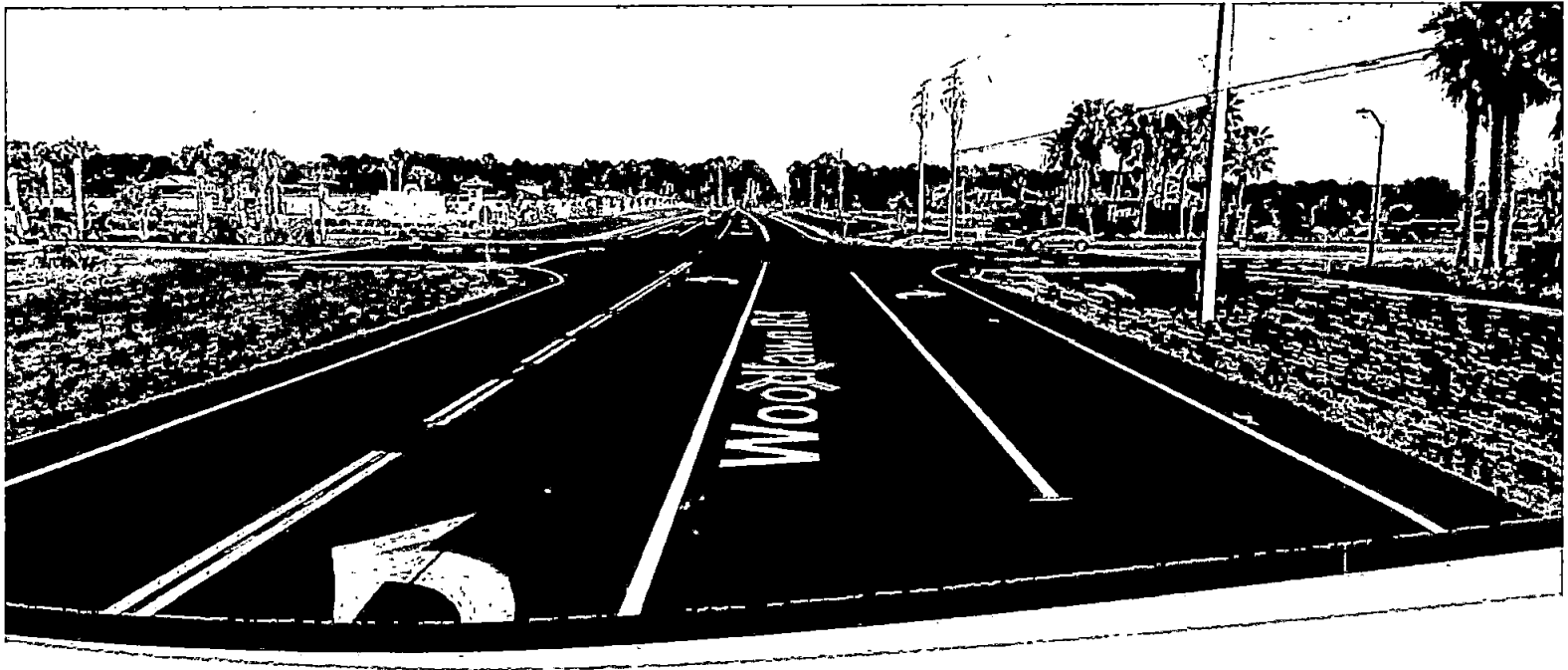
- » Site Plans
- » Roadway Design
- » Demolition & Milling Plans
- » Drainage Design
- » Stormwater Treatment Facilities
- » Utilities Design & Coordination
- » Construction Plan Preparation
- » Maintenance of Traffic (MOT) Plans
- » Signing & Pavement Markings (S&PM)
- » SWPPP
- » Surveying
- » Geotechnical Engineering
- » Stakeholder Coordination
- » Construction Administration
- » Bid Assistance
- » Post Design Services
- » Permitting with County & FDOT

MDG staff worked with Putnam County to provide plans for repairing and resurfacing St. Johns Avenue from SR 19 to Zeagler Drive (6,300 LF) using an FDOT Small County Outreach Program (SCOP) Local Agency Project (LAP) Grant for funding.

- » St. Johns Avenue is a highly traveled roadway, serving multiple medical offices, retirement facilities, and a college. The heavy wear, high groundwater conditions, and damage from installation and service of utilities had severely degraded the quality of the roadway.

The project scope and construction plans included site plans, milling and resurfacing, demolition plans, pavement leveling, repaving, erosion control, drainage design, utility coordination, maintenance of traffic (MOT) plans, S&PM, signalization, SWPPP, permitting, bid assistance/construction administration and post design services. MOT was critical to this design due to the high traffic volume, keep driveway residential/business driveways open, and maintaining roadway widths for emergency vehicles. In order to overcome these setbacks, MDG provide a night paving plan to avoid significant impacts on local businesses and residents.





Woodlawn Road Improvements

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

Putnam County
 Mike Nimitz, Project Manager
 223 Putnam County Blvd.
 East Palatka, FL 32131
 386-329-0346
 mike.nimitz@putnam-fl.com

KEY STAFF

Rob A. Matthews III, PE
 Scott Knowles, PE
 Billy Almaguer, PE
 Dylan Scanlon, EI

KEY PROJECT ELEMENTS

- » Site Plans
- » Roadway Design
- » Demolition & Milling Plans
- » Drainage Design
- » Stormwater Treatment Facilities
- » Utilities Design & Coordination
- » Construction Plan Preparation
- » Maintenance of Traffic (MOT) Plans
- » Signing & Pavement Markings (S&PM)
- » SWPPP
- » Surveying
- » Geotechnical Engineering
- » Stakeholder Coordination
- » Construction Administration
- » Bid Assistance
- » Post Design Services
- » Permitting with County & FDOT

As the prime consultant for engineering design and permitting, MDG provided engineering design services to widen a 1.5-mile section of Woodlawn Road near Lewis Speedway.

This roadway, which is designated as a major collector road in St. Johns County, had experienced deterioration due to high traffic load and the substandard roadway section that was in place.

To improve this roadway, MDG's scope of services included roadway elevation and realignment, the addition of turn lane and improvements into Woodlawn Planned Unit Development (north), as well as adding turn lanes into Heritage Park subdivision (south), signing and pavement markings (S&PM), Maintenance of Traffic (MOT) plans, stormwater management facilities and permitting with all regulatory agencies. Other improvements to the corridor included the addition of a pedestrian bridge/walkway over wetlands.

MDG also coordinated with the City of St. Augustine to design and facilitate utility relocations within the roadway corridor.





Colbert Lane & Grady Prather Jr. Cove Roadway Improvements FLAGLER COUNTY, FLORIDA

OWNER/CONTACT

Flagler County
 1769 E. Moody Blvd., Bldg. 2
 Bunnell, FL 32110
 Faith Alkhatib, County Engineer
 386-313-4006
 falkhatib@flaglercounty.org

KEY STAFF

Chris Buttermore, PE
 Rob A. Matthews III, PE
 Billy Almaguer, PE
 Scott Knowles, PE
 David Spangler, PE (ECS sub partner)

KEY PROJECT ELEMENTS

- » Roadway Construction Plans
- » S&PM Plans
- » MOT Plans
- » Pedestrian Safety Features
- » Sidewalks
- » Drainage
- » Driveway Connections
- » Stakeholder Coordination
- » FDOT SCRAP funded project
- » Permitting with County, SJRWMD, and FDOT

PROJECT DURATION

- » Design: 03/2016 - 10/2017
- » Construction Completed: 2018

PROJECT FEE

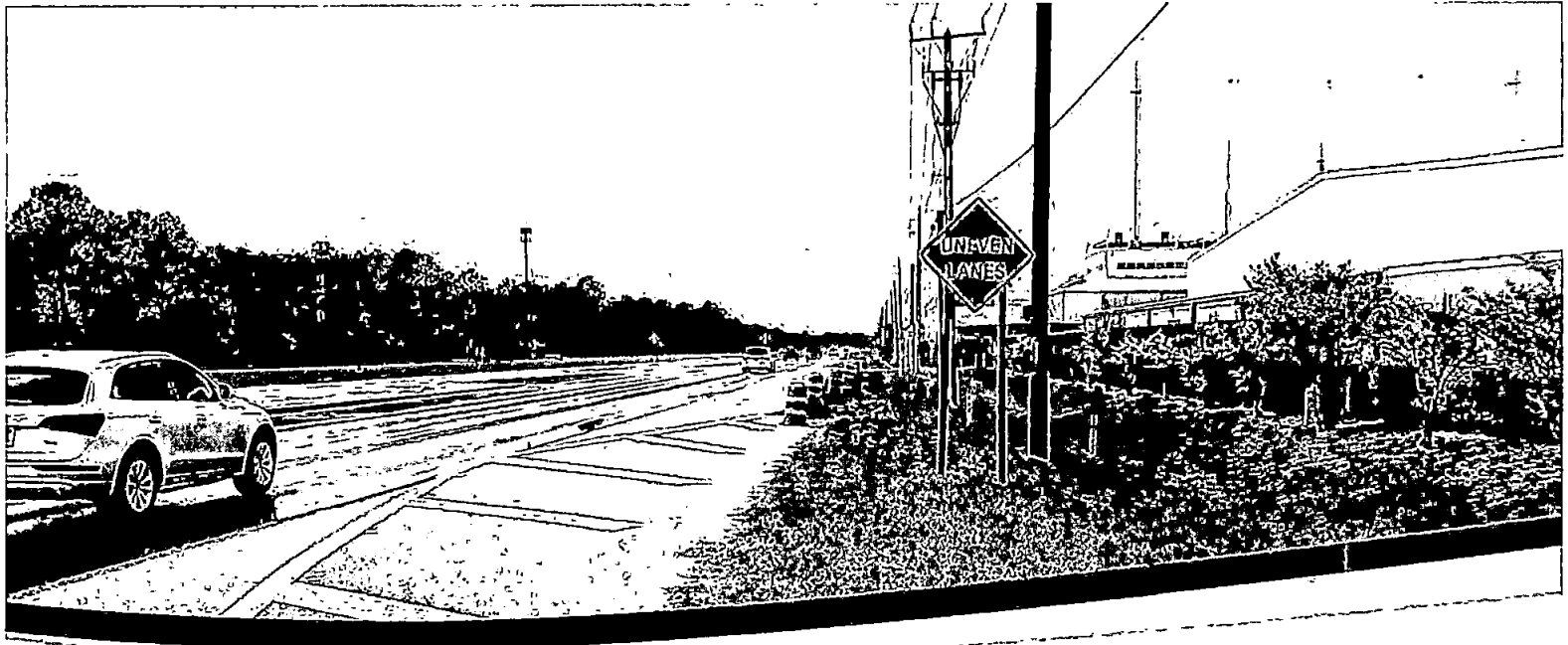
- » \$103,380
- » Construction Value \$2.2M

As the prime consultant for engineering design and permitting, MDG worked with Flagler County, under our continuing services contract, to complete the resurfacing design for Colbert Lane between Palm Coast Parkway to SR 100 for a distance of 7.1 miles. The project scope included 1.2 miles of resurfacing and shoulder improvements for Grady Prather Jr. Cove in Palm Coast.

Signing and pavement markings were updated throughout this stretch of road to improve the safety and awareness for pedestrians, cyclists, and motorists. All signage was brought up to current MUTCD standards. One key improvement was replacing outdated warning signs and the addition of intersection warning signs with street name plaques. Additional pavement markings were provided at inefficient intersections to improve traffic flow and motorist awareness.

A site visit during the design phase confirmed that Grady Prather Jr. Cove had severe shoulder deterioration and sidewalk failures. Along with resurfacing improvements, a portion of shoulder and sidewalk was recommended to be replaced. Meeting minimum pipe cover was a design challenge that had to be overcome. Potentially issues were identified in design so existing pipe would not weaken under the gravel driveways to Grady Prather Jr. Cove. At the 60% design phase, Flagler County added scope to the MDG contract for the design of a full access driveway connection to the parking lot.





US1 Sidewalks & Drainage

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

FDOT District 2
 1109 South Marion Avenue
 Lake City, FL 32025
 Renee Brinkley
 386.961.7392
 Renee.Brinkley@dot.state.fl.us

KEY STAFF

Tabatha Carlton
 Nina Sickler
 Justin Phillips

KEY PROJECT ELEMENTS

- » Roadway Design
- » Sidewalk & Pedestrian Improvements
- » Drainage Design
- » SAPM

PROJECT DURATION

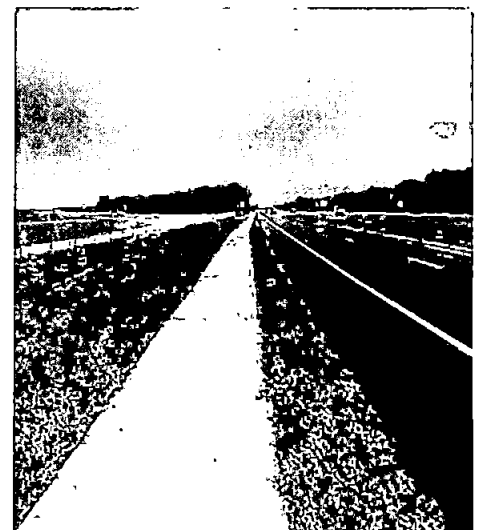
- » 2016 - current

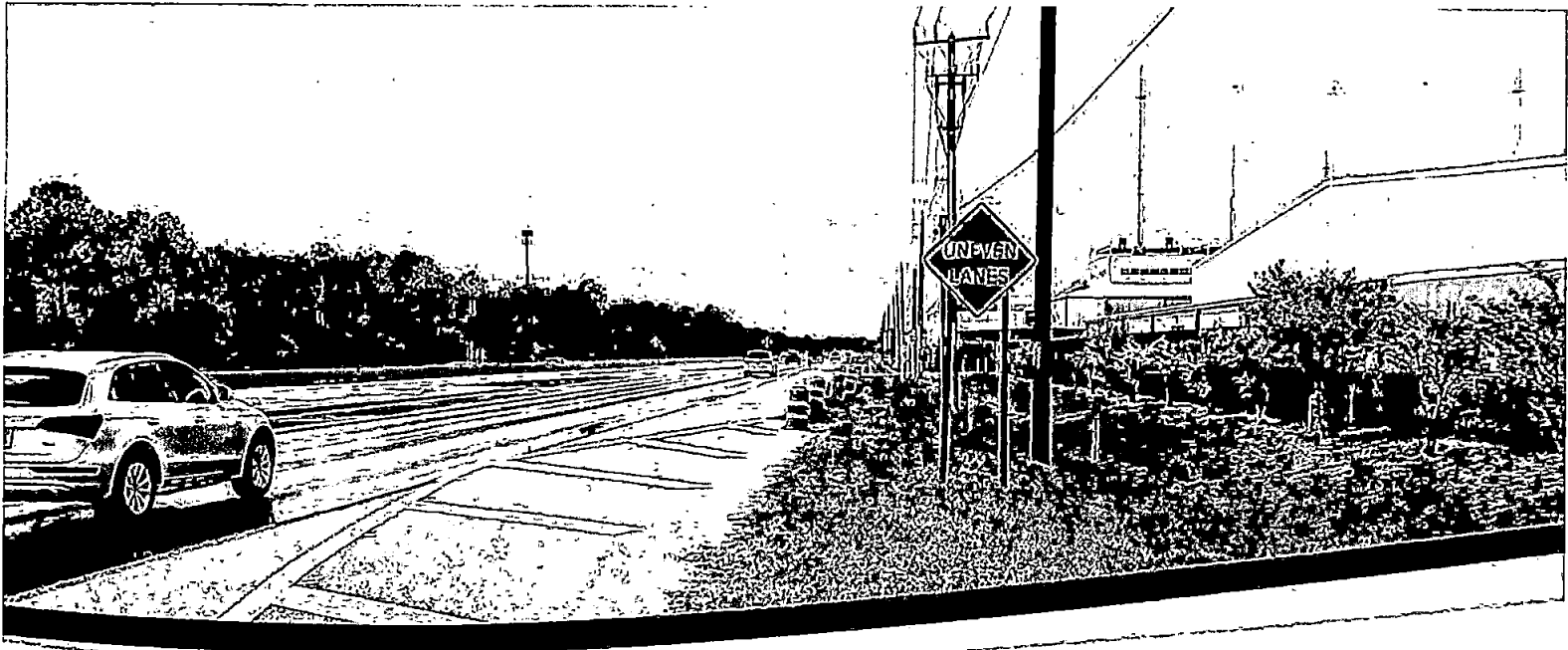
PROJECT FEE

- » \$1.2M Contract Amount

This project adds sidewalk and lighting along both sides of SR 5/US 1 from south of Bella Vista Boulevard to Big Oak Road in St. Johns County. Challenging issues included limited R/W, drainage impacts, utility impacts, and archaeological concerns.

Pond utilized 3D design to accurately show our fill limits which allowed us to minimize wetland and R/W impacts. The drainage impact modifications consisted of piping 1000 LF of ditches, utilizing ICPR to ensure the required capacity was maintained in all ditch sections, and resetting several storm drain systems to provide the necessary HGL clearances for the system to operate properly and be self-cleaning.





US1 Sidewalks & Drainage

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

FDOT District 2
 1109 South Marion Avenue
 Lake City, FL 32025
 Renee Brinkley
 386.961.7392
 Renee.Brinkley@dot.state.fl.us

KEY STAFF

Tabatha Carlton
 Nina Sickler
 Justin Phillips

KEY PROJECT ELEMENTS

- » Roadway Design
- » Sidewalk & Pedestrian Improvements
- » Drainage Design
- » SAPM

PROJECT DURATION

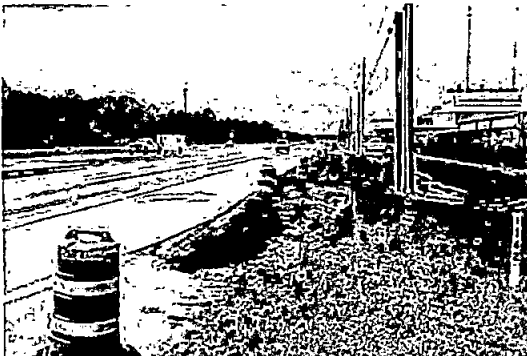
- » 2016 - current

PROJECT FEE

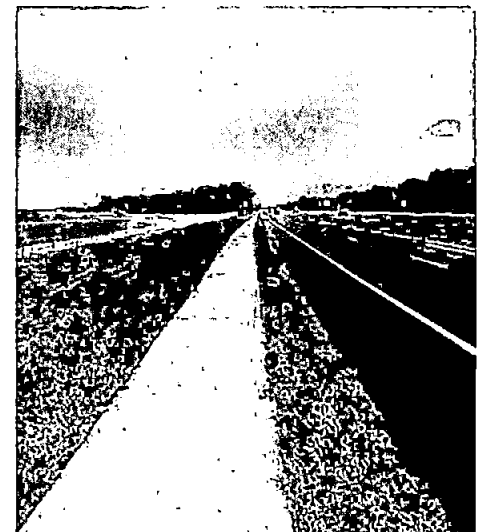
- » \$1.2M Contract Amount

This project adds sidewalk and lighting along both sides of SR 5/US 1 from south of Bella Vista Boulevard to Big Oak Road in St. Johns County. Challenging issues included limited R/W, drainage impacts, utility impacts, and archaeological concerns.

Pond utilized 3D design to accurately show our fill limits which allowed us to minimize wetland and R/W impacts. The drainage impact modifications consisted of piping 1000 LF of ditches, utilizing ICPR to ensure the required capacity was maintained in all ditch sections, and resetting several storm drain systems to provide the necessary HGL clearances for the system to operate properly and be self-cleaning.



POND





I-95 / CR 210 Ramp Improvements

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

Jacobs
 200 W. Forsyth Street, Suite 1520
 Jacksonville, Florida 32202
 Scott Carter
 904.636.5432
 Scott.Carter1@jacobs.com

KEY STAFF

Nina Sickler
 Duane Merrell

KEY PROJECT ELEMENTS

- » Roadway Design
- » Signing & Marking
- » Structures Design
- » SJRWMD Permits
- » Wetland Mitigation
- » OH Sign Trusses
- » Bridge-Mounted Signs

PROJECT DURATION

- » 2007 - 2013

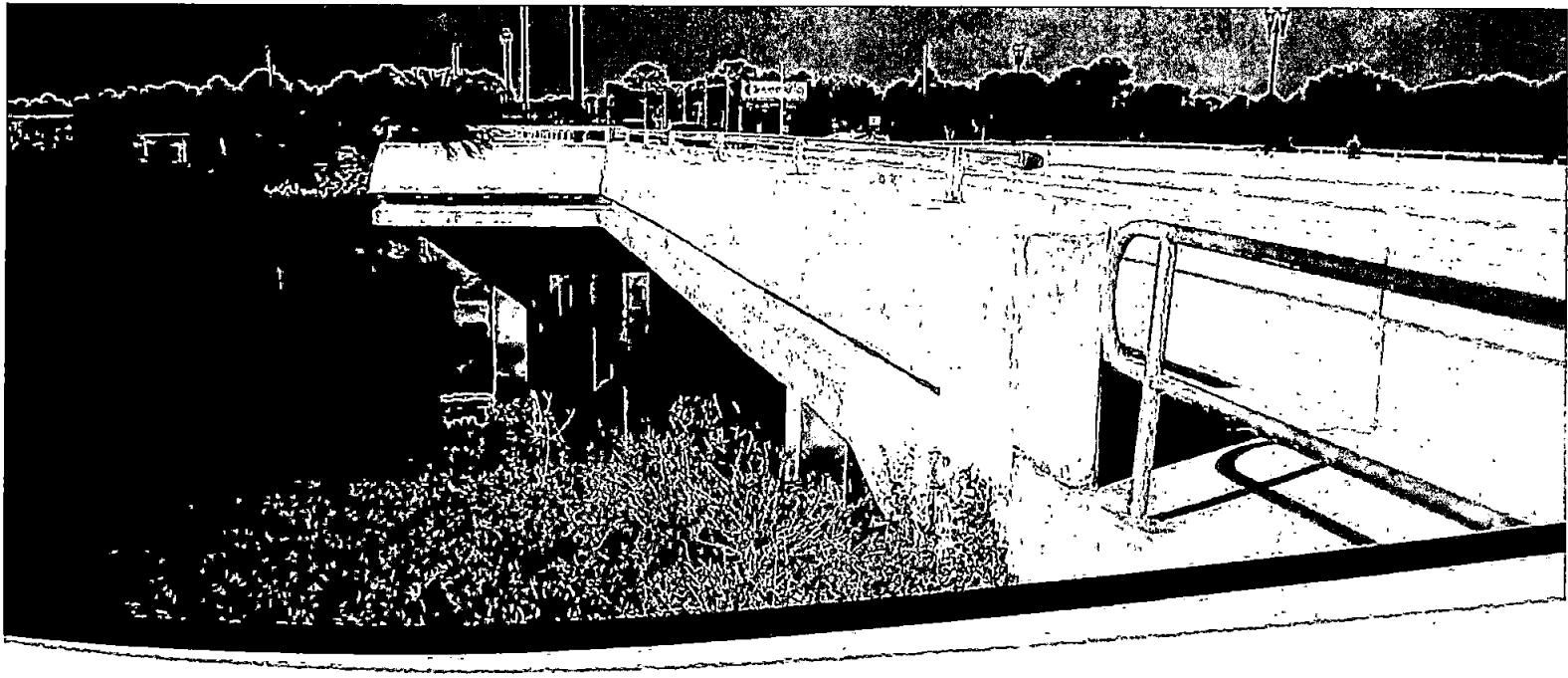
PROJECT FEE

- » Construction Value \$7M

This project involved improvements to the interchange at I-95 and CR210 and surrounding area in St. Johns County. Pond staff served as subconsultant responsible for design of span and cantilever sign structures, mast arm signal structures, and sheet pile retaining walls.

Designs of cantilever foundations were modified from spread footings to drilled shafts to reduce foundation footprints and minimize utility conflicts.

Also as part of this project, Pond staff provided structural design and plans for replacement of an existing 42'-8" long 4-barrel bridge culvert carrying CR210 over Sampson Creek with a 53 ft. long single-span pre-stressed slab unit bridge supported on bents with 24-inch square pre-stressed piles.



SR 16 from Green Acres Rd to San Marco Avenue

ST. JOHNS COUNTY, FLORIDA

OWNER/CONTACT

FDOT District 2
 1109 South Marion Ave - MS.2002
 Lake City, Florida 32025
 Craig Teal
 386-961-7703
 Craig.teal@dot.state.fl.us

KEY STAFF

Nina Sickler
 Duane Merrell

KEY PROJECT ELEMENTS

- » Roadway Design
- » ADA Upgrades
- » Maintenance of Traffic
- » Signing and Marking
- » Drainage
- » Signalization

PROJECT DURATION

- » 2011 - 2014

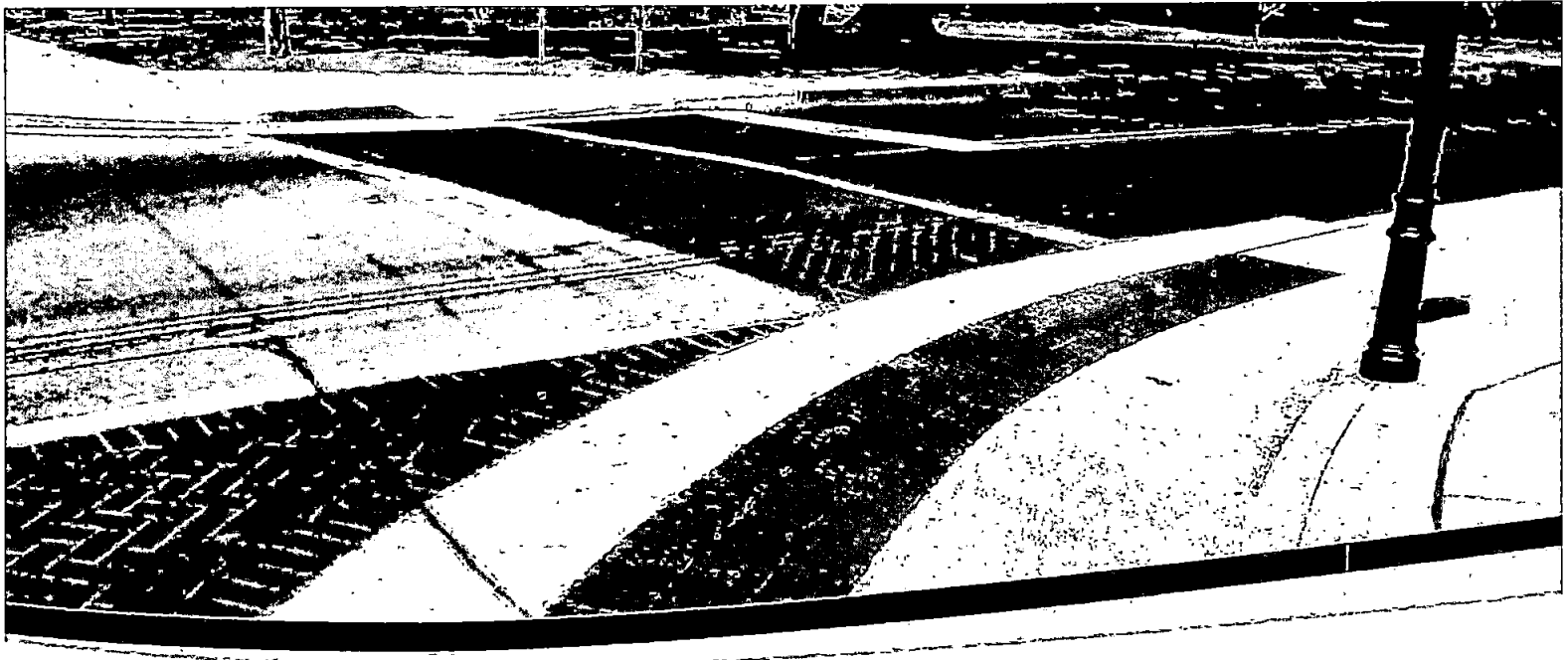
PROJECT FEE

- » \$300,000
- » Construction Value \$4.2M

This Florida Department of Transportation District 2 project is located in St. Johns County. The project included the reconstruction of SR 16 from Green Acres Road to San Marco Avenue.

Pond completed the design for the milling and resurfacing section from Lewis Speedway to San Marco Avenue which includes new sidewalk and curb ramps, pedestrian signal upgrades at intersections, joint replacement detail and bridge sidewalk/barrier repair.

Pond also served as Engineer of Record for the Maintenance of Traffic plans, for the entire project from Green Acres to San Marco Avenue including a detour, and multi-post guide sign design.



A1A Safety Improvements

CITY OF ST. AUGUSTINE, FLORIDA

OWNER/CONTACT

City of St. Augustine
 75 King Street | St. Augustine, FL 32084
 Reuben Franklin, PE
 904.209.4279
 RFranklin@citystaug.com

KEY STAFF

Nina Sickler
 Duane Merrell

KEY PROJECT ELEMENTS

- » Roadway Construction Plans
- » Signing & Pavement Plans
- » MOT Plans
- » Pedestrian Safety Features
- » Sidewalks
- » Drainage
- » Driveway Connections
- » Stakeholder Coordination

PROJECT DURATION

- » 2011 - 2014

PROJECT FEE

- » Design-Build Value \$950,000

The project consisted of designing and constructing safety improvements on A1A at Castillo de San Marco Fort.

The project included: roadway milling and resurfacing, sidewalk relocation, construction of a brick pedestrian crosswalk, preparation of MOT plans including pedestrian control in tourist area, signing and pavement marking, information signs, public and local agency coordination, intersection improvements, signalization including new mast arms and roadway lighting.





Cassat Avenue & San Juan Avenue Signal Upgrades

JACKSONVILLE, FLORIDA

OWNER/CONTACT

FDOT District 2
 1109 South Marion Ave - MS.2002
 Lake City, Florida 32025
 Craig Teal
 386.961.7703
 Craig.teal@dot.state.fl.us

KEY STAFF

Tabatha Carlton
 Nina Sickler
 Richard Fangmann
 Justin Phillips
 Zach Puckett

KEY PROJECT ELEMENTS

- » Roadway Design
- » Signal Design
- » Drainage Design
- » Signing & Pavement
- » Right of Way

PROJECT DURATION

- » 2015 - 2020

PROJECT FEE

- » \$500,000
- » Construction Value \$1.4M

This project included signal and ADA upgrades at several intersections in Jacksonville, Florida.

The first project included the intersection at SR 10 (Atlantic Blvd) and Empire Point. The project included replacing strain poles with mast arms, adding a westbound left turn lane on SR 10 which required widening into the median, upgrading curb ramps, and updating pedestrian signals. Project tasks included roadway design, temporary traffic control design, signal design, and signing and pavement marking design. The plan originally called for right-of-way acquisition, however Pond was able to provide a design that eliminated the need which accelerated the construction schedule.

The second project included upgrades at SR 111 (Cassat Avenue) at SR 128 (San Juan Avenue). Tasks included upgrading strain poles, upgrading the ADA ramps, and driveway closures. This project includes right of way acquisition, miscellaneous roadway design, temporary traffic control design, signal design, signing and pavement marking design and extensive utility coordination.



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "O"

PROJECT REFERENCES

Each Respondent must submit a list of five (5) project references from individuals, firms or agencies that have contracted with the respondent in the past seven (7) years to perform services of similar size and scope as those described in this RFQ. The information required shall include: reference company name, date(s) of service, project information including name of project, and a contact person name, title, phone number and email address. References shall be checked by the Purchasing Department, for the number

1. Reference Company Name: Amazon Distribution Center
Date(s) of Service: 2016-2018
Project Information (Type of Study): Roadway design to improve Pecan Park Rd. and Duval Rd. associated with the Amazon, Inc. distribution center.
Primary Reference Contact Name and Title: Paul Seefried, Vice President
Contact Phone Number: 678-904-1917
Contact Email Address: paulseefried@seefriedproperties.com

2. Reference Company Name: St. Johns County Public Works/Engineering Division
Date(s) of Service: 2007 - Continuing
Project Information (Type of System): Continuing Service Contract (CSC) - Four Mile Rd. Improvement, Euclid Ave. Off Beach Parking, Woodlawn Rd. Improvements, W. Augustine Drainage Improvements
Primary Reference Contact Name and Title: Brian Kelsay, Engineering/Disaster Recovery
Contact Phone Number: 904-209-0115 (Office); 904-687-6373 (Cell)
Contact Email Address: bkelsay@sjcfl.us

3. Reference Company Name: Putnam County Public Works
Date(s) of Service: 2018 - Continuing
Project Information (Type of System): CSC - Sasso Dr. Roadway Improvements, St. Johns Ave. Resurfacing, St. Johns Ave. Bike Path/Trail, SR 207 Watermain Ext., Springside Park Trail Ext.
Primary Reference Contact Name and Title: Mike Nimitz, Assistant Public Works Director
Contact Phone Number: 386-329-0346
Contact Email Address: mike.nimitz@putnam-fl.com

[Handwritten signature]

4. Reference Company Name: City of St. Augustine Public Works
Date(s) of Service: 2011 - Continuing
Project Information (Type of System): CSC - Lincolnville Roadway & Stormwater Drainage Improvements/Utility Rehabilitation, Masters Dr. & Palmer St. Water & Sewer Line Replacements
Primary Reference Contact Name and Title: Jessica Beach, PE, Project Manager
Contact Phone Number: 904-209-4227
Contact Email Address: jbeach@citystaug.com

5. Reference Company Name: Olympus
Date(s) of Service: 2020 - Continuing
Project Information (Type of System): Olympus CDD - Olympus Phase 1 Infrastructure
Primary Reference Contact Name and Title: Michael Carroll, Owner
Contact Phone Number: 407-754-6945
Contact Email Address: mjc@olympusorlando.com



REQUEST FOR PROPOSALS
RFQ NO. 21-86

SECTION 4

Approach to Services and Methodology




**MATTHEWS
DESIGN GROUP**

PROJECT UNDERSTANDING & APPROACH

Approach to Project Management

We recognize that an effective project manager is critical and essential to the success of any project or program. Therefore, the successful delivery of any project depends on effective project management from beginning to end, which must include: 1) complete understanding of the scope and expectations; 2) control of budget and schedule; 3) risk assessment (and mitigation plan); 4) good communication with the County and project team staff; and 5) adherence to the QC Plan.

All of the aforementioned items allow us to create a comprehensive set of construction plans to effectively address the project objectives.

Over the years, MDG has completed a variety of projects while developing partnerships and gaining from the on-the-job experiences thereby making us better engineers and designers. We understand the process involved in taking a project from concept to completion.

Project Approach

Micklers Road is a two-lane rural roadway with sidewalk located on the north side and no bike lanes. Due to the lack of turn lanes, eastbound and westbound vehicles on Micklers Road making a left turn onto SR-A1A can cause significant delays and traffic buildup necessitating the need for dedicated left turn lanes for these movements.

SR-A1A is a two-lane roadway with more urban characteristics through the intersection, including curbing with sidewalk adjacent to back of curb and dedicated bike lanes. SR-A1A also includes left turn lanes and directional right turn lanes onto Micklers Road allowing free flow (yielded) movements.

Constraints Analysis

1. Our team has identified that one of the main constraints with the existing intersection is the severe skew of the intersection itself. Skewed intersections are not preferred and typically increase safety hazards. Due to adjacent existing developments east and west of the intersection as well as conservation/natural resources north and south, the geometry of the intersection angle pose a challenge in the reconfiguration of the intersection and may not be changed.
2. Right-of-way is also a constraining factor due to the same factors listed above limiting the footprint of any proposed design. In addition to the proposed widening itself, additional right of way will need to be acquired in order to accommodate for the reservation of stormwater ponds required by the SJRWMD. Per the RFQ, potential locations include the triangular grassed area just west of the intersection as well as the existing pond adjacent to Micklers Road already serving the Portofino community.

Challenges exist for both proposed right of way locations:

- Preferred approach would include eliminating the need for new stormwater ponds by modifying existing swales and dry retention facilities or by qualifying the work as an exemption (see Permitting section below).
- Next alternative would be to use an existing pond with additional capacity for stormwater needs. This approach could possibly be accomplished with some form of joint-use or maintenance agreement which would avoid the need for ROW acquisition.
- If the initial two approaches are unsuccessful, the use of the triangular grassed area west of the intersection as a stormwater pond will be explored. This would require the need for right-of-way acquisition.

Recommendation: Evaluate weekend conditions to include traffic counts and movements during peak beach season.



UNDERSTANDING
Complete understanding of the scope & expectations



ASSURANCE
Adherence to the QC plan



MANAGEMENT
Control of budget & schedule



COMMUNICATION
Good communication between client & project team



ASSESSMENT
Risk assessment (and mitigation plan)



Deficiencies

Our review of the existing ETM analysis noted that weekend traffic, both vehicular and pedestrian, were not accounted for:

- Our team recommends the evaluation of weekend conditions to include traffic counts and movements during peak beach season. These movements should be evaluated to see how each proposed conditions handle the demand during this secondary scenario.
- For example, on a nice weekend day, beach goers will park along the shoulders of the eastern leg of Micklers Road. It would be well received by the general public to account for situations like this in the proposed design.

Analysis of the Engineering Design Specifications / Roadway

Upon review of the RFQ and Intersection Control Analysis, it is understood that the "intersection improvements" concept were preferred over the "quadrant roadway" alternative.

MDG Team Innovations

Displaced Left Turn (DLT)

We believe an alternative worth considering is the use of a Displaced Left Turn concept where much of the southern pavement edges for Micklers Road could remain in place and widening would push north where there is more flexibility.

- While this option may not directly reduce impacts, it will greatly improve operations and may project enough capacity to allow for lane reductions along other approaches. The initial due diligence eliminated this alternative due to right-of-way limitations and the fact that only one leg had high enough volumes to warrant the potential Displaced Left Turn.
- We believe it is possible to have a Displaced Left Turn for only one approach and, in fact, may be a more desirable option given these existing conditions and constraints.
- This innovation can also improve pedestrian and bicycle safety by reducing the number of conflicting movements at the intersection and shortening the distance pedestrians and bicyclists must travel for each crossing.

For whichever proposed intersection layout is agreed upon, we can execute and lead the efforts necessary for any further traffic operations analyses and signal modification plans. Of Note: Current manufacturing schedules for mast arms could greatly impact the project schedule so avoidance on any new mast arms is preferred if possible. The existing signal infrastructure will have to be evaluated with all proposed modifications to ensure it would still meet current regulations and specifications. See Exhibit A.

Recommendation:

Evaluate intersection lighting to ensure adequate illumination is provided.

Enhanced Lighting and Pedestrian Crossing Control:

In reviewing historic crash data, our team noticed 14 nighttime crashes at this intersection. To further increase safety, it is recommended that intersection lighting be evaluated to ensure adequate illumination can be provided.

THE DISPLACED LEFT TURN WILL:

- Improve operations
- Allow for lane reductions
- Improve pedestrian and bicycle safety
- Reduce the number of conflicting movements at the intersection

Required Support Services and Studies

Survey and ROW Acquisition

Our team has partnered with DRMP, Inc. For the completion of the survey requirements for this project, along with assistance in the right of way acquisition in support of the St. Johns County real estate department. The DRMP team has worked extensively throughout St. Johns County, including along A1A.

Utility Coordination

Working with DRMP, all underground utilities will be located and incorporated into the design to avoid conflicts and issues during construction. During design and construction, MDG will assist in identifying all existing utilities, resolve potential utility conflicts, schedule and perform utility coordination meetings with stakeholders, keep and distribute minutes and action items of all utility meetings, and distribute all plans, conflict matrices and changes to affected utility owners.



Geotechnical

Our team has partnered with ECS, Inc., for assistance in geotechnical services for this project. Utilizing ECS expertise and knowledge of the site conditions, we will design and implement a solution that ensures the roadway and intersection components are properly specified and executed to be the most effective and sensitive to time and budget constraints.

Environmental and Construction Permitting

It is understood that permits will be required by SJRWMD, USACE, and FDOT, as well as approvals by St. Johns County. Outside of St. Johns County reviews, permitting with the other agencies will begin with the 60% set of plans. See Exhibit E.

- Option 1: Our preferred approach includes consideration of a permit exemption which we believe would be the quickest and best option. In order to qualify for this, the 2nd through lane proposed on SR-A1A would have to be eliminated as well as keeping any new turn lanes to less than ¼ mile. We recommend re-evaluating the traffic planning and models to vet the possibility of this scenario and see what options we have.
- Option 2: General Permit. It is estimated that there would be 0.6 acres of additional impervious added with the preferred design, but it is unclear what, if any, impacts to wetlands there would be. Preferably, this would be zero. If wetland impacts could be kept to less than 0.5 acres and the 2nd through lane could be eliminated from northbound SR-A1A, the project may be able to qualify for the SJRWMD General Permit and eliminate the need for stormwater treatment.
- Typically, the criteria to meet this permit threshold includes: no new through lanes, no wetland impacts over 0.5 acres, no impacts to Outstanding Florida Waters, and does not affect capacity of current stormwater system. As discussed in the Roadway section, the Displaced Left Turn could potentially eliminate the proposed northbound through lane on SR-A1A and possibly allow the SJRWMD permitting to qualify as a General Permit.

Recommendation:
Consider a permit exception to expedite the schedule.

St. Johns County & FDOT Coordination

Our team plans to work closely with both St. Johns County and FDOT as both agencies will be heavily involved in the planning, design review, and construction of these improvements. Consistent updates, progress meetings, and touchpoints will be provided to County Engineering, Growth Management, Traffic, Development Services, and Transportation Planning departments.

Culverts

All culverts will be designed using current FDOT criteria and specifications. Per initial research and field observations, the existing double box culvert currently

going north/south through the intersection is functioning adequately and, in an effort, to preserve schedule and cost expectations, it preferred that this culvert is not impacted by the proposed design.

Public Outreach and Social Media

It is understood that a public meeting will be held at the 60% plan level, at a minimum. Due to the intense use of this intersection by the public, MDG would recommend that additional measures be taken to keep the public informed of proposed and ongoing work.

Plan Reviews / Engineers Estimates of Construction / Construction Documents

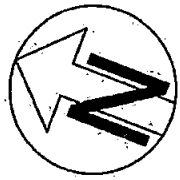
It is understood that St. Johns County will require reviews at 30%, 60%, and 100% stages, with construction cost estimates at both the 60% and 100% designs. Once at the 100% design milestone, MDG can help with preparing bid documents and coordinating with St. Johns County Purchasing Department on the project bidding. MDG will assist with any questions that should arise during the bidding process.

Post-Design Services / Construction Phase Services / Project Close-Out

If required, MDG can provide post-design services as needed for the County including attending the pre-construction meeting, submittal reviews, responding to RFIs, and periodic site visits to ensure compliance with design documents. MDG has a senior construction inspector on staff that can be readily available and at the project site within 30 minutes.

Nearing project completion, MDG can review as-builts and the construction to certify the project and submit for acceptance to all applicable agencies for permit closeout.

Exhibit A



GRAPHIC SCALE

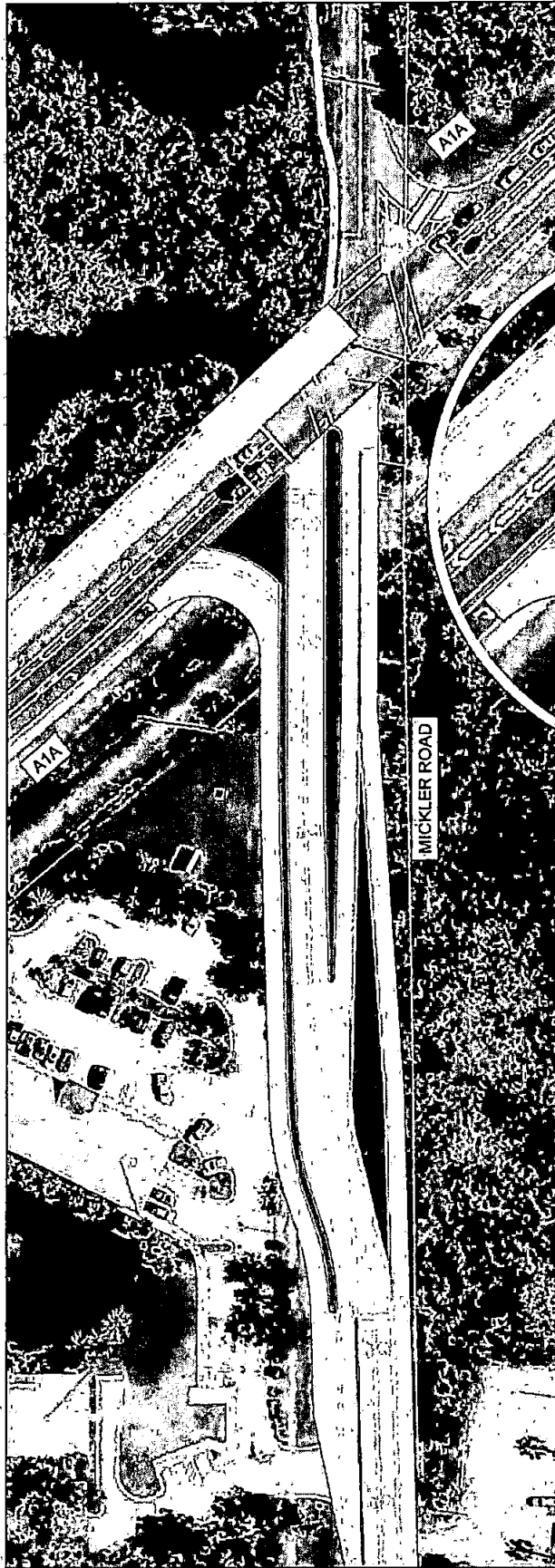
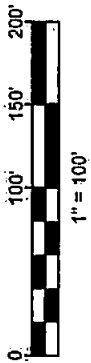




Exhibit B

Permitting Schedule	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7		
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WETLAND AVOIDANCE OPTION¹ - EXEMPTION

Prepare Exemption Request	●							2-3 MONTHS	\$
SJRWMD Review	●	●							
RFI/Response		●							
Receive Exemption Verification		●	●						

WETLAND MINIMIZATION OPTION² - GENERAL PERMIT / NATIONWIDE PERMIT 14

Prepare General Permit Application	●	●						3-4 MONTHS	\$\$
SJRWMD / USACE Review	●	●	●						
RFI/Response		●	●						
Receive General Permit Approval		●	●	●					

ETM INTERSECTION IMPROVEMENTS OPTION - INDIVIDUAL PERMIT / STANDARD PERMIT

Prepare Individual Permit Application	●	●						6+ MONTHS	\$\$\$\$
SJRWMD / USACE Review		●	●						
RFI/Response			●	●					
SJRWMD / USACE Review			●	●	●	●			
Receive Individual Permit Approval					●	●			

¹Wetland Avoidance Option relies upon design that avoids work in wetlands and surface waters (other than ditches constructed in uplands), limits new turn lanes to less than 0.25 mile in length, does not add additional traffic lanes, etc.

²Wetland Minimization Option relies upon design that limits safety activities to less than 0.5-acre in wetlands and surface waters, does not add traffic lanes, does not occur in an OFW or NERR, etc.



REQUEST FOR PROPOSALS
RFQ NO. 21-86

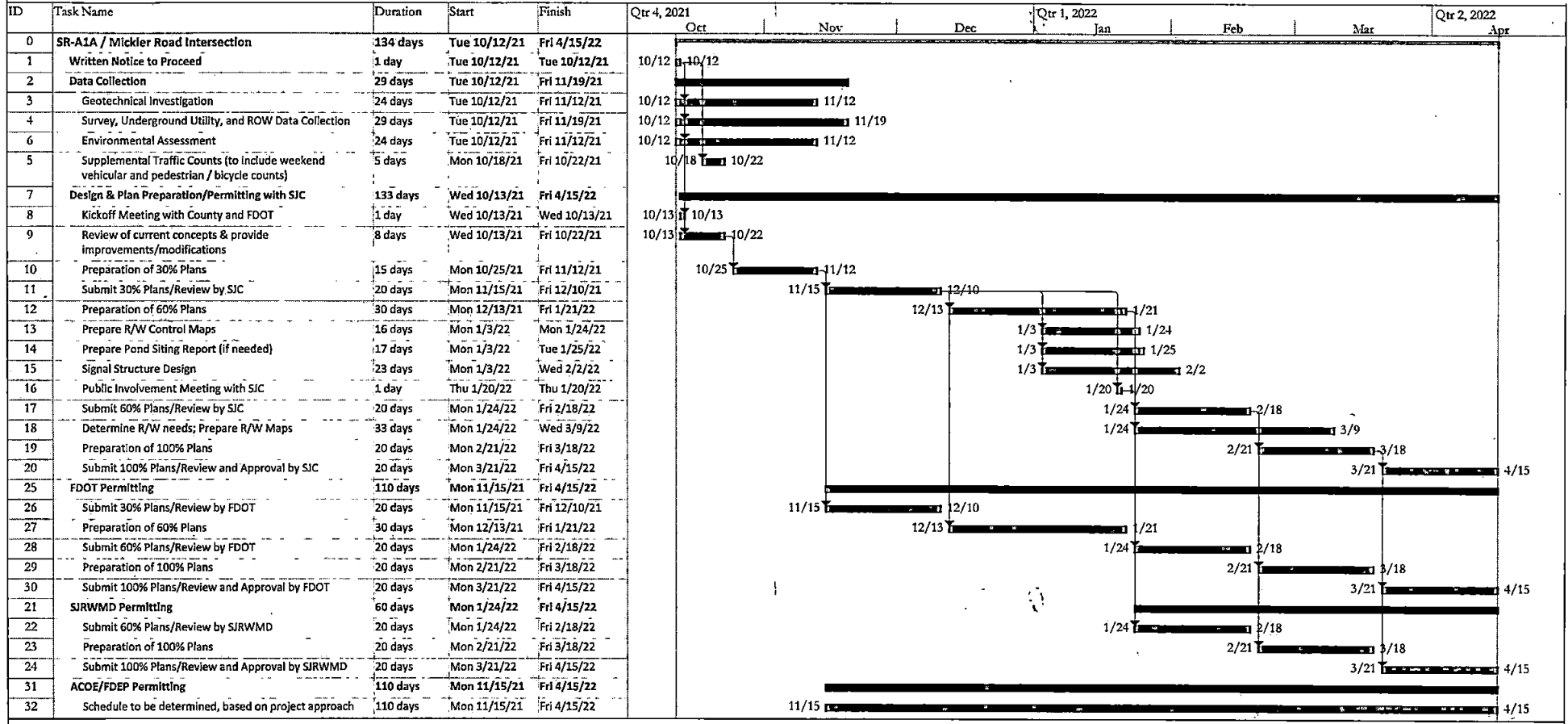
SECTION 5

Proposed Design Schedule and Quality and Schedule Control




**MATTHEWS
DESIGN GROUP**

PROPOSED DESIGN SCHEDULE



QUALITY & SCHEDULE CONTROL

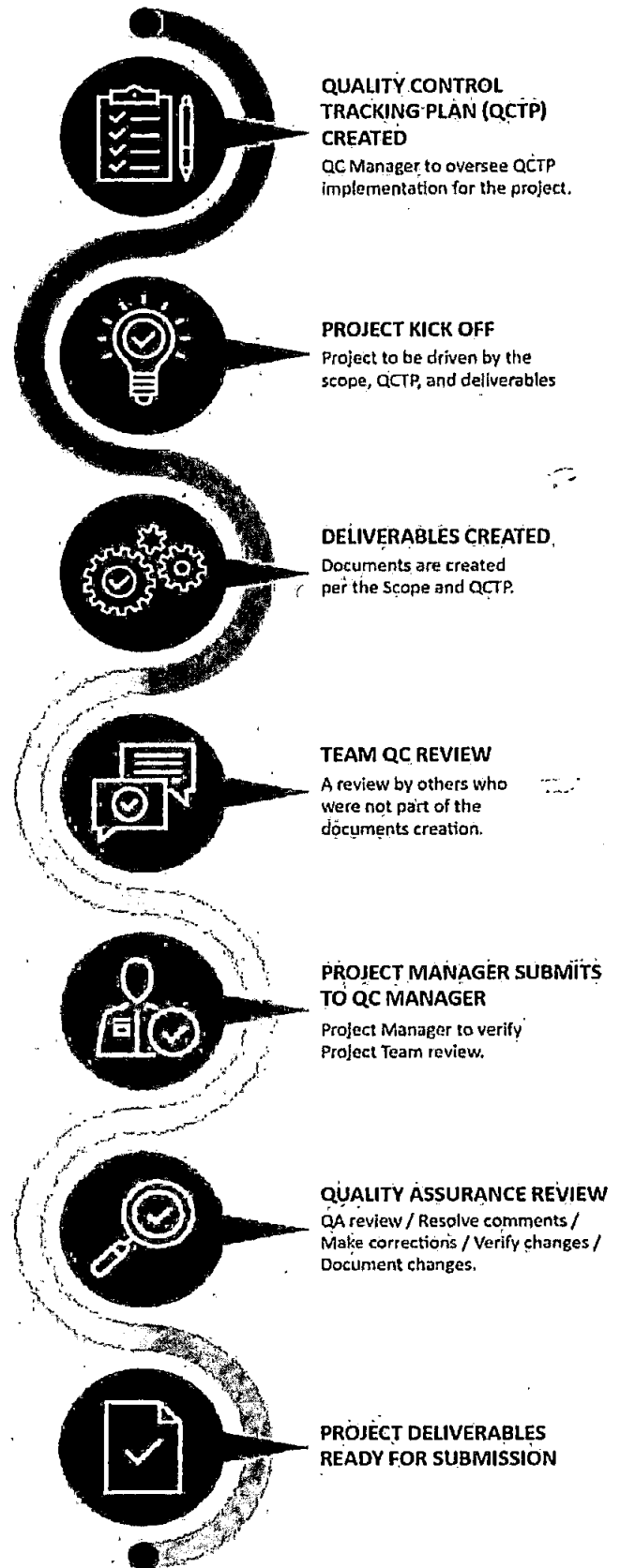
General Approach to Work

Firm's Internal Process

MDG has project management methods established to help monitor, and track each and every project. To begin, each signed project is set up so that the project team can work efficiently and effectively. MDG utilizes Deltek to manage the budget and major milestones for each project. At any point during a project, a project manager and/or team member can look to see how much time and effort has been expended for each Phase and Task of any project. This level of information exists for every phase of the project and allows for each project to be accurately tracked as it progresses to the typical 30%, 60% and 90% milestones.

In addition to the use of Deltek, MDG has created an internal tracking system that tracks where each project is (firm wide), key milestones (including QAQC), and allows for resource allocation (firm wide) so that project schedules can be met. It is important to know that every project is tracked and every Project Manager at MDG knows where each project is, its next step, and the resources that are required to get the task/phase done. Sub consultants are managed so that the overall project schedule can be maintained, and the budget is adhered to. This includes weekly communication and coordination on project specifics, and monthly communication regarding the budget.

This system for project management allows MDG to control the quality of each and every deliverable and ensures that MDG produces the highest quality of work to ensure that projects can be efficiently permitted and constructed with an eye on cost savings. As deliverables move through the project tracking process, they are subject to a team review (originating team) and an independent review by a licensed PE who did not work on the project. This ensures that every deliverable has gone through a minimum of two reviews.



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "R"

**PROJECT STATUS REPORT
(Complete and Submit)**

1. **Name of Project:** Veterans Parkway Extension and Widening
Project Description: Offsite improvements as required for the Stillwater and Crossroads developments in the area. Included approx. 0.80 miles of widening from 2 lanes to 4 lanes (divided) and 1.2 miles of new roadway extension.
Original Completion Date: Q3 2021 Final Completion Date: Ongoing
Brief Explanation of any Schedule Variances: On schedule as of now. Working with contractor and client to maintain schedule.

2. **Name of Project:** St. Johns Avenue Resurfacing
Project Description: Provided plans for repairing and resurfacing St. Johns Avenue from SR 19 to Zeagler Drive (approximately 6,300 LF) using an FDOT Small County Outreach Program (SCOP) Grant for funding.
Original Completion Date: Q3 2019 Final Completion Date: 07/2019
Brief Explanation of any Schedule Variances: Worked with Putnam County and contractor to maintain schedule.

3. **Name of Project:** Amazon Phase 1
Project Description: Improvements to Pecan Park Road including a vertical and horizontal realignment and intersection improvements, turn lane widening, signal modification, utility relocation, drainage design, etc.
Original Completion Date: Q2 2017 Final Completion Date: 06/2017
Brief Explanation of any Schedule Variances: Worked with client and contractor to maintain schedule.

4. **Name of Project:** Amazon Phase 2
Project Description: I-295 offramp safety improvements as required by FDOT. Reconfigured the offramp from weave and merge conditions to a signalized intersection with additional storage capacity.
Original Completion Date: Q3 2018 Final Completion Date: 08/2018
Brief Explanation of any Schedule Variances: Worked with client and contractor to maintain schedule.

5. **Name of Project:** Colbert Lane Resurfacing
Project Description: Resurfacing design for Colbert Lane between Palm Coast Parkway to SR 100 for 7.1 miles, and 1.2 miles of resurfacing and shoulder improvements for Grady Prather Jr. Cove in Palm Coast.
Original Completion Date: Q4 2017 Final Completion Date: 03/2018
Brief Explanation of any Schedule Variances: Extended schedule due to expanded scope request by Flagler County. During construction, MDG helped evaluate slope determination along Grady Prather and provided solutions.



RFQ 21-86

6. **Name of Project:** Woodlawn Road
Project Description: Raise, realign, and widen an approximate one-mile section of Woodlawn Road near Lewis Speedway.
Original Completion Date: Q3 2018 **Final Completion Date:** 09/2018
Brief Explanation of any Schedule Variances: Worked with St. Johns County and contractor to maintain schedule.
7. **Name of Project:** Masters Drive
Project Description: Identify drainage problem areas along approximately 4,000 feet of Masters Drive. Installation of additional stormwater collection and conveyance infrastructure. The project area abuts sensitive saltwater marshes that created design and construction challenges.
Original Completion Date: Q4 2015 **Final Completion Date:** 12/2015
Brief Explanation of any Schedule Variances: Worked with St. Johns County and contractor to maintain schedule.

(Use additional or supplemental pages as needed)



REQUEST FOR PROPOSALS
RFQ NO. 21-86

SECTION 6

Administrative Information




**MATTHEWS
DESIGN GROUP**

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "A"

QUALIFICATION CERTIFICATION

The Undersigned submits this Qualification Package to be considered as a Qualified Consultant for provision of professional engineering services for SR-A1A / Mickler Road Intersection Improvements Design & Permitting.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualification, if given, shall be valid for the purpose of submitting pricing for the above referenced contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualification Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the pre-qualification package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

Matthews Design Group, LLC

(Full Legal Company Name)

This 19 day of MAY, 2021

Attest: Rob A. Matthews III
By: Rob A. Matthews III, PE, President

Name and Title of Officer

APPROVED: Rob A. Matthews III
By: Rob A. Matthews III, PE, President

Name and Title of Authorized Officer

As Notarized

By: [Signature]

(Corporate Seal)



[Signature]

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "B"

AFFIDAVIT OF SOLVENCY

PERTAINING TO THE SOLVENCY OF [insert entity name] Matthews Design Group, LLC, being of lawful age and being duly sworn I, [insert affiant name] Rob A. Matthews III, PE, as [insert position or title] President (ex: CEO, officer, president, duly authorized representative, etc.) hereby certify under penalty of perjury that:

- 1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, unmatured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand failure to make truthful disclosure of any fact or item of information contained herein may result in denial of the application, revocation of the Certificate of Public Necessity if granted and/or other action authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this 19 day of May, 2024.

[Handwritten Signature]
Signature of Affiant

STATE OF Florida)

COUNTY OF St. Johns)

Subscribed and sworn to before me this 19 day of May, 2024, by Rob Matthews who personally appeared before me at the time of notarization, and who is personally known to me or who has produced as identification.

[Handwritten Signature]
Notary Public
My commission expires: 8/18/24



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "C"

AFFIDAVIT

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA


At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF Florida COUNTY OF St. Johns Before me, the undersigned authority, personally appeared Rob A. Matthews III, PE who, being duly sworn, deposes and says he is President (Title) of Matthews Design Group, LLC (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 21-86: SR-A1A / Mickler Road Intersection Improvements Design & Permitting.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.

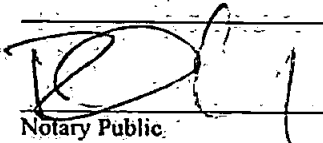
Matthews Design Group, LLC
(Proposer)

By Rob A. Matthews III, PE 
President
(Title)

STATE OF Florida)

COUNTY OF St. Johns)

Subscribed and sworn to before me this 19 day of MAY, 2024, by Rob Matthews who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.


Notary Public



My commission expires: 8/18/24

VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

St. Johns County Board of County Commissioners

ATTACHMENT "D"

CONFLICT OF INTEREST DISCLOSURE FORM

Project (RFQ) Number/Description: RFO No. 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the Consultant's/Contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:



I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.



The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent:

Matthews Design Group, LLC

Authorized Representative(s):


Signature

Rob A. Matthews III, PE, President

Print Name/Title

Signature

Print Name/Title

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

St. Johns County Board of County Commissioners

ATTACHMENT "E"

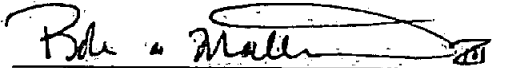
DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that Matthews Design Group, LLC does:

Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for proposals a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.


Signature

MAY 19, 2021
Date



**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "F"

PROOF OF INSURANCE

Respondents shall provide certificates of insurance as part of their submittal package. Certificates of insurance shall meet or exceed the requirements as described under Insurance.

Failure to provide proof of current insurance coverage or ability to obtain the required coverages may result in being deemed non-responsive and removed from further consideration.

(Attach or insert copy of "Certificate of Insurance" here)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/2/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER ThompsonBaker Agency, Inc. 61 Cordova Street St. Augustine FL 32084	CONTACT NAME: Certificates Department	
	PHONE (A/C, No, Ext): 904-824-1831	FAX (A/C, No): 904-824-1675
E-MAIL ADDRESS: certificates@thompsonbaker.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: MSA Insurance Company		11086
INSURER B: Landmark American Ins.Co		33138
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 1226560599 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD'L SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		BPP6179H	7/1/2020	7/1/2021	EACH OCCURRENCE - \$ 1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 600,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		B2G6080B	7/1/2020	7/1/2021	COMBINED SINGLE LIMIT (Per accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS MADE DED RETENTIONS		CUP6179H	7/1/2020	7/1/2021	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In RH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Professional Liability		LHR7831CQ	7/5/2020	7/5/2021	Each Claim Aggregate 1,000,000 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101; Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER For Informational Purposes Only	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/05/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: Arthur J. Gallagher Risk Services for CoAdvantage Jeffrey Rendel 250 Tequesta Drive Tequesta, FL 33418	CONTACT NAME: PHONE (A/C No. Ext): (866) 854-5423 FAX (A/C No.): E-MAIL ADDRESS: col@coadvantage.com	
	INSURER(S) AFFORDING COVERAGE	
INSURED CoAdvantage Corporation Att. Emp: Matthews Design Group LLC 3350 Buschwood Park Drive #200 Tampa, FL 33618	INSURER A: American Zurich Insurance Company	NAIC # 40142
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER: 20FLO9090107** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Per accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below.	Y/N	WC 56-11-942-06	04/01/2020	04/01/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000
			Location Coverage Period:	04/01/2020	04/01/2021	Client# 21376-FL

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Coverage is provided for only those co-employees of, but not subcontractors to:
 Matthews Design Group LLC
 7 Waldo St
 St. Augustine, FL 32084

CERTIFICATE HOLDER: Matthews Design Group LLC 7 Waldo St St. Augustine, FL 32084	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "G"

LOCAL PREFERENCE

Any Respondent that meets the criteria of a Local Business, in accordance with Section 302.25 of the SJC Purchasing Procedure Manual, must complete and sign this Attachment "G" to indicate their qualification to receive local preference. All required documentation to demonstrate that the Respondent meets all qualification criteria as a local business must be included in the submitted proposal/submittal with this Attachment "G".

In order to qualify for local preference Respondent must provide sufficient documentation to demonstrate:

- A physical, brick and mortar place of business located within the geographic boundaries of St. Johns County, with a valid mailing address, in an area zoned for the conduct of such business, from which the Vendor has operated or performed business on a day-to-day basis that is substantially similar to those specified in the solicitation for a period of at least one (1) calendar year prior to the issuance of the solicitation. No PO Boxes shall be accepted.
• Local address above must be registered as the Vendor's principal place of business with the Divisions of Corporations Florida Department of State for at least one (1) calendar year prior to the issuance of this RFP.
• Submit current and valid Local Business Tax Receipt, and must have Local Business Tax Receipts issued by the St. Johns County Tax Collector from at least one (1) calendar year prior to issuance of this RFP.
• Must qualify as a local business as shown above AND self-perform a minimum of fifty percent (50%) of all services under the awarded Contract, or must have a minimum of fifty percent (50%) of all services performed by qualified local businesses as sub-contractors or sub-consultants.

If qualifying for local preference through the use of qualified local sub-contractors or sub-consultants, Respondent must submit all required documentation to demonstrate the above requirements of all proposed sub-contractors and sub-consultants for local preference consideration with the submitted proposal.

Respondent is a Local Business as defined in Section 302.25, SJC Purchasing Procedure Manual X

If Respondents selects this option, by signing below, Respondent certifies that the firm qualifies as a local business in accordance with the requirements stated above, OR certifies that the submitted local business proposed as sub-contractors or sub-consultants meet the requirements for local preference AND that a minimum of fifty percent (50%) of all services shall be performed by local businesses as proposed.

Respondent is not a Local Business as defined in Section 302.25, SJC Purchasing Procedure Manual

If Respondent selects this option, Respondent is not seeking consideration for local preference, and is not required to submit the documentation provided above.

Handwritten signature of Rob A. Matthews, III

Signature - Authorized Respondent Representative


Rob A. Matthews, III, PE, President

Printed Name & Title

Handwritten date: May 19, 2021

Date of Signature

St. Johns County Business Tax Receipt



**ST. JOHNS COUNTY
TAX COLLECTOR**

DENNIS W. HOLLINGSWORTH, CFC
PO Box 0001, St. Augustine FL 32085-9001

2020/2021 Local Business Tax Renewal Notice

RECEIPT EXPIRES SEPTEMBER 30th OF EACH YEAR

Business Information:
MATTHEWS DESIGN GROUP INC
7 WALDO ST
CONSULTANT

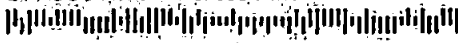
Account Number: 0001026239

Current Amount Due: \$ 22.00
Arrears/Penalty: \$ 0.00
Total Due By Sept. 30: \$ 22.00

Late Penalty Fees:	OCT: 10%	DEC: 20%
	NOV: 15%	JAN: 25%

RETURN THIS NOTICE WITH PAYMENT OR
RENEW ONLINE AT: www.sjctax.us
Dennis W. Hollingsworth
St. Johns County Tax Collector
THIS IS NOT A RECEIPT UNLESS VALIDATED


MATTHEWS DESIGN GROUP INC
MATTHEWS ROB A
PO BOX 3126
ST AUGUSTINE FL 32085-3126



0000002200 0000002200 0000000001026239 1001 9

City of St. Augustine Business Tax Receipt

Duval County Business Tax Receipt



CITY OF ST. AUGUSTINE
50 BRIDGE ST.
ST. AUGUSTINE, FLORIDA 32084-0334

BUSINESS TAX RECEIPT-2020-2021

ROB A MATTHEWS III
7 WALDO ST
ST AUGUSTINE FL 32084

BUSINESS NAME:
MATTHEWS DESIGN GROUP INC

BUSINESS LOCATION:
7 WALDO ST
ST AUGUSTINE, FL 32084

BUSINESS TYPE:
PROFESSION

BUSINESS TAX TYPE:
MISC BUSINESS OFFICE


AMOUNT PAID:
\$50.00

THIS BUSINESS TAX RECEIPT MUST BE CONSPICUOUSLY DISPLAYED AT ALL
BUSINESS LOCATIONS AT ALL TIMES.

THIS BUSINESS TAX RECEIPT IS FURNISHED IN PURSUANCE OF CITY ORDINANCE
2008-10. THIS BUSINESS IS HEREBY APPROVED TO ENGAGE IN THE BUSINESS,
PROFESSION OR OCCUPATION AS STATED ABOVE FOR THE PERIOD BEGINNING
ON OCTOBER 1, THRU SEPTEMBER 30.

Mark E. Simpson, CPA
Mark E. Simpson, CPA
Finance Director

TAX #: 010230
ISSUE DATE: 08/16/2020



2020-2021 BUSINESS TAX RECEIPT
DUVAL COUNTY TAX COLLECTOR
2311 HIGHLAND STREET, SUITE 100, JACKSONVILLE, FL 32225-3070
Phone: (904) 231-1111, ext. 2 Fax: (904) 231-1417
Hours of Office: 9:00 a.m. - 5:00 p.m. Monday - Friday

Note - A penalty is imposed for failure to keep this receipt exhibited conspicuously at your place of business.
This Business Tax Receipt is furnished pursuant to Municipal Ordinance Code Sections 170-772, for the period
October 1, 2020 through September 30, 2021.

MATTHEWS DESIGN GROUP LLC
ROB A MATTHEWS III
6021 SOUTHPOINT DR
STE 315
JACKSONVILLE FL 32215

ACCOUNT NUMBER: 327342
LOCATION ADDRESS: 6021 SOUTHPOINT DR STE 315 JACKSONVILLE FL 32215

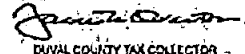
DESCRIPTION: ENGINEER-ALL TYPES STATE LICENSE NO: 64400

COUNTY RECEIPT DESC: ENGINEER - ALL TYPES COUNTY TAX: \$0.00
MUNICIPAL RECEIPT DESC: MC 772.313 MUNICIPAL TAX: \$50.00
TOTAL TAX PAID: \$50.00

VALID UNTIL September 30, 2021

*****ATTENTION*****
THIS RECEIPT IS FOR BUSINESS TAX RECEIPT ONLY.
CERTAIN BUSINESSES MAY REQUIRE ADDITIONAL STATE LICENSING

This is a business tax receipt only. It does not permit the holder or recipient to validate any existing regulatory or zoning laws of the County of Duval. It does not meet all the (state) federal, state or local requirements as permitted by law. This is not a certification of the receipt holder's qualifications.


DUVAL COUNTY TAX COLLECTOR
THIS BECOMES A RECEIPT AFTER VALIDATION.
PAID-295469.0002-0002 A07 08/19/2020 130.30



REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "H"

E-VERIFY AFFIDAVIT

STATE OF Florida
COUNTY OF St. Johns

I, Rob A. Matthews III, PE (hereinafter "Affiant"), being duly authorized by and on behalf of Matthews Design Group, LLC (hereinafter "Consultant/Contractor") hereby swears or affirms as follows:

- 1. Consultant/Contractor understands that E-Verify, authorized by Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), is a web-based system provided by the United States Department of Homeland Security, through which employers electronically confirm the employment eligibility of their employees.
2. For the duration of Contract No. 21-86 (hereinafter "Agreement"), in accordance with section 448.095, F.S., Consultant/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Consultant/Contractor and shall expressly require any subcontractors performing work or providing services pursuant to the Agreement to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor.
3. Consultant/Contractor shall comply with all applicable provisions of section 448.095, F.S., and will incorporate in all subcontracts the obligation to comply with section 448.095, F.S.
4. Consultant/Contractor understands and agrees that its failure to comply with all applicable provisions of section 448.095, F.S. or its failure to ensure that all employees and subcontractors performing work under the Agreement are legally authorized to work in the United States and the State of Florida constitute a breach of the Agreement for which St. Johns County may immediately terminate the Agreement without notice and without penalty. The Consultant/Contractor further understands and agrees that in the event of such termination, Consultant/Contractor shall be liable to the St. Johns County for any costs incurred by the St. Johns County resulting from Consultant/Contractor's breach.

DATED this 19 day of MAY, 2021.

Signature of Affiant (Handwritten signature of Rob A. Matthews III)

Rob A. Matthews III, PE
Printed Name of Affiant

President
Printed Title of Affiant

Matthews Design Group, LLC
Full Legal Name of Consultant/Contractor

Sworn to (or affirmed) and subscribed before me by means of [X] physical presence or [] online notarization, this 19 day of MAY, 2021, by Rob Matthews, who is personally known to me or has produced as identification.



Notary Public (Handwritten signature)
My Commission Expires: 8/18/21

(Handwritten scribble)

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "I"

SWORN STATEMENT UNDER SECTION 287.133(3)(A), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

(To be signed in the presence of notary public or other officer authorized to administer oaths.)

Before me, the undersigned Authority, personally appeared affiant Rob A. Matthews III, PE who, being by me first duly sworn, made the following statement:

- 1. The business address of Matthews Design Group, LLC 7 Waldo St., St. Augustine, FL 32084
2. My relationship to Matthews Design Group, LLC is President
3. I understand that a public entity crime as defined in Section 287.133 of the Florida Statutes includes 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 in Florida or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any proposal or contract for goods or services to be provided to any public entity or such an agency or political subdivision and involving an trust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
4. I understand that "convicted" or "conviction" is defined by the Florida Statutes to mean 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 record 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 guilt or nolo contendere.
5. I understand that "affiliate" is defined by the Florida Statutes to mean (1) a predecessor or successor of a person or a corporation convicted of a public entity crime; or (2) 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, or (3) those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate, or (4) a person or corporation who knowingly entered into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months.
6. Neither the Offeror or consultant, nor any officer, director, executive, partner, shareholder, employee, member or agent who is active in the management of the Offeror or consultant, nor any affiliate of the Offeror or consultant has been convicted of a public entity crime subsequent to July 1, 1989. (Draw a line through paragraph 6 if paragraph 7 below applies.)
7. There has been a conviction of a public entity crime by the Offeror or consultant, or an officer, director, executive, partner, shareholder, employee, member or agent of the Offeror or consultant who is active in the management of the Offeror or consultant or an affiliate of the Offeror or consultant. A determination has been made pursuant to Section 287.133(3) by order of the Division of Administrative Hearings that it is not in the public interest for the name of the convicted person or affiliate to appear on the convicted vendor list. The name of the convicted person or affiliate is [redacted]. A copy of the order of the Division of Administrative Hearings is attached to this statement. (Draw a line through paragraph 7 if paragraph 6 above applies.)

Matthews Design Group, LLC

Name of Business

By: Rob A. Matthews III, PE

Printed Name: Rob A. Matthews III, PE

Title: President

STATE OF Florida

COUNTY OF St. Johns

Sworn to (or affirmed) and subscribed before me this 19 day of MAY, 2021 by Rob Matthews as President of Matthews Design Group and who:

[Notary: Please select one]

X is personally known to me; or

has produced as identification.

[Signature]

Notary Public, State of Florida

typed or stamped name, commission and expiration:



[Handwritten mark]

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "J"

CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub recipients shall certify and disclose accordingly.

Legal Name of Consultant: Matthews Design Group, LLC
By: Rob A. Matthews III, PE Date: 5/27/21
Authorized Signature: [Handwritten Signature]
Title: President





St. Johns County Board of County Commissioners

Purchasing Division

ADDENDUM #1

April 30, 2021

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: RFQ No. 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each Respondent will ascertain before submitting a proposal that he/she has received all Addenda, and return an original and an electronic copy of this signed Addendum with the submitted proposal as provided in the RFQ Documents.

A. CHANGES TO EVALUATION CRITERIA AND SCORING:

The following changes have been made to Part IV Section I - Evaluation Criteria and Scoring in the RFQ document:

Table with 2 columns: Evaluation Criteria and Maximum Possible Points per Evaluator. Rows include A-F (Local Preference, Company Qualifications, Staff Qualifications, Related Experience, Approach to Services, Proposed Design Schedule) and G-H (Interviews and/or Presentations, Presentations).

THE RFQ DUE DATE REMAINS MAY 27, 2021 AT 4:00 P.M.

Acknowledgment

Signature and Date: Rob A. Matthews III, 5/21/21

Rob A. Matthews III, PE, President

Printed Name/Title

Matthews Design Group, LLC

Company Name (Print)

Sincerely,

Diana M. Fye, AS, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 1



St. Johns County Board of County Commissioners

Purchasing Division

ADDENDUM #2

May 5, 2021

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: RFQ No. 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each Respondent will ascertain before submitting a proposal that he/she has received all Addenda, and return an original and an electronic copy of this signed Addendum with the submitted proposal as provided in the RFQ Documents.

A. CHANGE TO CONTRACT AGREEMENT & TERM:

The first paragraph of Part VI: Contract Requirements section "A" - Contract Agreement & Term has been changed as follows:

PART VI: CONTRACT REQUIREMENTS

A. CONTRACT AGREEMENT & TERM

The intent of this RFQ is to select one firm through the evaluation process and to award a contract upon successful negotiations to the selected firm. It is anticipated the County will issue a contract for the duration of the project. The expectation of the County is to have complete design and bid-ready construction documents within twelve (12) months of contract. The Contract Agreement for the services provided herein shall be on a form furnished by St. Johns County, and agreed upon by both parties.

THE RFQ DUE DATE REMAINS MAY 27, 2021 AT 4:00 P.M.

Acknowledgment

[Handwritten signature] 5/21/21

Signature and Date

Rob A. Matthews III, PE, President

Printed Name/Title

Matthews Design Group, LLC

Company Name (Print)

Sincerely,

[Handwritten signature]

Diana M. Fye, AS, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 2



St. Johns County Board of County Commissioners

Purchasing Division

ADDENDUM #3

May 14, 2021

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: RFQ No. 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting

This Addendum #3 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each Respondent will ascertain before submitting a proposal that he/she has received all Addenda, and return an original and an electronic copy of this signed Addendum with the submitted proposal as provided in the RFP Documents.

A: QUESTIONS:

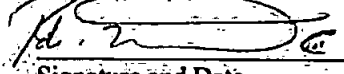
1. Do the forms attached at the back for references and project status reports have to be used or can we provide them in a different format with graphics and photos?
Answer: The forms provided in the RFQ document must be used; but additional, supportive, information may be included.
2. How does the Local Preference grading work if a sub-consultant is local? Is the full 10 points given or is partial credit given? If partial credit is given what is the breakdown of points given?
Answer: Local Preference only applies to the Prime Respondent, not to sub-consultants. No partial credit is given.
3. Is it possible for us to obtain the synchro models for the Existing Condition and each Build Alternative referenced in the "SR A1A and Mickler Road Intersection Control Analysis" dated 10/27/2020?
Answer: The County does not have this information available.
4. Could the County confirm if there are any consultants who are ineligible to pursue this RFQ (21-86) based on their current commitments or previous work with the County?
Answer: There are no known consultants ineligible to submit for this RFQ.
5. What is the funding source for this project and are there any mandated design/construction completion deadlines?
Answer: Funding source for this project is the County's Capital Improvements budget. Amendment No. 2 added an expectation of the County for complete design and bid-ready construction documents within twelve (12) months after an executed contract. Construction timeframe is unknown as 100% plans are required for the County to bid the construction phase.

A handwritten signature in black ink, appearing to be a stylized name.

- 6. What is the estimated design budget for the project?
Answer: \$400,000.00.
- 7. Has the county identified a project manager?
Answer: Yes.

THE RFQ DUE DATE REMAINS MAY 27, 2021 AT 4:00 P.M.

Acknowledgment

 5/21/21

Signature and Date

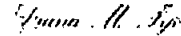
Rob A. Matthews III, PE, President

Printed Name/Title

Matthews Design Group, LLC

Company Name (Print)

Sincerely,



Diana M. Fye, AS, CPPB
Procurement Coordinator

END OF ADDENDUM NO. 3

RFQ NO. 21-86

PREPARED BY:

Matthews Design Group, LLC

Corporate Headquarters

7 Waldo Street

St. Augustine, FL 32084

904.826.1334

www.MDGinc.com

CONTACT:

Chris Buttermore, PE

Chris@MDGinc.com

904.826.1334

www.MDGinc.com




**MATTHEWS
DESIGN GROUP**



St. Johns County Board of County Commissioners

Purchasing Division

ADDENDUM #3

May 14, 2021

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: RFQ No. 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting

This Addendum #3 is issued for further respondent's information and is hereby incorporated into the RFQ documents. Each Respondent will ascertain before submitting a proposal that he/she has received all Addenda, and **return an original and an electronic copy of this signed Addendum with the submitted proposal** as provided in the RFP Documents.

A. QUESTIONS:

1. Do the forms attached at the back for references and project status reports have to be used or can we provide them in a different format with graphics and photos??
Answer: The forms provided in the RFQ document must be used, but additional, supportive, information may be included.
2. How does the Local Preference grading work if a sub-consultant is local? Is the full 10 points given or is partial credit given? If partial credit is given what is the breakdown of points given?
Answer: Local Preference only applies to the Prime Respondent, not to sub-consultants. No partial credit is given.
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Answer: Funding source for this project is the County's Capital Improvements budget. Amendment No. 2 added an expectation of the County for complete design and bid-ready construction documents within twelve (12) months after an executed contract. Construction timeframe is unknown as 100% plans are required for the County to bid the construction phase.

6. What is the estimated design budget for the project?

Answer: \$400,000.00.

7. Has the county identified a project manager?

Answer: Yes.

THE RFQ DUE DATE REMAINS MAY 27, 2021 AT 4:00 P.M.

Acknowledgment

Sincerely,

Signature and Date

Diana M. Fye
Diana M. Fye, AS, CPPB
Procurement Coordinator

Printed Name/Title

Company Name (Print)

END OF ADDENDUM NO. 3

Table of Contents

ICE FORM – Stage 1

CAP-X – Existing Traffic Signal AM Peak

CAP-X – Existing Traffic Signal PM Peak

CAP-X – Traffic Signal Alternatives AM Peak

CAP-X – Traffic Signal Alternatives PM Peak

SPICE – Stage 1

Concept Plans

Cost Estimate

Turning Movement Counts

Synchro Existing Configuration Results

Synchro Traffic Signal Alt 1 Configuration Results

Synchro Traffic Signal Alt 2 Configuration Results

FEMA and Wetland Maps

ICE FORM – Stage 1

Florida Department of Transportation
Intersection Control Evaluation (ICE) Form
Stage 1: Screening

Intersection Control Evaluation Form 750-010-30

To fulfill the requirements of Stage 1 (Screening) of FDOT's ICE procedures, complete the following form and append all supporting documentation. Completed forms can be submitted to the District Traffic Operations Engineer (DTOE) and District Design Engineer (DDE) for the project's approval.


Project Name	Mickler Road and SR A1A Alternatives	FDOT Project #		Date	07/15/20
Submitted By	Adriann LeBlanc, ETM	Agency/Company	St. Johns County Public Works	Email	leblanca@etmnc.com
FDOT Context Classification	C2 - Rural	FDOT District	District 2	County	St. Johns
Project Locality (City/Town/Village)	Ponte Vedra Beach		Project Type	Safety Improvement Project	
Project Purpose <i>(What is the catalyst for this project and why is it being undertaken?)</i>	SR A1A and Mickler Road is currently a signalized intersection which is proposed for reconfiguration to include dual eastbound left-turn lanes, a westbound left-turn lane, and dual northbound through-lanes. The additional lanes are intended to accommodate the projected traffic demand. The ICE policy is being implemented to identify an applicable intersection control type.				
Project Setting Description <i>(Describe the area surrounding the intersection)</i>	The land uses surrounding the intersection comprise mainly residential and Forests, Parks & Recreational Areas. Guana State Park is located in the southwest corner and North Florida Lane Trust Inc. in the northeast corner.				
Multimodal Context <i>(Describe the pedestrian, bicycle, and transit activity in the area and the potential for activity based on surrounding land uses and development patterns)</i>	Approximately 6' concrete sidewalks are provided along the west side of the north leg and south leg, the north side of the west leg, and the north side of the east leg. 4' bike lanes are provided north and south along SR A1A. No bus stops are located within the vicinity of the study location.				

Major Street Information									
Route #:	SR A1A	Route Name(s)		Milepost	0.346				
Existing Control Type	Signal		Existing AADT	19,080	Design Year AADT	38,131			
Design Vehicle	Interstate Semitrailer (WB-62)		Control Vehicle	Interstate Semitrailer (WB-62)					
Primary Functional Classification	Urban Minor Arterial			Design Speed (mph)	60				
Secondary Functional Classification (if app.)				Target Speed (mph) [if app.]					
Approach #1	Direction	Northbound		Number of Lanes		Study Period #1 Traffic Volumes		Study Period #2 Traffic Volumes	
	Sidewalks along	Neither side of the approach		Left-Turn	1				
	Crosswalk on Approach?	Yes		Left-Through		Weekday-AM Peak		Weekday PM Peak	
	On-Street Bike Facilities?	Yes		Through		Left	68	Left	73
	Multi-Use Path?	No		Left-Through-Right		Through	420	Through	274
	Scheduled Bus Service?	No		Through-Right	1	Right	32	Right	73
	Bus Stop on Approach?	No		Right-Turn		Daily Truck %		1.8%	
Approach #2	Direction	Southbound		Number of Lanes		Study Period #1 Traffic Volumes		Study Period #2 Traffic Volumes	
	Sidewalks along:	One side of the approach		Left-Turn	1				
	Crosswalk on Approach?	Yes		Left-Through		Weekday AM Peak		Weekday PM Peak	
	On-Street Bike Facilities?	Yes		Through	1	Left	47	Left	55
	Multi-Use Path?	No		Left-Through-Right		Through	237	Through	478
	Scheduled Bus Service?	No		Through-Right		Right	664	Right	1,003
	Bus Stop on Approach?	No		Right-Turn	1	Daily Truck %		1.8%	

Minor Street Information										
Route #:		Route Name(s)		Mickler Road			Milepost (if app.)			
Existing Control Type		Signal		Existing AADT		-12,458		Design Year AADT		27,541
Design Vehicle		Interstate Semitrailer (WB-62)		Control Vehicle		Interstate Semitrailer (WB-62)				
Primary Functional Classification				Urban Major Collector			Design Speed (mph)			35
Secondary Functional Classification (if app.)				Target Speed (mph) [if app.]						
Approach #1	Direction		Eastbound		Number of Lanes		Study Period #1 Traffic Volumes		Study Period #2 Traffic Volumes	
	Sidewalks along:		One side of the approach		Left-Turn		Weekday AM Peak		Weekday PM Peak	
	Crosswalk on Approach?		Yes		Left-Through		Left		Left	
	On-Street Bike Facilities?		No		Through		1,103		714	
	Multi-Use Path?		No		Left-Through-Right		Through		Through	
	Scheduled Bus Service?		No		Through-Right		Right		Right	
	Bus Stop on Approach?		No		Right-Turn		86		113	
						Daily Truck %		1.8%		
Approach #2	Direction		Westbound		Number of Lanes		Study Period #1 Traffic Volumes		Study Period #2 Traffic Volumes	
	Sidewalks along:		One side of the approach		Left-Turn		Weekday AM Peak		Weekday PM Peak	
	Crosswalk on Approach?		Yes		Left-Through		Left		Left	
	On-Street Bike Facilities?		No		Through		29		35	
	Multi-Use Path?		No		Left-Through-Right		Through		Through	
	Scheduled Bus Service?		No		Through-Right		Right		Right	
	Bus Stop on Approach?		No		Right-Turn		80		77	
						Daily Truck %		1.8%		
Approach #3	Direction				Number of Lanes		Study Period #1 Traffic Volumes		Study Period #2 Traffic Volumes	
	Sidewalks along:				Left-Turn		Weekday AM Peak		Weekday PM Peak	
	Crosswalk on Approach?				Left-Through		Left		Left	
	On-Street Bike Facilities?				Through		Through		Through	
	Multi-Use Path?				Left-Through-Right		Right		Right	
	Scheduled Bus Service?				Through-Right		Through		Through	
	Bus Stop on Approach?				Right-Turn		Right		Right	
						Daily Truck %				

Crash History (Existing Intersections Only)
Append the most recent five-years of crash data for the intersection from the CAR System. If the crash data evidences any issues relating to safety performance, discuss briefly here:
Crash data was collected from Signal Four Analytics within the study area for a five-year period from January 2014 to December 2018. A total of 51 crashes were reported within the study area resulting in 26 injuries (in 14 collisions) and no fatalities. Rear-end was the highest crash type with 20 crashes and second was left-turn or angle related with 16 collisions. 6 collisions occurred on wet pavement and 14 nighttime crashes.

Control Strategy Evaluation						
Provide a brief justification as to why each of the following control strategies should be advanced or not. Justification should consider potential environmental impacts.						
Control Strategy	CAP-X Outputs			SPICE Ranking	Strategy to Be Advanced?	Justification
	V/C Ratio		Multimodal Score			
	Weekday AM Peak	Weekday PM Peak				
Two-Way Stop-Controlled	N/A	N/A	N/A	N/A	No	Existing intersection control is a traffic signal
All-Way Stop-Controlled	N/A	N/A	N/A	N/A	No	Existing intersection control is a traffic signal
Signalized Control	1.40	1.37	7.2	3	No	*** Unacceptable delay occurs prior to 2040
Roundabout	N/A	N/A	N/A	N/A	No	Existing ROW limitations with existing land uses - including Guana State Park
Median U-Turn	N/A	N/A	N/A	N/A	No	A median U-turn would re-route approximately 1,000' vehicles EBL movement, which is not desirable
RCUT (Signalized)	N/A	N/A	N/A	N/A	No	A median U-turn would re-route approximately 1,000' vehicles EBL movement, which is not desirable
RCUT (Unsignalized)	N/A	N/A	N/A	N/A	No	Existing intersection control is a traffic signal
Jughandle				N/A	No	
Displaced Left-Turn	N/A	N/A	N/A	N/A	No	Existing ROW limitations with existing land uses - including Guana State Park. Only one left turn movement is high enough to consider DLT
Continuous Green Tee	N/A	N/A	N/A	N/A	No	Existing intersection configuration is 4-leg.
Quadrant Roadway	0.65	0.90	6.7		No	*** 3 signal (Alt. 2) Jughandle - Spice ranking 2. The NPV of total costs does not value this alt. over the signal control Alt. 1, even without the cost of ROW.
Partial MUT	N/A	N/A	N/A	N/A	No	A partial median U-turn north of the subject intersection on SR A1A would negatively impact existing wetlands.
Signal Control (Alt)	0.71	0.97	7.2	1	Yes	*** Proposed lane configuration developed prior to ICE Evaluation: Dual EB Left-Turn Lanes, dual NB through lanes, WB left-turn lane.

Resolution					
To be filled out by FDOT District Traffic Operations Engineer and District Design Engineer					
Project Determination		Identified Control Strategy Approved			
Comments					
DTOE Name James Hannigan, PE, MSCE, MBA FDOT District Two Traffic Operations Engineer 386-961-7302	Signature 	Digitally signed by James Hannigan Date: 2020.10.27 08:27:10 -04'00'	Date		
DDE Name Kathryn D. Thomas, PE FDOT District Two Design Engineer 386-961-7533	Signature Kathryn D Thomas	Digitally signed by Kathryn D Thomas Date: 2020.10.27 08:35:24 -04'00'	Date		

Outputs

This sheet compiles the data from summary tables in individual alternatives sheets. To populate the output sheet press the "Setup Worksheets" button in the Alternatives MasterList tab.

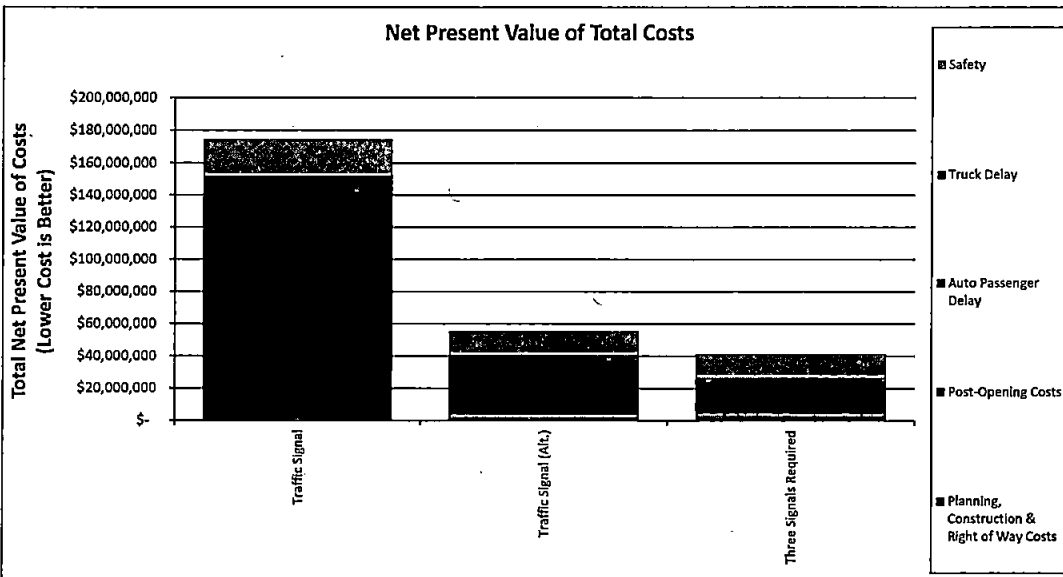
Agency:	St. Johns County Public Works
Project Name:	Mickler Road and SR A1A Alterna
Project Reference:	16-286-10
Intersection:	Mickler Road and SR A1A Interse
City:	Ponte Vedra Beach
State:	Florida
Performing Department or Organization:	Transportation Department
Date:	9/29/2020
Analyst:	ETM
Analysis Type:	At-Grade Intersection

Analysis Summary

Cost Categories	Net Present Value of Costs		
	Traffic Signal	Traffic Signal (Alt.)	Three Signals Required
Planning, Construction & Right of Way Costs	\$ -	\$ 2,734,536	\$ 3,417,861
Post-Opening Costs	\$ 98,229	\$ 98,229	\$ -
Auto Passenger Delay	\$ 142,939,838	\$ 35,860,797	\$ 22,033,731
Truck Delay	\$ 9,331,711	\$ 2,345,469	\$ 1,441,133
Safety	\$ 22,192,772	\$ 14,668,427	\$ 14,668,427
Total cost	\$174,562,550	\$55,707,458	\$41,561,152

To exclude

Benefit Categories	Net Present Value of Benefits Relative to Base Case		
	Traffic Signal	Traffic Signal (Alt.)	Three Signals Required
Auto Passenger Delay	\$ 107,079,041	\$ 120,906,106	\$ 120,906,106
Truck Delay	\$ 6,986,243	\$ 7,890,579	\$ 7,890,579
Safety	\$ 7,524,345	\$ 7,524,345	\$ 7,524,345
Net Present Value of Benefits	\$ 121,589,628	\$ 136,321,030	\$ 136,321,030
Net Present Value of Costs	\$ 2,734,536	\$ 3,319,632	\$ 3,319,632
Net Present Value of Improvement	\$ 118,855,092	\$ 133,001,398	\$ 133,001,398
Benefit-Cost (B/C) Ratio		44.46	41.07
Delay B/C		41.71	38.80
Safety B/C		2.75	2.27



CAP-X – Existing Traffic Signal AM Peak

Capacity Analysis for Planning of Junctions

Summary Report - Page 1 of 2

Project Name:	Mickler Road and SR A1A Alternatives
Project Number:	16-286-10
Location:	Ponte Vedra Beach, Florida
Date:	2040 AM
Number of Intersection Legs:	4
Major Street Direction	North-South

Traffic Volume Demand						
	Volume (Veh/hr)				Percent (%)	
	U-Turn 	Left 	Thru 	Right 	Heavy Vehicles	Volume Growth
Eastbound	0	1103	210	86	2.00%	3.85%
Westbound	0	29	175	80	2.00%	3.85%
Southbound	0	47	237	664	2.00%	2.31%
Northbound	0	68	420	32	2.00%	2.31%
Adjustment Factor	0.80	0.95		0.85		
Suggested	0.80	0.95		0.85		
Truck to PCE Factor				Suggested = 2.00	2.00	
FDOT Context Zone			C2-Rural			
Critical Lane Volume Threshold	2-phase signal		Suggested = 1800	1800		
	3-phase signal		Suggested = 1750	1750		
	4-phase signal		Suggested = 1700	1700		

CAP-X – Existing Traffic Signal PM Peak

Capacity Analysis for Planning of Junctions

Summary Report - Page 1 of 2

Project Name:	Mickler Road and SR A1A Alternatives
Project Number:	16-286-10
Location:	Ponte Vedra Beach, Florida
Date:	2019 PM
Number of Intersection Legs:	4
Major Street Direction:	North-South





Traffic Volume Demand						
	Volume (Veh/hr)				Percent (%)	
	U-Turn 	Left 	Thru 	Right 	Heavy Vehicles	Volume Growth
Eastbound	0	714	130	113	2.00%	3.85%
Westbound	0	35	232	77	2.00%	3.85%
Southbound	0	55	478	1003	2.00%	2.31%
Northbound	0	73	274	19	2.00%	2.31%
Adjustment Factor	0.80	0.95		0.85		
Suggested	0.80	0.95		0.85		
Truck to PCE Factor				Suggested = 2.00	2.00	
FDOT Context Zone		C2-Rural				
Critical-Lane Volume Threshold	2-phase signal			Suggested = 1800	1800	
	3-phase signal			Suggested = 1750	1750	
	4-phase signal			Suggested = 1700	1700	

CAP-X –Traffic Signal Alternatives AM Peak

Capacity Analysis for Planning of Junctions

Summary Report - Page 1 of 2

Project Name:	Mickler Road and SR A1A Proposed Configuration
Project Number:	16-286-10
Location:	Ponte Vedra Beach, Florida
Date:	2040 AM
Number of Intersection Legs:	4
Major Street Direction	North-South





Traffic Volume Demand						
	Volume (Veh/hr)				Percent (%)	
	U-Turn 	Left 	Thru 	Right 	Heavy Vehicles	Volume Growth
Eastbound	0	1103	210	86	2.00%	3.85%
Westbound	0	29	175	80	2.00%	3.85%
Southbound	0	47	237	664	2.00%	2.31%
Northbound	0	68	420	32	2.00%	2.31%
Adjustment Factor:	0.80	0.95		0.85		
Suggested	0.80	0.95		0.85		
Truck to PCE Factor				Suggested = 2.00		2.00
FDOT Context Zone			C2-Rural			
Critical Lane Volume Threshold	2-phase signal		Suggested = 1800		1800	
	3-phase signal		Suggested = 1750		1750	
	4-phase signal		Suggested = 1700		1700	

CAP-X –Traffic Signal Alternatives PM Peak

Capacity Analysis for Planning of Junctions

Summary Report - Page 1 of 2

Project Name:	Mickler Road and SR A1A Proposed Configuration
Project Number:	16-286-10
Location:	Ponte Vedra Beach, Florida
Date:	2040 AM
Number of Intersection Legs:	4
Major Street Direction:	North-South

Traffic Volume Demand						
	Volume (Veh/hr)				Percent (%)	
	U-Turn 	Left 	Thru 	Right 	Heavy Vehicles	Volume Growth
Eastbound	0	714	130	113	2.00%	3.85%
Westbound	0	35	232	77	2.00%	3.85%
Southbound	0	55	478	1003	2.00%	2.31%
Northbound	0	73	274	19	2.00%	2.31%
Adjustment Factor	0.80	0.95		0.85		
Suggested	0.80	0.95		0.85		
Truck to PCE Factor				Suggested = 2.00	2.00	
FDOT Context Zone			C2-Rural			
Critical Lane Volume Threshold	2-phase signal			Suggested = 1800	1800	
	3-phase signal			Suggested = 1750	1750	
	4-phase signal			Suggested = 1700	1700	

SPICE – Stage 1

**Federal Highway Administration (FHWA)
Safety Performance for Intersection Control Evaluation Tool**

Results

Summary of crash prediction results for each alternative

Project Information

Project Name:	Mickler Road and SR A1A Alternatives	Intersection Type	At-Grade Intersections
Intersection:	Mickler Road and SR A1A	Opening Year	2020
Agency:	St. Johns County Public Works	Design Year	2040
Project Reference:		Facility Type	On Urban and Suburban Arterial
City:	Ponte Vedra Beach	Number of Legs	4-leg
State:	Florida	1-Way/2-Way	2-way Intersecting 2-way
Date:	6/10/2020	# of Major Street Lanes (both directions)	5 or fewer
Analyst:	ETM	Major Street Approach Speed	Less than 55 mph

Crash Prediction Summary

Control Strategy	Crash Type	Opening Year	Design Year	Total Project Life Cycle	Rank	AADT Within Prediction Range?	Source of Prediction
Traffic Signal	Total	9.97	24.62	358.53	2	Yes	Calibrated SPF w/ EB
	Fatal & Injury	3.26	8.47	121.06			
Traffic Signal (Alt)	Total	6.56	16.18	235.67	1	Yes	Calibrated SPF w/ EB
	Fatal & Injury	2.16	5.59	79.96			

Concept Plans



—— GIS PARCEL LINES

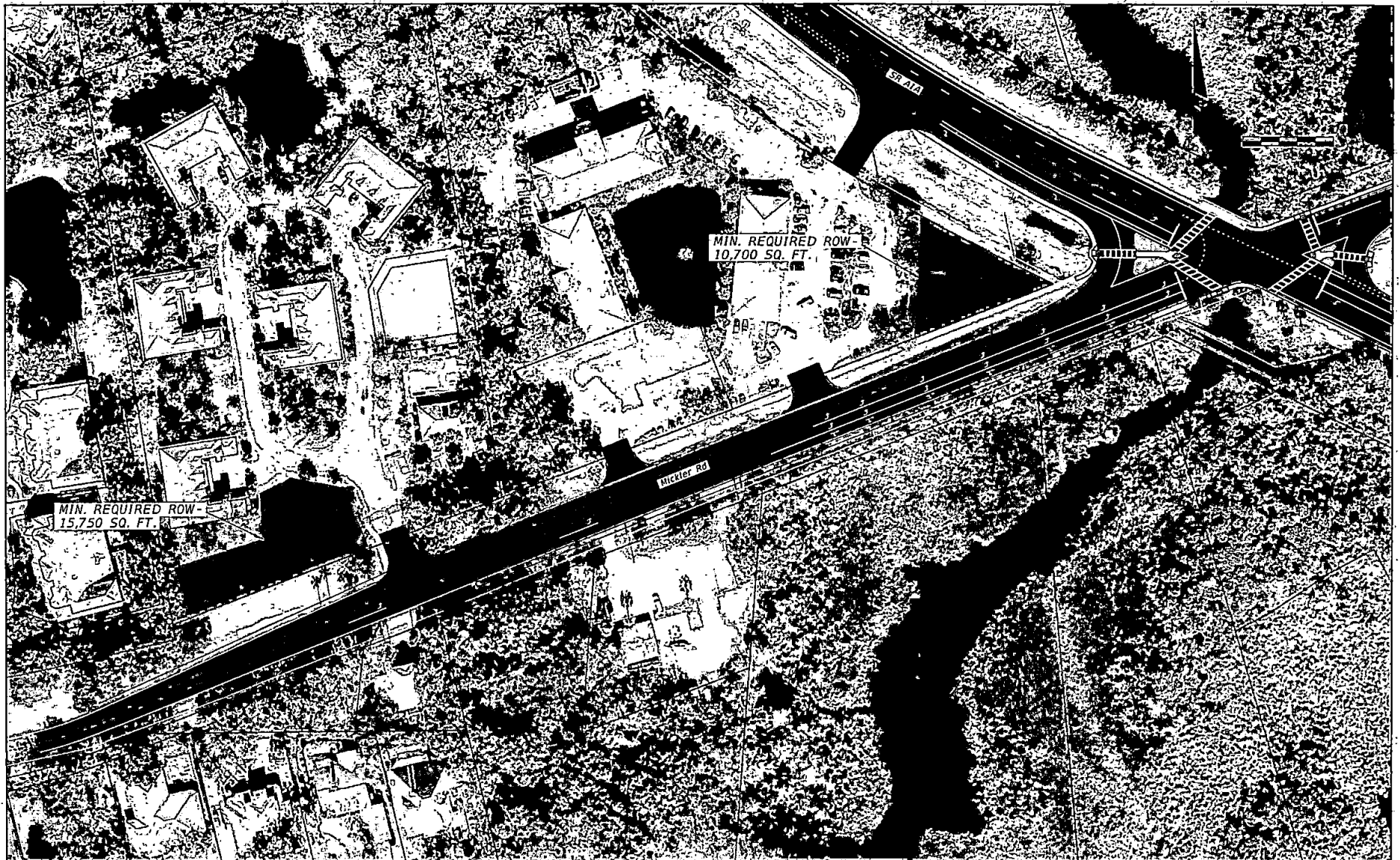
ETM
 ENGINEERING & TRANSPORTATION
 MARK S. MANVELL, P.E. Lic. No. NUMBER 53932



ST. JOHNS COUNTY PUBLIC WORKS
 ENGINEERING DEPARTMENT
 2750 INDUSTRY CENTER ROAD
 ST. AUGUSTINE, FL 32084

**MICKLER RD AND SR A1A
 CONCEPT PLANS**

SHEET
 NO.
 C



— GIS PARCEL LINES

ETM Engineering, Planning & Construction
 14775 Old St. Augustine Road
 Jacksonville, FL 32218
 TEL: (904) 645-8888
 FAX: (904) 644-8442
 CA-000296 LC-008316

MARK S. MANWELL, P.E. Lic. No. 91208A 53930



ST. JOHNS COUNTY PUBLIC WORKS
 ENGINEERING DEPARTMENT
 2750 INDUSTRY CENTER ROAD
 ST. AUGUSTINE, FL 32084

**MICKLER RD AND SR A1A
 CONCEPT PLANS**

SHEET
 NO.
C1



— GIS PARCEL LINES



Employment, Planning & Traffic Inc.
 1417 S. Co. Rd. 1, Augustine, FL 32084
 TEL: (904) 842-2950
 FAX: (904) 842-4400

MARK S. MAXWELL, P.E.

Lic. No. NUMBER 33939



ST. JOHNS COUNTY PUBLIC WORKS
 ENGINEERING DEPARTMENT
 2750 INDUSTRY CENTER ROAD
 ST. AUGUSTINE, FL 32084

**MICKLER RD AND SR A1A
 CONCEPT PLANS**

SHEET NO.

D



— GIS PARCEL LINES

ETM
 ENGINEERING & TRAFFIC MANAGEMENT
 14775 SW 40th St., Suite 100
 Jacksonville, FL 32226
 TEL: (904) 645-2200
 FAX: (904) 645-2200
 CA-00002986 LD-9000316
 MARK S. MANWELL, P.E. Lic. No. NUMBER 53938



ST. JOHNS COUNTY PUBLIC WORKS
 ENGINEERING DEPARTMENT
 2750 INDUSTRY CENTER ROAD
 ST. AUGUSTINE, FL 32084

**MICKLER RD AND SR A1A
 CONCEPT PLANS**

SHEET NO.
.D1

Cost Estimate

SR A1A/Mickler Road Improvements OPINION OF PROBABLE COSTS

SR A1A		QTY	UNIT	UNIT COST	COST
Demolition					
110-1-1	Clearing and Grubbing	0.5	AC	\$9,000	\$4,500
110-4-10	Remove Curb and Gutter	745	SY	\$15	\$11,175
327-70-12	Mill 1.5"	12003	SY	\$3	\$36,009
700-3-202	Remove Signs	8	AS	\$50	\$400
Construction					
	Earthwork	1000	CY	\$10	\$10,000
160-4	Stabilization	2000	SY	\$4	\$8,000
285-709	Base	2000	SY	\$20	\$40,000
334-1-53	Superpave	175	TN	\$110	\$19,250
337-7-85	Friction Course	1150	TN	\$140	\$161,000
400-0-11	Gravity Wall	145	CY	\$765	\$110,925
515-2111	Ped/Bicycle Railing	205	LF	\$110	\$22,550
520-1-10	Curb and Gutter	1200	LF	\$20	\$24,000
522-2	Sidewalk	550	SY	\$40	\$22,000
520-70	Traffic Separator	100	LF	\$50	\$5,000
570-1-2	Sodding	550	SY	\$3	\$1,650
700-1-12	Signs	8	EA	\$400	\$3,200
Micklers Rd					
Demolition					
110-1-1	Clearing and Grubbing	0.75	AC	\$9,000	\$6,750
110-4-10	Remove Concrete	400	SY	\$15	\$6,000
327-70-12	Mill 1.5"	4500	SY	\$3	\$13,500
700-3-202	Remove Signs	8	AS	\$50	\$400
Construction					
160-4	Stabilization	2600	SY	\$4	\$10,400
	Earthwork	1300	CY	\$10	\$13,000
285-710	Base	2600	SY	\$20	\$52,000
334-1-53	Superpave	300	TN	\$110	\$33,000
337-7-85	Friction Course	610	TN	\$140	\$85,400
425-1-451	Curb Inlet	6	EA	\$8,000	\$48,000
425-1-529	Convert DBI to Curb Inlet	1	EA	\$5,000	\$5,000
425-5	Modify Existing Drainage Top	1	EA	\$1,600	\$1,600
430-17-313	Pipe	700	LF	\$120	\$84,000
520-1-10	Curb and Gutter	950	LF	\$20	\$19,000
522-1	Sidewalk	340	SY	\$40	\$13,600
522-2	Concrete 6" (Islands)	145	SY	\$65	\$9,425
570-1-2	Sodding	2400	SY	\$3	\$7,200
700-1-12	Signs	8	EA	\$400	\$3,200
Ponte Vedra Blvd					
Demolition					
110-1-1	Clearing and Grubbing	0.5	AC	\$9,000	\$4,500
110-4-10	Remove Concrete	100	SY	\$15	\$1,500
327-70-12	Mill 1.5"	1300	SY	\$3	\$3,900
700-3-202	Remove Signs	1	AS	\$50	\$50
Construction					
160-4	Stabilization	350	SY	\$4	\$1,400
	Earthwork	175	CY	\$10	\$1,750
285-710	Base	350	SY	\$20	\$7,000
334-1-53	Superpave	50	TN	\$110	\$5,500
337-7-85	Friction Course	130	TN	\$140	\$18,200
520-1-10	Curb and Gutter	120	LF	\$20	\$2,400
522-1	Sidewalk	100	SY	\$40	\$4,000
522-2	Concrete 6" (Islands)	50	SY	\$65	\$3,250

General

Signalization

1	LS	\$200,000	\$200,000
			\$1,144,584
10%			\$114,458
10%			\$114,458
2%			\$22,892
2%			\$22,892
			\$100,000
			\$1,519,284
5%			\$75,964

Pay Item Subtotal

Mobilization
 Temporary Traffic Control Plan
 Sediment and Erosion Control
 Signing and Marking
 Unknown Utility Conflicts (Contingency)

102-1

Subtotal

Cost Escalation Factor

Total Opinion of Probable Construction Cost (without contingency) \$1,595,248

Contingency (15%)	\$239,287
Surveying	\$90,000
Engineering Design	\$479,000
Environmental Permitting	\$112,000
Geotechnical Exploration/Testing	\$25,000
Traffic Signal Mast Arm Structural Design	\$10,000
Permit Fees (Budget)	\$20,000
Post Design Services	\$40,000

Total Opinion of Probable Project Cost \$2,610,536

Important Notes:

Assumes underground utilities within limits of will remain.
 This Opinion of Cost is based upon a preliminary site plan with no survey.
 Unit costs are generally derived from FDOT 12 Mo. Moving Averages (6/18 to 6/19), Area 5
 Includes only improvements within Public Rights of Way.

**SR A1A/Mickler Road Improvements QUADRANT
OPINION OF PROBABLE COSTS**

SR A1A		QTY	UNIT	UNIT COST	COST
Demolition					
110-1-1	Clearing and Grubbing	0.5	AC	\$9,000	\$4,500
110-4-10	Remove Curb and Gutter	745	SY	\$15	\$11,175
327-70-12	Mill 1.5"	12003	SY	\$3	\$36,009
700-3-202	Remove Signs	8	AS	\$50	\$400
Construction					
160-4	Earthwork	1000	CY	\$10	\$10,000
285-709	Stabilization	2000	SY	\$4	\$8,000
334-1-53	Base	2000	SY	\$20	\$40,000
337-7-85	Superpave	175	TN	\$110	\$19,250
400-0-11	Friction Course	1150	TN	\$140	\$161,000
515-2111	Gravity Wall	145	CY	\$765	\$110,925
520-1-10	Ped/Bicycle Railing	205	LF	\$110	\$22,550
522-2	Curb and Gutter	1200	LF	\$20	\$24,000
520-70	Sidewalk	550	SY	\$40	\$22,000
570-1-2	Traffic Separator	100	LF	\$50	\$5,000
700-1-12	Sodding	550	SY	\$3	\$1,650
	Signs	8	EA	\$400	\$3,200
Micklers Rd					
Demolition					
110-1-1	Clearing and Grubbing	0.75	AC	\$9,000	\$6,750
110-4-10	Remove Concrete	400	SY	\$15	\$6,000
327-70-12	Mill 1.5"	4500	SY	\$3	\$13,500
700-3-202	Remove Signs	8	AS	\$50	\$400
Construction					
160-4	Stabilization	2600	SY	\$4	\$10,400
285-710	Earthwork	1300	CY	\$10	\$13,000
334-1-53	Base	2600	SY	\$20	\$52,000
337-7-85	Superpave	300	TN	\$110	\$33,000
425-1-451	Friction Course	610	TN	\$140	\$85,400
425-1-529	Curb Inlet	6	EA	\$8,000	\$48,000
430-17-313	Convert DBI to Curb Inlet	1	EA	\$5,000	\$5,000
520-1-10	Modify Existing Drainage Top	1	EA	\$1,600	\$1,600
522-1	Pipe	700	LF	\$120	\$84,000
522-2	Curb and Gutter	950	LF	\$20	\$19,000
570-1-2	Sidewalk	340	SY	\$40	\$13,600
700-1-12	Concrete 6" (Islands)	145	SY	\$65	\$9,425
	Sodding	2400	SY	\$3	\$7,200
	Signs	8	EA	\$400	\$3,200
Ponte Vedra Blvd					
Demolition					
110-1-1	Clearing and Grubbing	0.5	AC	\$9,000	\$4,500
110-4-10	Remove Concrete	100	SY	\$15	\$1,500
327-70-12	Mill 1.5"	1300	SY	\$3	\$3,900
700-3-202	Remove Signs	1	AS	\$50	\$50
Construction					
160-4	Stabilization	350	SY	\$4	\$1,400
285-710	Earthwork	175	CY	\$10	\$1,750
334-1-53	Base	350	SY	\$20	\$7,000
337-7-85	Superpave	50	TN	\$110	\$5,500
520-1-10	Friction Course	130	TN	\$140	\$18,200
522-1	Curb and Gutter	120	LF	\$20	\$2,400
522-2	Sidewalk	100	SY	\$40	\$4,000
	Concrete 6" (Islands)	50	SY	\$65	\$3,250

General					
	Signalization	3	LS	\$150,000	\$450,000
Pay Item Subtotal					\$1,394,584
	Mobilization	10%			\$139,458
102-1	Temporary Traffic Control Plan	10%			\$139,458
	Sediment and Erosion Control	2%			\$27,892
	Signing and Marking	2%			\$27,892
	Unknown Utility Conflicts (Contingency)				\$100,000
Subtotal					\$1,829,284
	Cost Escalation Factor	5%			\$91,464

Total Opinion of Probable Construction Cost (without contingency)	\$1,920,748
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Contingency (15%)	\$288,112
Surveying	\$90,000
Engineering Design	\$577,000
Environmental Permitting	\$135,000
Geotechnical Exploration/Testing	\$25,000
Traffic Signal Mast Arm Structural Design	\$10,000
Permit Fees (Budget)	\$20,000
Post Design Services	\$50,000

Total Opinion of Probable Project Cost	\$3,115,861
---	--------------------

Important Notes:

Assumes underground utilities within limits of will remain.

This Opinion of Cost is based upon a preliminary site plan with no survey.

Unit costs are generally derived from FDOT 12 Mo. Moving Averages (6/18 to 6/19), Area 5

Includes only improvements within Public Rights of Way.

Turning Movement Counts

File Name : 6-SR A1A and Ponte Vedra Blvd_Mickler Rd AM
 Site Code :
 Start Date : 8/27/2019
 Page No : 1

Groups Printed - Car

Start Time	A1A Southbound			Ponte Vedra Blvd. Westbound			A1A Northbound			Mickler Rd. Eastbound		
	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left
06:30 AM	22	21	9	1	4	1	1	4	1	4	1	0
06:45 AM	22	34	7	0	63	1	6	16	61	1	1	0
Total	44	55	16	1	116	2	10	7	103	1	1	0
07:00 AM	42	38	5	2	87	4	5	13	89	1	1	0
07:15 AM	49	36	6	5	97	14	11	12	114	0	0	0
07:30 AM	58	47	15	3	123	13	10	18	139	1	1	0
07:45 AM	61	29	7	1	98	9	10	10	125	1	1	0
Total	210	150	33	12	405	31	40	281	568	3	3	0
08:00 AM	83	29	5	2	119	7	13	11	131	0	0	0
08:15 AM	105	32	6	1	144	10	20	10	147	0	0	0
08:30 AM	113	47	9	2	171	11	23	4	102	0	0	0
08:45 AM	97	33	8	2	140	7	19	6	107	0	0	0
Total	398	141	28	7	574	35	75	20	312	1	1	0
09:00 AM	42	39	13	1	95	9	14	6	78	0	0	0
09:15 AM	42	44	13	3	102	10	13	2	61	0	0	0
Grand Total	736	429	103	24	1292	87	152	38	828	2	2	0
Approch %	57	33.2	8	1.9	32.6	56.9	9.4	1.1	4.6	0.2	0.2	0.1
Total %	18.4	10.7	2.6	0.6	32.3	2.2	3.8	0.6	2.6	0.1	0.1	0.1

Peak Hour Analysis From 06:30 AM to 09:15 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 08:00 AM

Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
08:00 AM	83	29	5	117	7	13	4	24	24	7	11	80	159
08:15 AM	105	32	6	143	10	20	1	31	31	3	7	78	181
08:30 AM	113	47	9	169	11	23	4	38	29	6	9	71	128
08:45 AM	97	33	8	138	7	19	3	29	29	6	10	82	149
Total Volume	398	141	28	567	35	75	12	122	122	20	251	311	617
% App. Total	70.2	24.9	4.9	28.7	61.5	9.8	1.5	80.7	80.7	12.9	14.9	6.2	78.9
PHF	.881	.750	.778	.839	.795	.815	.750	.803	.803	.714	.951	.948	.934

Peggy Malone & Associates, Inc.
(888) 247-8602

File Name : 6-SR A1A and Ponte Vedra Blvd_Mickler Rd AM
Site Code :
Start Date : 8/27/2019
Page No : 1

Groups Printed- Truck

Start Time	A1A Southbound					Ponte Vedra Blvd. Westbound					A1A Northbound					Mickler Rd. Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	2
06:45 AM	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	2	0	2	4
Total	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	3	0	4	6
07:00 AM	1	1	0	0	2	0	0	0	0	0	0	1	1	0	2	1	1	3	0	5	9
07:15 AM	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	1	1	2	0	4	8
07:30 AM	3	2	1	0	6	0	1	0	0	1	0	0	1	0	1	0	0	1	0	1	9
07:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	4	0	6	7
Total	4	8	1	0	13	0	1	0	0	1	0	1	2	0	3	3	3	10	0	16	33
08:00 AM	1	1	0	0	2	1	0	0	0	1	0	3	1	0	4	0	1	3	0	4	11
08:15 AM	3	0	0	0	3	0	1	0	0	1	0	2	0	0	2	1	1	2	0	4	10
08:30 AM	0	3	1	0	4	0	0	0	0	0	0	1	0	0	1	0	1	5	0	6	11
08:45 AM	8	1	0	0	9	0	3	1	0	4	0	2	1	0	3	0	0	2	0	2	18
Total	12	5	1	0	18	1	4	1	0	6	0	8	2	0	10	1	3	12	0	16	50
09:00 AM	3	1	0	0	4	0	0	0	0	0	0	2	0	0	2	1	1	6	0	8	14
09:15 AM	0	1	0	0	1	0	1	0	0	1	0	1	1	0	2	1	0	0	0	1	5
Grand Total	20	15	2	0	37	1	6	1	0	8	0	13	5	0	18	7	7	31	0	45	108
Approch %	54.1	40.5	5.4	0		12.5	75	12.5	0		0	72.2	27.8	0		15.6	15.6	68.9	0		
Total %	18.5	13.9	1.9	0	34.3	0.9	5.6	0.9	0	7.4	0	12	4.6	0	16.7	6.5	6.5	28.7	0	41.7	

Start Time	A1A Southbound				Ponte Vedra Blvd. Westbound				A1A Northbound				Mickler Rd. Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:30 AM to 09:15 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:15 AM																	
08:15 AM	3	0	0	3	0	1	0	1	0	2	0	2	1	1	2	4	10
08:30 AM	0	3	1	4	0	0	0	0	0	1	1	1	0	1	5	6	11
08:45 AM	8	1	0	9	0	3	1	4	0	2	1	3	0	0	2	2	18
09:00 AM	3	1	0	4	0	0	0	0	0	2	0	2	1	1	6	8	14
Total Volume	14	5	1	20	0	4	1	5	0	7	1	8	2	3	15	20	53
% App. Total	70	25	5		0	80	20		0	87.5	12.5		10	15	75		
PHF	.438	.417	.250	.556	.000	.333	.250	.313	.000	.875	.250	.667	.500	.750	.625	.625	.736

Peggy Malone & Associates, Inc.
(888) 247-8602

File Name : 6-SR A1A and Ponte Vedra Blvd_Mickler Rd AM
Site Code :
Start Date : 8/27/2019
Page No : 1

Groups Printed- Combined

Start Time	A1A Southbound					Ponte Vedra Blvd. Westbound					A1A Northbound					Mickler Rd. Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:30 AM	22	21	9	1	53	1	4	1	0	6	1	36	4	0	41	5	19	43	0	67	167
06:45 AM	23	34	7	0	64	1	6	1	0	8	3	40	13	0	56	3	16	63	1	83	211
Total	45	55	16	1	117	2	10	2	0	14	4	76	17	0	97	8	35	106	1	150	378
07:00 AM	43	39	5	2	89	4	5	0	0	9	2	50	14	0	66	14	18	92	1	125	289
07:15 AM	49	40	6	6	101	5	14	1	0	20	1	58	12	1	72	7	8	116	0	131	324
07:30 AM	61	49	16	3	129	13	12	0	0	25	2	56	16	0	74	8	18	140	1	167	395
07:45 AM	61	30	7	1	99	9	10	2	1	22	1	56	15	0	72	11	20	129	1	161	354
Total	214	158	34	12	418	31	41	3	1	76	6	220	57	1	284	40	64	477	3	584	1362
08:00 AM	84	30	5	2	121	8	13	4	1	26	7	65	12	0	84	6	23	134	0	163	394
08:15 AM	108	32	6	1	147	10	21	1	0	32	3	67	10	1	81	8	28	149	0	185	445
08:30 AM	113	50	10	2	175	11	23	4	1	39	4	59	9	0	72	7	20	107	0	134	420
08:45 AM	105	34	8	2	149	7	22	4	0	33	6	68	11	0	85	18	24	109	0	151	418
Total	410	146	29	7	592	36	79	13	2	130	20	259	42	1	322	39	95	499	0	633	1677
09:00 AM	45	40	13	1	99	9	14	5	0	28	6	61	13	0	80	10	38	99	0	147	354
09:15 AM	42	45	13	3	103	10	14	3	0	27	2	49	12	0	63	12	36	94	0	142	335
Grand Total	756	444	105	24	1329	88	158	26	3	275	38	665	141	2	846	109	268	1275	4	1656	4106
Apprch %	56.9	33.4	7.9	1.8		32	57.5	9.5	1.1		4.5	78.6	16.7	0.2		6.6	16.2	77	0.2		
Total %	18.4	10.8	2.6	0.6	32.4	2.1	3.8	0.6	0.1	6.7	0.9	16.2	3.4	0	20.6	2.7	6.5	31.1	0.1	40.3	

Start Time	A1A Southbound				Ponte Vedra Blvd. Westbound				A1A Northbound				Mickler Rd. Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
08:00 AM	84	30	5	119	8	13	4	25	7	65	12	84	6	23	134	163	391
08:15 AM	108	32	6	146	10	21	1	32	3	67	10	80	8	28	149	185	443
08:30 AM	113	50	10	173	11	23	4	38	4	59	9	72	7	20	107	134	417
08:45 AM	105	34	8	147	7	22	4	33	6	68	11	85	18	24	109	151	416
Total Volume	410	146	29	585	36	79	13	128	20	259	42	321	39	95	499	633	1667
% App. Total	70.1	25	5		28.1	61.7	10.2		6.2	80.7	13.1		6.2	15	78.8		
PHF	.907	.730	.725	.845	.818	.859	.813	.842	.714	.952	.875	.944	.542	.848	.837	.855	.941

Peak Hour Analysis From 06:30 AM to 09:15 AM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 08:00 AM

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : 6-SR A1A and Ponte Vedra Blvd_Mickler Rd PM

Site Code :

Start Date : 8/27/2019

Page No : 1

Groups Printed- Car

Start Time	A1A Southbound					Ponte Vedra Blvd. Westbound					A1A Northbound					Mickler Rd. Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
01:30 PM	59	36	9	1	105	4	15	8	0	27	2	39	12	0	53	11	9	69	0	89	274
01:45 PM	64	44	7	1	116	8	22	2	0	32	4	49	12	0	65	16	9	39	0	64	277
Total	123	80	16	2	221	12	37	10	0	59	6	88	24	0	118	27	18	108	0	153	551
02:00 PM	55	45	10	0	110	11	22	2	0	35	5	27	7	0	39	5	19	51	1	76	260
02:15 PM	64	51	6	1	122	7	23	1	0	31	3	39	10	0	52	11	17	66	1	95	300
02:30 PM	76	53	6	0	135	14	23	5	0	42	3	48	10	0	61	10	5	44	0	59	297
02:45 PM	111	40	6	1	158	11	24	7	0	42	5	28	15	0	48	10	12	58	0	80	328
Total	306	189	28	2	525	43	92	15	0	150	16	142	42	0	200	36	53	219	2	310	1185
03:00 PM	116	47	6	0	169	7	16	2	0	25	4	38	8	0	50	15	13	82	0	110	354
03:15 PM	107	57	8	1	173	14	19	2	0	35	1	48	15	0	64	17	15	84	0	116	388
03:30 PM	85	50	4	0	139	4	24	3	0	31	4	46	11	0	61	12	17	72	0	101	332
03:45 PM	78	54	7	0	139	4	18	6	0	28	2	47	8	0	57	16	15	78	0	109	333
Total	386	208	25	1	620	29	77	13	0	119	11	179	42	0	232	60	60	316	0	436	1407
04:00 PM	103	47	4	0	154	9	18	5	0	32	2	43	8	0	53	11	14	105	0	130	369
04:15 PM	117	60	8	1	186	6	15	6	0	27	1	40	11	0	52	11	8	123	0	142	407
04:30 PM	126	64	9	0	199	6	24	5	0	35	7	46	13	0	66	16	15	78	0	109	409
04:45 PM	146	57	12	0	215	10	16	4	0	30	2	45	13	0	60	16	19	58	0	93	398
Total	492	228	33	1	754	31	73	20	0	124	12	174	45	0	231	54	56	364	0	474	1583
05:00 PM	171	84	8	0	263	7	19	3	0	29	1	40	9	0	50	9	18	85	0	112	454
05:15 PM	148	74	7	1	230	8	25	3	0	36	4	52	15	0	71	18	15	86	0	119	456
05:30 PM	170	71	5	0	246	9	22	5	0	36	2	35	11	0	48	13	17	59	0	89	419
05:45 PM	124	63	13	3	203	11	38	5	0	54	5	41	9	0	55	11	9	90	0	110	422
Total	613	292	33	4	942	35	104	16	0	155	12	168	44	0	224	51	59	320	0	430	1751
06:00 PM	109	59	4	0	172	5	14	6	0	25	2	37	9	0	48	13	8	80	0	101	346
06:15 PM	78	60	1	0	139	6	11	3	0	20	2	39	14	0	55	9	9	80	0	98	312
Grand Total	2107	1116	140	10	3373	161	408	83	0	652	61	827	220	0	1108	250	263	1487	2	2002	7135
Apprch %	62.5	33.1	4.2	0.3		24.7	62.6	12.7	0		5.5	74.6	19.9	0		12.5	13.1	74.3	0.1		
Total %	29.5	15.6	2	0.1	47.3	2.3	5.7	1.2	0	9.1	0.9	11.6	3.1	0	15.5	3.5	3.7	20.8	0	28.1	

Start Time	A1A Southbound				Ponte Vedra Blvd. Westbound				A1A Northbound				Mickler Rd. Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
05:00 PM	171	84	8	263	7	19	3	29	1	40	9	50	9	18	85	112	454
05:15 PM	148	74	7	229	8	25	3	36	4	52	15	71	18	15	86	119	455
05:30 PM	170	71	5	246	9	22	5	36	2	35	11	48	13	17	59	89	419
05:45 PM	124	63	13	200	11	38	5	54	5	41	9	55	11	9	90	110	419
Total Volume	613	292	33	938	35	104	16	155	12	168	44	224	51	59	320	430	1747
% App. Total	65.4	31.1	3.5		22.6	67.1	10.3		5.4	75	19.6		11.9	13.7	74.4		
PHF	.896	.869	.635	.892	.795	.684	.800	.718	.600	.808	.733	.789	.708	.819	.889	.903	.960

Peak Hour Analysis From 01:30 PM to 06:15 PM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 05:00 PM

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : 6-SR A1A and Ponte Vedra Blvd_Mickler Rd PM

Site Code :

Start Date : 8/27/2019

Page No : 1

Groups Printed- Truck

Start Time	A1A Southbound					Ponte Vedra Blvd. Westbound					A1A Northbound					Mickler Rd. Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
01:30 PM	1	0	0	0	1	0	1	0	0	1	1	2	0	0	3	1	1	1	0	3	8
01:45 PM	3	4	0	0	7	0	0	0	0	0	1	1	3	0	5	1	0	0	0	1	13
Total	4	4	0	0	8	0	1	0	0	1	2	3	3	0	8	2	1	1	0	4	21
02:00 PM	1	0	0	0	1	0	1	0	0	1	0	1	1	0	2	1	0	2	0	3	7
02:15 PM	0	2	0	0	2	1	0	0	0	1	0	1	0	0	1	0	1	1	0	2	6
02:30 PM	0	2	0	0	2	1	1	1	0	3	0	0	1	0	1	2	3	1	0	6	12
02:45 PM	4	1	0	0	5	0	0	0	0	0	0	2	0	0	2	0	1	1	0	2	9
Total	5	5	0	0	10	2	2	1	0	5	0	4	2	0	6	3	5	5	0	13	34
03:00 PM	2	0	0	0	2	0	0	0	0	0	0	0	1	0	1	0	0	4	0	4	7
03:15 PM	4	0	0	0	4	0	1	1	0	2	0	0	1	0	1	2	0	1	0	3	10
03:30 PM	5	1	0	0	6	1	0	0	0	1	0	0	1	0	1	0	1	2	0	3	11
03:45 PM	5	0	0	0	5	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	7
Total	16	1	0	0	17	1	1	1	0	3	0	0	4	0	4	2	1	8	0	11	35
04:00 PM	3	0	0	0	3	0	0	0	0	0	0	0	2	0	2	1	0	2	0	3	8
04:15 PM	3	1	0	0	4	0	0	0	0	0	1	0	0	0	1	1	2	4	0	7	12
04:30 PM	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
04:45 PM	4	2	0	0	6	0	1	0	0	1	0	0	1	0	1	1	0	0	0	1	9
Total	11	3	0	0	14	0	1	0	0	1	1	0	4	0	5	3	2	6	0	11	31
05:00 PM	2	1	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	5
05:15 PM	0	1	1	0	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	3
05:30 PM	3	1	0	0	4	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	6
05:45 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Total	6	3	1	0	10	0	1	0	0	1	0	1	1	0	2	0	0	3	0	3	16
06:00 PM	1	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	3
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
Grand Total	43	17	1	0	61	3	7	2	0	12	3	9	14	0	26	11	9	23	0	43	142
Apprch %	70.5	27.9	1.6	0		25	58.3	16.7	0		11.5	34.6	53.8	0		25.6	20.9	53.5	0		
Total %	30.3	12	0.7	0	43	2.1	4.9	1.4	0	8.5	2.1	6.3	9.9	0	18.3	7.7	6.3	16.2	0	30.3	

Start Time	A1A Southbound				Ponte Vedra Blvd. Westbound				A1A Northbound				Mickler Rd. Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
01:45 PM	3	4	0	7	0	0	0	0	1	1	3	5	1	0	0	1	13
02:00 PM	1	0	0	1	0	1	0	1	0	1	1	2	1	0	2	3	7
02:15 PM	0	2	0	2	1	0	0	1	0	1	0	1	0	1	1	2	6
02:30 PM	0	2	0	2	1	1	1	3	0	0	1	1	2	3	1	6	12
Total Volume	4	8	0	12	2	2	1	5	1	3	5	9	4	4	4	12	38
% App. Total	33.3	66.7	0		40	40	20		11.1	33.3	55.6		33.3	33.3	33.3		
PHF	.333	.500	.000	.429	.500	.500	.250	.417	.250	.750	.417	.450	.500	.333	.500	.500	.731

Peggy Malone & Associates, Inc.

(888) 247-8602

File Name : 6-SR A1A and Ponte Vedra Blvd_Mickler Rd PM

Site Code :

Start Date : 8/27/2019

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Groups Printed- Combined

Start Time	A1A Southbound					Ponte Vedra Blvd. Westbound					A1A Northbound					Mickler Rd. Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
01:30 PM	60	36	9	1	106	4	16	8	0	28	3	41	12	0	56	12	10	70	0	92	282
01:45 PM	67	48	7	1	123	8	22	2	0	32	5	50	15	0	70	17	9	39	0	65	290
Total	127	84	16	2	229	12	38	10	0	60	8	91	27	0	126	29	19	109	0	157	572
02:00 PM	56	45	10	0	111	11	23	2	0	36	5	28	8	0	41	6	19	53	1	79	267
02:15 PM	64	53	6	1	124	8	23	1	0	32	3	40	10	0	53	11	18	67	1	97	306
02:30 PM	76	55	6	0	137	15	24	6	0	45	3	48	11	0	62	12	8	45	0	65	309
02:45 PM	115	41	6	1	163	11	24	7	0	42	5	30	15	0	50	10	13	59	0	82	337
Total	311	194	28	2	535	45	94	16	0	155	16	146	44	0	206	39	58	224	2	323	1219
03:00 PM	118	47	6	0	171	7	16	2	0	25	4	38	9	0	51	15	13	86	0	114	361
03:15 PM	111	57	8	1	177	14	20	3	0	37	1	48	16	0	65	19	15	85	0	119	398
03:30 PM	90	51	4	0	145	5	24	3	0	32	4	46	12	0	62	12	18	74	0	104	343
03:45 PM	83	54	7	0	144	4	18	6	0	28	2	47	9	0	58	16	15	79	0	110	340
Total	402	209	25	1	637	30	78	14	0	122	11	179	46	0	236	62	61	324	0	447	1442
04:00 PM	106	47	4	0	157	9	18	5	0	32	2	43	10	0	55	12	14	107	0	133	377
04:15 PM	120	61	8	1	190	6	15	6	0	27	2	40	11	0	53	12	10	127	0	149	419
04:30 PM	127	64	9	0	200	6	24	5	0	35	7	46	14	0	67	16	15	78	0	109	411
04:45 PM	150	59	12	0	221	10	17	4	0	31	2	45	14	0	61	17	19	58	0	94	407
Total	503	231	33	1	768	31	74	20	0	125	13	174	49	0	236	57	58	370	0	485	1614
05:00 PM	173	85	8	0	266	7	19	3	0	29	1	41	9	0	51	9	18	86	0	113	459
05:15 PM	148	75	8	1	232	8	25	3	0	36	4	52	16	0	72	18	15	86	0	119	459
05:30 PM	173	72	5	0	250	9	23	5	0	37	2	35	11	0	48	13	17	60	0	90	425
05:45 PM	125	63	13	3	204	11	38	5	0	54	5	41	9	0	55	11	9	91	0	111	424
Total	619	295	34	4	952	35	105	16	0	156	12	169	45	0	226	51	59	323	0	433	1767
06:00 PM	110	59	4	0	173	5	15	6	0	26	2	38	9	0	49	13	8	80	0	101	349
06:15 PM	78	61	1	0	140	6	11	3	0	20	2	39	14	0	55	10	9	80	0	99	314
Grand Total	2150	1133	141	10	3434	164	415	85	0	664	64	836	234	0	1134	261	272	1510	2	2045	7277
Apprch %	62.6	33	4.1	0.3		24.7	62.5	12.8	0		5.6	73.7	20.6	0		12.8	13.3	73.8	0.1		
Total %	29.5	15.6	1.9	0.1	47.2	2.3	5.7	1.2	0	9.1	0.9	11.5	3.2	0	15.6	3.6	3.7	20.8	0	28.1	

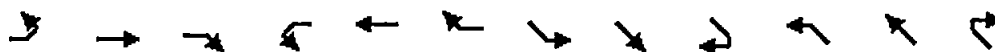
Start Time	A1A Southbound				Ponte Vedra Blvd. Westbound				A1A Northbound				Mickler Rd. Eastbound				Int. Total
	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	
05:00 PM	173	85	8	266	7	19	3	29	1	41	9	51	9	18	86	113	459
05:15 PM	148	75	8	231	8	25	3	36	4	52	16	72	18	15	86	119	458
05:30 PM	173	72	5	250	9	23	5	37	2	35	11	48	13	17	60	90	425
05:45 PM	125	63	13	201	11	38	5	54	5	41	9	55	11	9	91	111	421
Total Volume	619	295	34	948	35	105	16	156	12	169	45	226	51	59	323	433	1763
% App. Total	65.3	31.1	3.6		22.4	67.3	10.3		5.3	74.8	19.9		11.8	13.6	74.6		
PHF	.895	.868	.654	.891	.795	.691	.800	.722	.600	.813	.703	.785	.708	.819	.887	.910	.960

Peak Hour Analysis From 01:30 PM to 06:15 PM - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 05:00 PM

Synchro Existing Configuration Results

Lanes, Volumes, Timings
6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations	↕		↕		↕		↗	↖	↗	↖	↗	↖
Traffic Volume (vph)	1103	210	86	29	175	80	47	237	664	68	420	32
Future Volume (vph)	1103	210	86	29	175	80	47	237	664	68	420	32
Satd. Flow (prot)	0	1778	0	0	1783	0	1770	1863	1583	1770	1842	0
Flt Permitted	0.962		0.995		0.124		0.455					
Satd. Flow (perm)	0	1778	0	0	1783	0	231	1863	1583	848	1842	0
Satd. Flow (RTOR)	2		12		722		3					
Lane Group Flow (vph)	0	1520	0	0	309	0	51	258	722	74	492	0
Turn Type	Split	NA	Split	NA	pm+pt	NA	Perm	pm+pt	NA			
Protected Phases	4	4	8	8	1	6	5	2				
Permitted Phases	6		6		2							
Detector Phase	4	4	8	8	1	6	6	5	2			
Switch Phase												
Minimum Initial (s)	6.0	6.0	6.0	6.0	4.0	18.0	18.0	4.0	18.0			
Minimum Split (s)	23.0	23.0	11.8	11.8	10.8	27.8	27.8	10.8	24.8			
Total Split (s)	45.0	45.0	27.8	27.8	15.0	50.0	50.0	15.0	50.0			
Total Split (%)	32.7%	32.7%	20.2%	20.2%	10.9%	36.3%	36.3%	10.9%	36.3%			
Maximum Green (s)	39.0	39.0	22.0	22.0	8.2	43.2	43.2	8.2	43.2			
Yellow Time (s)	4.0	4.0	3.7	3.7	4.8	4.8	4.8	4.8	4.8			
All-Red Time (s)	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0			
Lost Time Adjust (s)	0.0		0.0		0.0		0.0		0.0			
Total Lost Time (s)	6.0		5.8		6.8		6.8		6.8			
Lead/Lag					Lead	Lag	Lag	Lead	Lag			
Lead-Lag Optimize?					Yes	Yes	Yes	Yes	Yes			
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
Recall Mode	None	None	None	None	None	Min	Min	None	Min			
Walk Time (s)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0			
Flash Dont Walk (s)	16.0	16.0	15.0	15.0	14.0	14.0	11.0					
Pedestrian Calls (#/hr)	0	0	0	0	0	0	0					
Act Effct Green (s)	39.4		22.2		43.4	37.4	37.4	43.9	37.7			
Actuated g/C Ratio	0.30		0.17		0.34	0.29	0.29	0.34	0.29			
v/c Ratio	2.80		0.98		0.31	0.48	0.74	0.22	0.91			
Control Delay	834.7		97.6		29.3	41.4	7.9	26.4	66.8			
Queue Delay	0.0		0.0		0.0	0.0	0.0	0.0	0.0			
Total Delay	834.7		97.6		29.3	41.4	7.9	26.4	66.8			
LOS	F		F		C	D	A	C	E			
Approach Delay	834.7		97.6		17.3		61.5					
Approach LOS	F		F		B		E					
Queue Length 50th (ft)	~2349		~285		27	184	0	39	409			
Queue Length 95th (ft)	#2653		#484		54	269	110	72	#594			
Internal Link Dist (ft)	743		623		736		491					
Turn Bay Length (ft)					500	550	500					
Base Capacity (vph)	543		316		176	629	1012	347	624			
Starvation Cap Reductn	0		0		0	0	0	0	0			
Spillback Cap Reductn	0		0		0	0	0	0	0			
Storage Cap Reductn	0		0		0	0	0	0	0			
Reduced v/c Ratio	2.80		0.98		0.29	0.41	0.71	0.21	0.79			

Intersection Summary

Lanes, Volumes, Timings

6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020

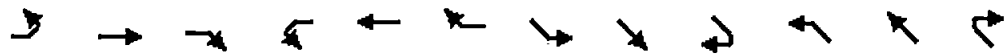
Cycle Length: 137.8	
Actuated Cycle Length: 129.3	
Natural Cycle: 150	
Control Type: Semi Act-Uncoord	
Maximum v/c Ratio: 2.80	
Intersection Signal Delay: 394.5	Intersection LOS: F
Intersection Capacity Utilization 141.6%	ICU Level of Service H
Analysis Period (min) 15	
~ Volume exceeds capacity, queue is theoretically infinite.	
Queue shown is maximum after two cycles.	
# 95th percentile volume exceeds capacity, queue may be longer.	
Queue shown is maximum after two cycles.	

Splits and Phases: 6: Mickler Road/Ponte Vedra Blvd & SR A1A

Ø1	Ø2	Ø4	Ø8
15s	50s	45s	27.5s
Ø5	Ø6		
15s	50s		

Lanes, Volumes, Timings
6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations	↕			↕			↗	↖	↗	↖	↗	↖
Traffic Volume (vph)	714	130	113	35	232	77	55	478	1003	73	274	19
Future Volume (vph)	714	130	113	35	232	77	55	478	1003	73	274	19
Satd. Flow (prot)	0	1767	0	0	1798	0	1770	1863	1583	1770	1844	0
Flt Permitted		0.964			0.995		0.331			0.190		
Satd. Flow (perm)	0	1767	0	0	1798	0	617	1863	1583	354	1844	0
Satd. Flow (RTOR)		7			14				657		3	
Lane Group Flow (vph)	0	1040	0	0	374	0	60	520	1090	79	319	0
Turn Type	Split	NA		Split	NA		pm+pt	NA	Perm	pm+pt	NA	
Protected Phases	4	4		8	8		1	6		5	2	
Permitted Phases							6		6	2		
Detector Phase	4	4		8	8		1	6	6	5	2	
Switch Phase												
Minimum Initial (s)	6.0	6.0		6.0	6.0		4.0	18.0	18.0	4.0	18.0	
Minimum Split (s)	12.0	12.0		11.8	11.8		10.8	24.8	24.8	10.8	24.8	
Total Split (s)	29.0	29.0		27.8	27.8		10.8	27.8	27.8	10.8	24.8	
Total Split (%)	30.4%	30.4%		29.1%	29.1%		11.3%	29.1%	29.1%	11.3%	26.0%	
Maximum Green (s)	23.0	23.0		22.0	22.0		4.0	21.0	21.0	4.0	18.0	
Yellow Time (s)	4.0	4.0		3.7	3.7		4.8	4.8	4.8	4.8	4.8	
All-Red Time (s)	2.0	2.0		2.1	2.1		2.0	2.0	2.0	2.0	2.0	
Lost Time Adjust (s)		0.0			0.0		0.0	0.0	0.0	0.0	0.0	
Total Lost Time (s)		6.0			5.8		6.8	6.8	6.8	6.8	6.8	
Lead/Lag							Lead	Lag	Lag	Lead	Lag	
Lead-Lag Optimize?							Yes	Yes	Yes	Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	None		None	None		None	Min	Min	None	Min	
Act Effct Green (s)		23.1			20.8		24.2	21.1	21.1	24.2	21.1	
Actuated g/C Ratio		0.25			0.23		0.26	0.23	0.23	0.26	0.23	
v/c Ratio		2.32			0.90		0.28	1.22	1.25	0.51	0.75	
Control Delay		620.7			59.8		26.3	151.5	139.5	36.0	46.5	
Queue Delay		0.0			0.0		0.0	0.0	0.0	0.0	0.0	
Total Delay		620.7			59.8		26.3	151.5	139.5	36.0	46.5	
LOS		F			E		C	F	F	D	D	
Approach Delay		620.7			59.8			139.2			44.4	
Approach LOS		F			E			F			D	
Queue Length 50th (ft)		~1060			212		25	~400	~505	33	182	
Queue Length 95th (ft)		#1305			#375		53	#597	#754	67	#311	
Internal Link Dist (ft)		743			623			736			491	
Turn Bay Length (ft)							500		550	500		
Base Capacity (vph)		449			442		212	427	869	155	425	
Starvation Cap Reductn		0			0		0	0	0	0	0	
Spillback Cap Reductn		0			0		0	0	0	0	0	
Storage Cap Reductn		0			0		0	0	0	0	0	
Reduced v/c Ratio		2.32			0.85		0.28	1.22	1.25	0.51	0.75	
Intersection Summary												
Cycle Length: 95.4												
Actuated Cycle Length: 92.1												
Natural Cycle: 150												

Lanes, Volumes, Timings

6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020

Control Type: Semi Act-Uncoord

Maximum v/c Ratio: 2.32

Intersection Signal Delay: 263.6 Intersection LOS: F







Intersection Capacity Utilization: 122.5% ICU Level of Service H

Analysis Period (min) 15

- Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 6: Mickler Road/Ponte Vedra Blvd & SR A1A

Synchro Traffic Signal Alt 1 Configuration Results

Lanes, Volumes, Timings
6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations	↖ ↗		↗	↖ ↗			↖	↗	↗	↖	↖ ↗	
Traffic Volume (vph)	1103	210	86	29	175	80	47	237	664	68	420	32
Future Volume (vph)	1103	210	86	29	175	80	47	237	664	68	420	32
Satd. Flow (prot)	3433	1783	0	1770	1775	0	1770	1863	1583	1770	3500	0
Flt Permitted	0.950		0.950		0.950		0.950		0.950			
Satd. Flow (perm)	3433	1783	0	1770	1775	0	1770	1863	1583	1770	3500	0
Satd. Flow (RTOR)	23		18		260		6					
Lane Group Flow (vph)	1199	321	0	32	277	0	51	258	722	74	492	0
Turn Type	Prot		NA		Prot		NA		pm+ov		Prot	
Protected Phases	7	4	3		8		1	6	7	5	2	
Permitted Phases									6			
Detector Phase	7	4	3		8		1	6	7	5	2	
Switch Phase												
Minimum Initial (s)	6.0	6.0	6.0		6.0		4.0	18.0	6.0	4.0	18.0	
Minimum Split (s)	23.0	23.0	12.0		12.0		12.0	27.8	23.0	12.0	24.8	
Total Split (s)	44.0	51.0	18.0		25.0		12.0	27.0	44.0	14.0	29.0	
Total Split (%)	40.0%	46.4%	16.4%		22.7%		10.9%	24.5%	40.0%	12.7%	26.4%	
Maximum Green (s)	38.0	45.0	12.2		19.2		5.2	20.2	38.0	7.2	22.2	
Yellow Time (s)	4.0	4.0	3.7		3.7		4.8	4.8	4.0	4.8	4.8	
All-Red Time (s)	2.0	2.0	2.1		2.1		2.0	2.0	2.0	2.0	2.0	
Lost Time Adjust (s)	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	
Total Lost Time (s)	6.0	6.0	5.8		5.8		6.8	6.8	6.0	6.8	6.8	
Lead/Lag	Lead	Lag	Lead		Lag		Lead	Lag	Lead	Lead	Lag	
Lead-Lag Optimize?	Yes	Yes	Yes		Yes		Yes	Yes	Yes	Yes	Yes	
Vehicle Extension (s)	3.0	3.0	3.0		3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	None	None		None		None	Min	None	None	Min	
Act Effct Green (s)	38.3	53.9	7.6		18.0		5.2	19.4	64.5	7.0	20.9	
Actuated g/C Ratio	0.36	0.51	0.07		0.17		0.05	0.18	0.61	0.07	0.20	
v/c Ratio	0.96	0.35	0.25		0.87		0.58	0.75	0.67	0.63	0.70	
Control Delay	52.1	18.1	52.7		67.4		77.6	56.7	12.7	73.7	45.5	
Queue Delay	0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	
Total Delay	52.1	18.1	52.7		67.4		77.6	56.7	12.7	73.7	45.5	
LOS	D	B	D		E		E	E	B	E	D	
Approach Delay	44.9		65.9		26.9		49.2					
Approach LOS	D		E		C		D					

Intersection Summary:											
Cycle Length: 110											
Actuated Cycle Length: 105.2											
Natural Cycle: 100											
Control Type: Semi Act-Uncoord											
Maximum v/c Ratio: 0.96											
Intersection Signal Delay: 42.1						Intersection LOS: D					
Intersection Capacity Utilization 85.5%						ICU Level of Service E					
Analysis Period (min) 15											

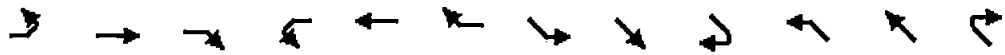
Splits and Phases: 6: Mickler Road/Ponte Vedra Blvd & SR A1A

01	02	03	04
32s	29s	18s	51s
05	06	07	08
19s	20s	16s	25s

Lanes, Volumes, Timings

6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020

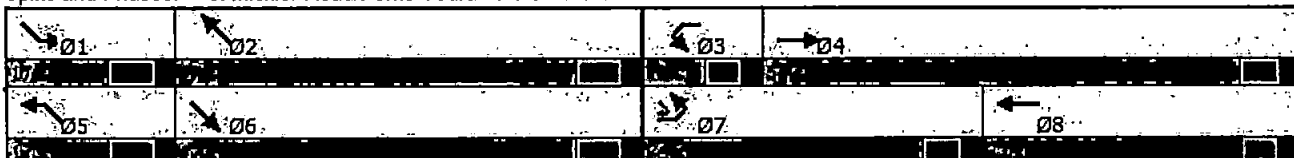


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations	↔	↔		↔	↔		↔	↔	↔	↔	↔	↔
Traffic Volume (vph)	714	130	113	35	232	77	55	478	1003	73	274	19
Future Volume (vph)	714	130	113	35	232	77	55	478	1003	73	274	19
Satd. Flow (prot)	3433	1732	0	1770	1792	0	1770	1863	1583	1770	3504	0
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3433	1732	0	1770	1792	0	1770	1863	1583	1770	3504	0
Satd. Flow (RTOR)		38			12				235		6	
Lane Group Flow (vph)	776	264	0	38	336	0	60	520	1090	79	319	0
Turn Type	Prot	NA		Prot	NA		Prot	NA	pm+ov	Prot	NA	
Protected Phases	7	4		3	8		1	6	7	5	2	
Permitted Phases								6				
Detector Phase	7	4		3	8		1	6	7	5	2	
Switch Phase												
Minimum Initial (s)	6.0	6.0		6.0	6.0		4.0	18.0	6.0	4.0	18.0	
Minimum Split (s)	23.0	23.0		12.0	12.0		12.0	27.8	23.0	12.0	24.8	
Total Split (s)	34.0	54.0		12.0	32.0		17.0	47.0	34.0	17.0	47.0	
Total Split (%)	26.2%	41.5%		9.2%	24.6%		13.1%	36.2%	26.2%	13.1%	36.2%	
Maximum Green (s)	28.0	48.0		6.2	26.2		10.2	40.2	28.0	10.2	40.2	
Yellow Time (s)	4.0	4.0		3.7	3.7		4.8	4.8	4.0	4.8	4.8	
All-Red Time (s)	2.0	2.0		2.1	2.1		2.0	2.0	2.0	2.0	2.0	
Lost Time Adjust (s)	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0	0.0	
Total Lost Time (s)	6.0	6.0		5.8	5.8		6.8	6.8	6.0	6.8	6.8	
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lag	Lead	Lag	Lag	
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes	Yes	Yes	Yes	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	None		None	None		None	Min	None	None	Min	
Act Effct Green (s)	28.6	50.2		6.3	24.7		8.8	36.8	72.3	9.2	37.1	
Actuated g/C Ratio	0.24	0.41		0.05	0.20		0.07	0.30	0.59	0.08	0.30	
v/c Ratio	0.96	0.36		0.42	0.90		0.47	0.92	1.05	0.59	0.30	
Control Delay	71.8	25.8		74.4	74.8		70.0	65.3	64.4	75.9	33.3	
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0	0.0	
Total Delay	71.8	25.8		74.4	74.8		70.0	65.3	64.4	75.9	33.3	
LOS	E	C		E	E		E	E	E	E	C	
Approach Delay		60.1			74.8			64.9			41.7	
Approach LOS		E			E			E			D	

Intersection Summary

Cycle Length: 130	
Actuated Cycle Length: 121.7	
Natural Cycle: 130	
Control Type: Semi Act-Uncoord	
Maximum v/c Ratio: 1.05	
Intersection Signal Delay: 61.9	Intersection LOS: E
Intersection Capacity Utilization 98.5%	ICU Level of Service F
Analysis Period (min) 15	

Splits and Phases: 6: Mickler Road/Ponte Vedra Blvd & SR A1A

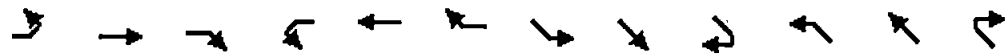


Synchro Traffic Signal Alt 2 Configuration Results

Lanes, Volumes, Timings

6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020

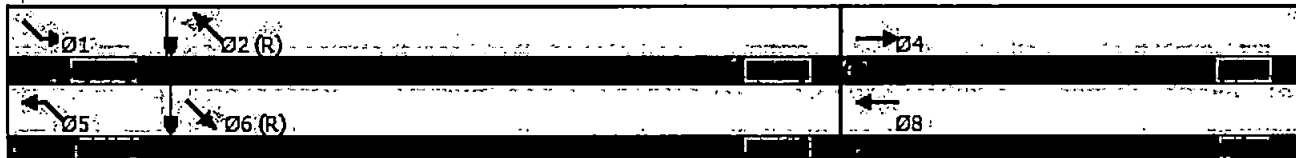


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	SETL	SETR	SER	NWL	NWT	NWR
Lane Configurations	↖			↗			↖			↗		
Traffic Volume (vph)	0	210	86	0	204	80	47	366	0	68	420	32
Future Volume (vph)	0	210	86	0	204	80	47	366	0	68	420	32
Satd. Flow (prot)	0	1790	0	0	1792	0	1770	1863	0	1770	1842	0
Flt Permitted							0.397			0.443		
Satd. Flow (perm)	0	1790	0	0	1792	0	740	1863	0	825	1842	0
Satd. Flow (RTOR)	23			22							6	
Lane Group Flow (vph)	0	321	0	0	309	0	51	398	0	74	492	0
Turn Type	NA			NA			pm+pt	NA		pm+pt	NA	
Protected Phases	4			8			1	6		5	2	
Permitted Phases							6			2		
Minimum Initial (s)	6.0			6.0			4.0	18.0		4.0	18.0	
Minimum Split (s)	23.0			12.0			10.8	27.8		10.8	24.8	
Total Split (s)	32.0			32.0			11.1	46.6		11.4	46.9	
Total Split (%)	35.6%			35.6%			12.3%	51.8%		12.7%	52.1%	
Maximum Green (s)	26.0			26.2			4.3	39.8		4.6	40.1	
Yellow Time (s)	4.0			3.7			4.8	4.8		4.8	4.8	
All-Red Time (s)	2.0			2.1			2.0	2.0		2.0	2.0	
Total Lost Time (s)	6.0			5.8			6.8	6.8		6.8	6.8	
Lead/Lag							Lead	Lag		Lead	Lag	
Lead-Lag Optimize?							Yes	Yes		Yes	Yes	
Vehicle Extension (s)	3.0			3.0			3.0	3.0		3.0	3.0	
Recall Mode	None			None			None	C-Min		None	C-Min	
Act Effect Green (s)	20.2			20.4			51.2	46.3		53.2	49.2	
Actuated g/C Ratio	0.22			0.23			0.57	0.51		0.59	0.55	
v/c Ratio	0.76			0.73			0.10	0.42		0.13	0.49	
Control Delay	41.8			39.6			3.3	6.9		8.5	17.3	
Queue Delay	0.0			0.0			0.0	0.1		0.0	0.0	
Total Delay	41.8			39.6			3.3	7.0		8.5	17.3	
LOS	D			D			A	A		A	B	
Approach Delay	41.8			39.6			6.6			16.2		
Approach LOS	D			D			A			B		

Intersection Summary

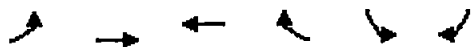
Cycle Length: 90
 Actuated Cycle Length: 90
 Offset: 56 (62%), Referenced to phase 2:NWTL and 6:SETL, Start of Green
 Control Type: Actuated-Coordinated
 Maximum v/c Ratio: 0.76
 Intersection Signal Delay: 23.0 Intersection LOS: C
 Intersection Capacity Utilization 60.0% ICU Level of Service B
 Analysis Period (min) 15

Splits and Phases: 6: Mickler Road/Ponte Vedra Blvd & SR A1A



Lanes, Volumes, Timings
11: Mickler Road & Connector Rd

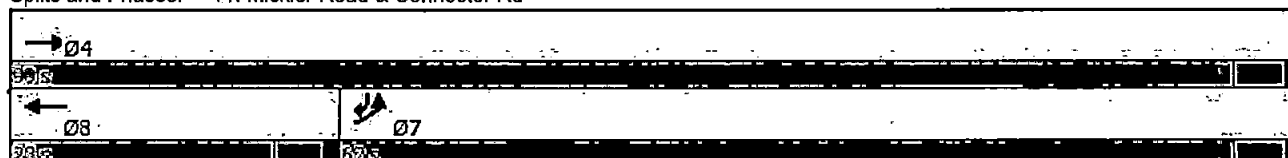
09/04/2020



Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations	↖	↗	↔			↗
Traffic Volume (vph)	1103	296	243	29	0	1003
Future Volume (vph)	1103	296	243	29	0	1003
Satd. Flow (prot)	1770	1863	1835	0	0	1611
Flt Permitted	0.950					
Satd. Flow (perm)	1770	1863	1835	0	0	1611
Satd. Flow (RTOR)			6			203
Lane Group Flow (vph)	1199	322	296	0	0	1090
Turn Type	Prot	NA	NA			Over
Protected Phases	7	4	8			7
Permitted Phases						7
Minimum Initial (s)	5.0	5.0	5.0			5.0
Minimum Split (s)	9.5	22.5	22.5			9.5
Total Split (s)	67.0	90.0	23.0			67.0
Total Split (%)	74.4%	100.0%	25.6%			74.4%
Maximum Green (s)	62.5	85.5	18.5			62.5
Yellow Time (s)	3.5	3.5	3.5			3.5
All-Red Time (s)	1.0	1.0	1.0			1.0
Total Lost Time (s)	4.5	4.5	4.5			4.5
Lead/Lag	Lag		Lead			Lag
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0			3.0
Recall Mode	None	None	None			None
Walk Time (s)		7.0	7.0			
Flash Don't Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	62.8	90.0	18.2			62.8
Actuated g/C Ratio	0.70	1.00	0.20			0.70
v/c Ratio	0.97	0.17	0.79			0.92
Control Delay	34.2	0.2	52.4			23.5
Queue Delay	0.0	0.0	0.0			0.0
Total Delay	34.2	0.2	52.4			23.5
LOS	C	A	D			C
Approach Delay		27.0	52.4		23.5	
Approach LOS		C	D		C	

Intersection Summary	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 52 (58%), Referenced to phase 2: and 6:, Start of Green	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.97	
Intersection Signal Delay: 28.3	Intersection LOS: C
Intersection Capacity Utilization 84.2%	ICU Level of Service E
Analysis Period (min) 15	

Splits and Phases: 11: Mickler Road & Connector Rd



Lanes, Volumes, Timings
20: Connector Rd & SR A1A

09/04/2020



Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑	↗		↑↑	↘↘	
Traffic Volume (vph)	284	664	0	500	1103	29
Future Volume (vph)	284	664	0	500	1103	29
Satd. Flow (prot)	1863	1583	0	3539	3434	0
Flt Permitted					0.954	
Satd. Flow (perm)	1863	1583	0	3539	3434	0
Satd. Flow (RTOR)		722			4	
Lane Group Flow (vph)	309	722	0	543	1231	0
Turn Type	NA	Free		NA	Prot	
Protected Phases	4			8	2	
Permitted Phases		Free				
Minimum Initial (s)	5.0			5.0	5.0	
Minimum Split (s)	22.5			22.5	22.5	
Total Split (s)	43.0			43.0	47.0	
Total Split (%)	47.8%			47.8%	52.2%	
Maximum Green (s)	38.5			38.5	42.5	
Yellow Time (s)	3.5			3.5	3.5	
All-Red Time (s)	1.0			1.0	1.0	
Total Lost Time (s)	4.5			4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0			3.0	3.0	
Recall Mode	None			None	C-Max	
Act Effct Green (s)	20.8	90.0		20.8	60.2	
Actuated g/C Ratio	0.23	1.00		0.23	0.67	
v/c Ratio	0.72	0.46		0.66	0.54	
Control Delay	40.9	1.0		32.6	5.2	
Queue Delay	0.0	0.2		0.0	0.8	
Total Delay	40.9	1.1		32.6	6.0	
LOS	D	A		C	A	
Approach Delay	13.1			32.6	6.0	
Approach LOS	B			C	A	

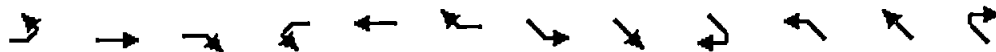
Intersection Summary	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 0 (0%), Referenced to phase 2:NBL and 6: Start of Green	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.72	
Intersection Signal Delay: 13.7	Intersection LOS: B
Intersection Capacity Utilization 54.8%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 20: Connector Rd & SR A1A



Lanes, Volumes, Timings
6: Mickler Road/Ponte Vedra Blvd & SR A1A

09/04/2020



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations		↑			↑		↑	↑		↑	↑	
Traffic Volume (vph)	0	130	113	0	267	77	55	513	0	73	274	19
Future Volume (vph)	0	130	113	0	267	77	55	513	0	73	274	19
Satd. Flow (prot)	0	1745	0	0	1807	0	1770	1863	0	1770	1844	0
Flt Permitted							0.562			0.273		
Satd. Flow (perm)	0	1745	0	0	1807	0	1047	1863	0	509	1844	0
Satd. Flow (RTOR)		59			20						6	
Lane Group Flow (vph)	0	264	0	0	374	0	60	558	0	79	319	0
Turn Type		NA			NA		pm+pt	NA		pm+pt	NA	
Protected Phases		4			8		1	6		5	2	
Permitted Phases							6			2		
Minimum Initial (s)		6.0			6.0		4.0	18.0		4.0	18.0	
Minimum Split (s)		23.0			12.0		10.8	27.8		10.8	24.8	
Total Split (s)		23.0			23.0		10.9	36.0		11.0	36.1	
Total Split (%)		32.9%			32.9%		15.6%	51.4%		15.7%	51.6%	
Maximum Green (s)		17.0			17.2		4.1	29.2		4.2	29.3	
Yellow Time (s)		4.0			3.7		4.8	4.8		4.8	4.8	
All-Red Time (s)		2.0			2.1		2.0	2.0		2.0	2.0	
Total Lost Time (s)		6.0			5.8		6.8	6.8		6.8	6.8	
Lead/Lag							Lead	Lag		Lead	Lag	
Lead-Lag Optimize?							Yes	Yes		Yes	Yes	
Vehicle Extension (s)		3.0			3.0		3.0	3.0		3.0	3.0	
Recall Mode		None			None		None	C-Min		None	C-Min	
Act Effct Green (s)		16.7			16.9		35.0	31.3		36.5	34.0	
Actuated g/C Ratio		0.24			0.24		0.50	0.45		0.52	0.49	
v/c Ratio		0.57			0.83		0.10	0.67		0.22	0.36	
Control Delay		23.4			41.6		1.9	7.4		8.8	14.2	
Queue Delay		0.0			0.0		0.0	0.0		0.0	0.0	
Total Delay		23.4			41.6		1.9	7.4		8.8	14.2	
LOS		C			D		A	A		A	B	
Approach Delay		23.4			41.6			6.9			13.1	
Approach LOS		C			D			A			B	

Intersection Summary	
Cycle Length: 70	
Actuated Cycle Length: 70	
Offset: 36 (51%), Referenced to phase 2:NWTL and 6:SETL, Start of Green	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.83	
Intersection Signal Delay: 18.9	Intersection LOS: B
Intersection Capacity Utilization 65.9%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 6: Mickler Road/Ponte Vedra Blvd & SR A1A

 01	 02 (R)	 04
 05	 06 (R)	 08

Lanes, Volumes, Timings
11: Mickler Road & Connector Rd

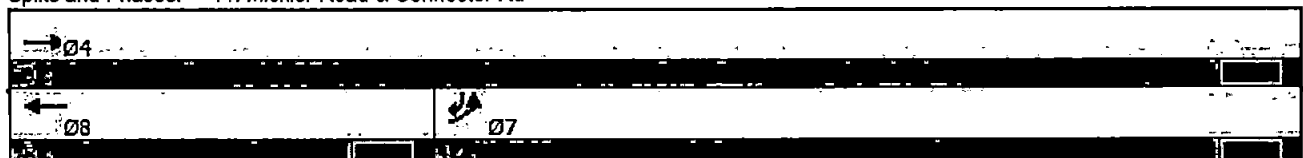
09/04/2020



Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations	↖	↗	↖	↗	↖	↗
Traffic Volume (vph)	714	243	305	35	0	1003
Future Volume (vph)	714	243	305	35	0	1003
Satd. Flow (prot)	1770	1863	1837	0	0	1611
Flt Permitted	0.950					
Satd. Flow (perm)	1770	1863	1837	0	0	1611
Satd. Flow (RTOR)			8			211
Lane Group Flow (vph)	776	264	370	0	0	1090
Turn Type	Prot	NA	NA			Over
Protected Phases	7	4	8			7
Permitted Phases						7
Minimum Initial (s)	5.0	5.0	5.0			5.0
Minimum Split (s)	9.5	22.5	22.5			9.5
Total Split (s)	47.0	70.0	23.0			47.0
Total Split (%)	67.1%	100.0%	32.9%			67.1%
Maximum Green (s)	42.5	65.5	18.5			42.5
Yellow Time (s)	3.5	3.5	3.5			3.5
All-Red Time (s)	1.0	1.0	1.0			1.0
Total Lost Time (s)	4.5	4.5	4.5			4.5
Lead/Lag	Lag		Lead			Lag
Lead-Lag Optimize?	Yes		Yes			Yes
Vehicle Extension (s)	3.0	3.0	3.0			3.0
Recall Mode	None	None	None			None
Walk Time (s)		7.0	7.0			
Flash Dont Walk (s)		11.0	11.0			
Pedestrian Calls (#/hr)		0	0			
Act Effct Green (s)	44.0	70.0	17.0			44.0
Actuated g/C Ratio	0.63	1.00	0.24			0.63
v/c Ratio	0.70	0.14	0.82			1.00
Control Delay	13.4	0.2	25.8			36.9
Queue Delay	0.0	0.0	0.0			1.8
Total Delay	13.4	0.2	25.8			38.8
LOS	B	A	C			D
Approach Delay		10.0	25.8		38.8	
Approach LOS		B	C		D	

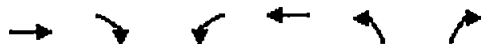
Intersection Summary	
Cycle Length:	70
Actuated Cycle Length:	70
Offset:	18 (26%), Referenced to phase 2: and 6:, Start of Green
Control Type:	Actuated-Coordinated
Maximum v/c Ratio:	1.00
Intersection Signal Delay:	24.9
Intersection Capacity Utilization:	87.8%
Analysis Period (min):	15
Intersection LOS:	C
ICU Level of Service:	E

Splits and Phases: 11: Mickler Road & Connector Rd



Lanes, Volumes, Timings
20: Connector Rd & SR A1A

09/04/2020

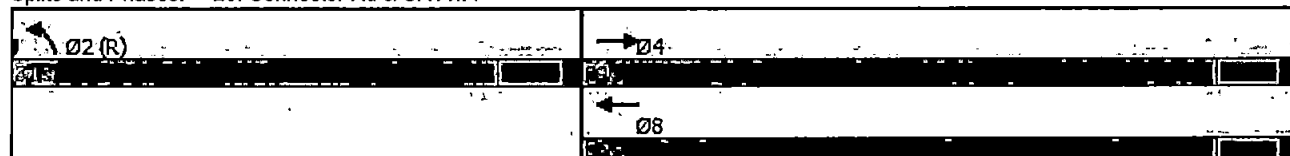


Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑	↗		↑↑	↘↘	
Traffic Volume (vph)	533	1003	0	351	714	35
Future Volume (vph)	533	1003	0	351	714	35
Satd. Flow (prot)	1863	1583	0	3539	3427	0
Flt Permitted					0.955	
Satd. Flow (perm)	1863	1583	0	3539	3427	0
Satd. Flow (RTOR)		1090			8	
Lane Group Flow (vph)	579	1090	0	382	814	0
Turn Type	NA	Free		NA	Prot	
Protected Phases	4			8	2	
Permitted Phases		Free				
Minimum Initial (s)	5.0			5.0	5.0	
Minimum Split (s)	22.5			22.5	22.5	
Total Split (s)	39.0			39.0	31.0	
Total Split (%)	55.7%			55.7%	44.3%	
Maximum Green (s)	34.5			34.5	26.5	
Yellow Time (s)	3.5			3.5	3.5	
All-Red Time (s)	1.0			1.0	1.0	
Total Lost Time (s)	4.5			4.5	4.5	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0			3.0	3.0	
Recall Mode	None			None	C-Max	
Act Effct Green (s)	27.7	70.0		27.7	33.3	
Actuated g/C Ratio	0.40	1.00		0.40	0.48	
v/c Ratio	0.79	0.69		0.27	0.50	
Control Delay	26.2	2.5		9.9	6.5	
Queue Delay	0.0	1.8		0.0	0.2	
Total Delay	26.2	4.3		9.9	6.7	
LOS	C	A		A	A	
Approach Delay	11.9			9.9	6.7	
Approach LOS	B			A	A	

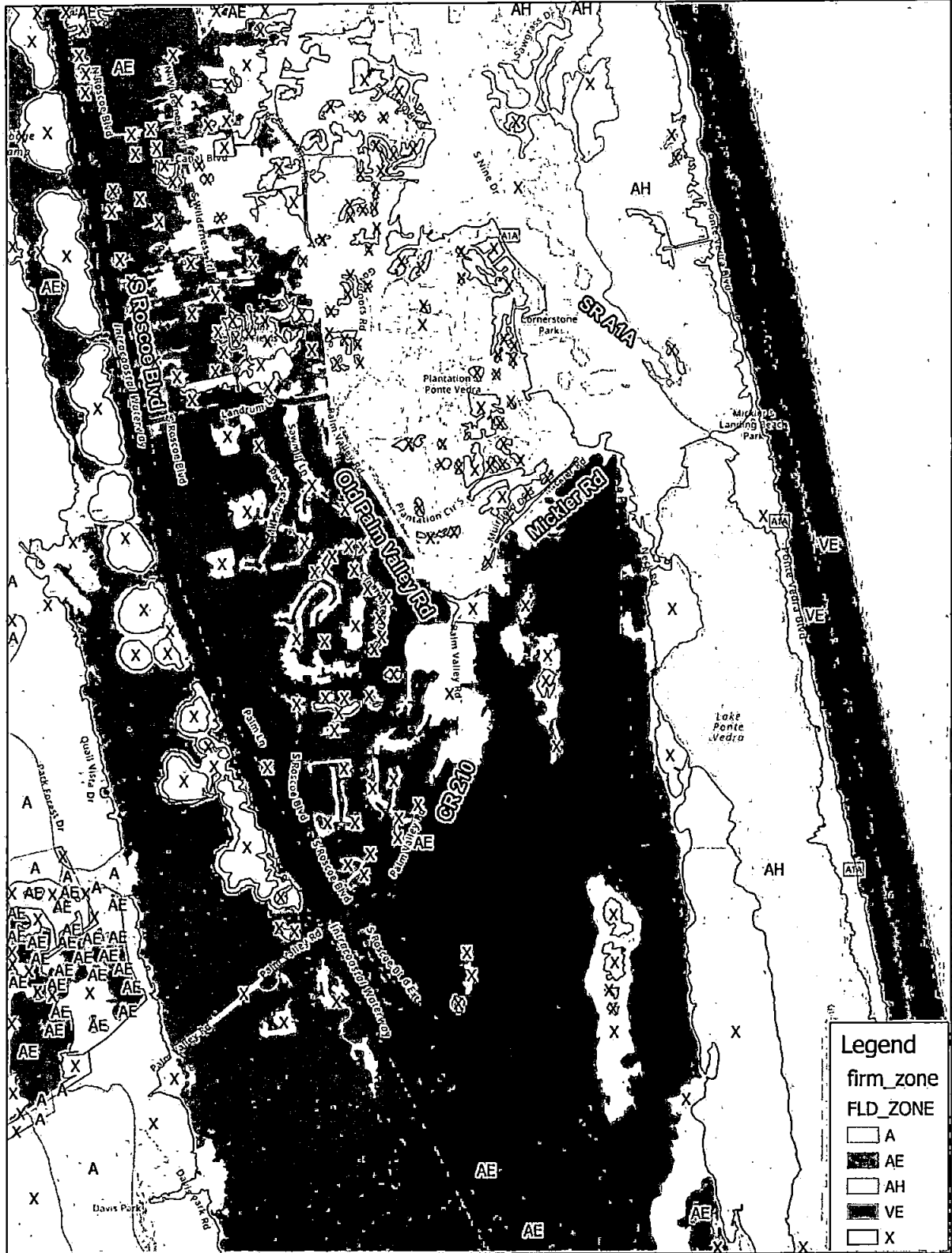
Intersection Summary

Cycle Length: 70	
Actuated Cycle Length: 70	
Offset: 64 (91%), Referenced to phase 2:NBL and 6; Start of Green	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.79	
Intersection Signal Delay: 10.2	Intersection LOS: B
Intersection Capacity Utilization 57.0%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 20: Connector Rd & SR A1A



FEMA and Wetland Maps

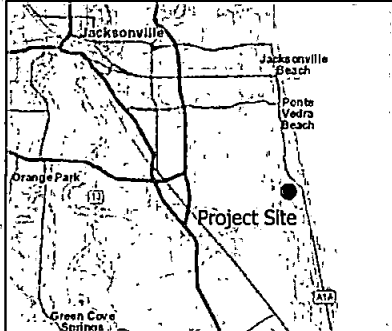


Legend

firm_zone

FLD_ZONE

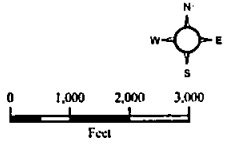
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- AE
- AH
- VE
- X



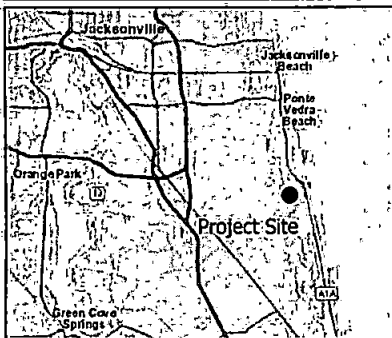
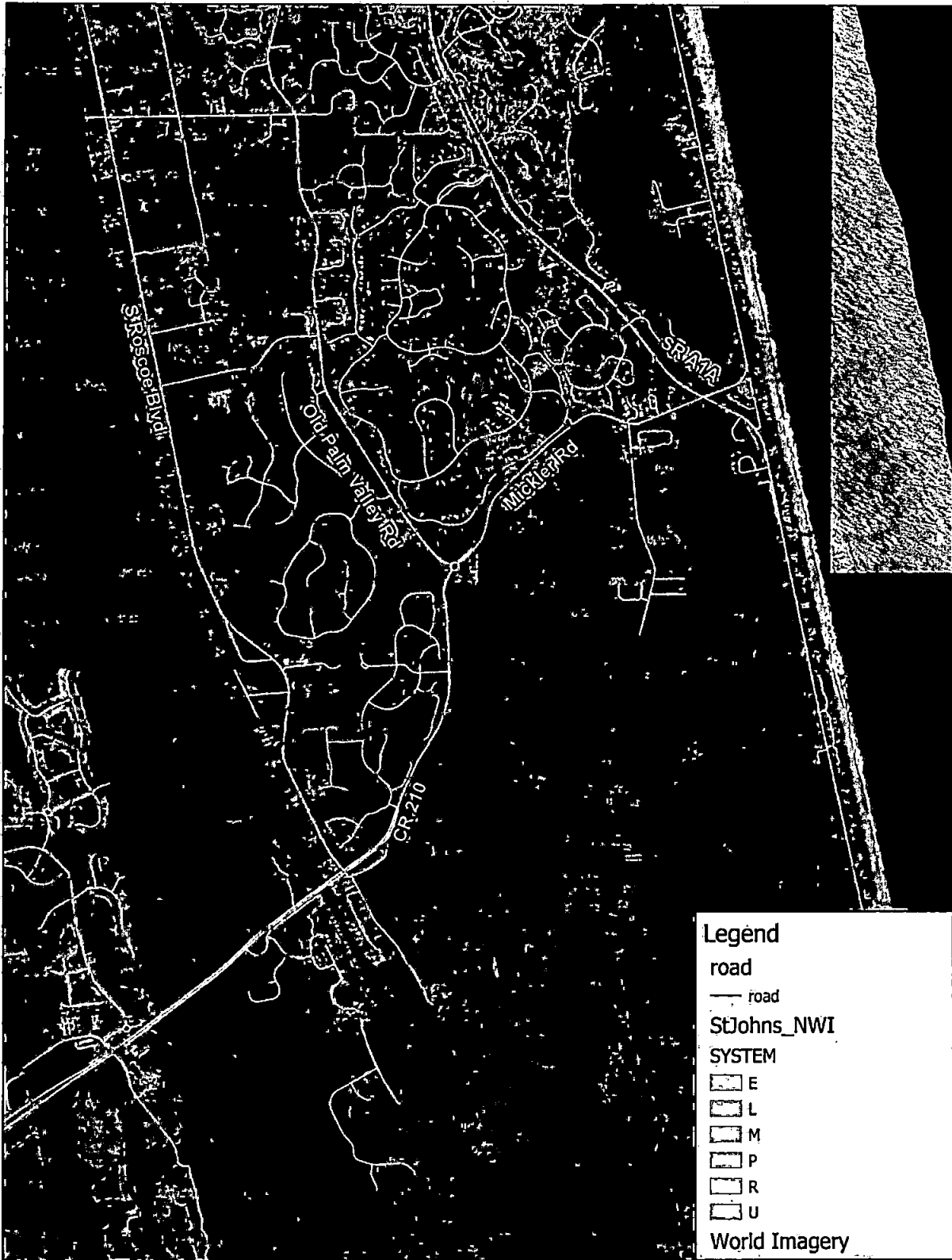
CR 210

FEMA Map

Source: ETM of Johns County



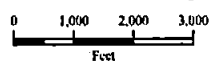
ETM Englund-Thim & Miller, Inc.
 VISION • EXPERIENCE • RESULTS
 14775 Old St. Augustine Road Jacksonville, FL 32258
 904-642-8990 • Fax: 904-648-9485 • www.etmlnc.com



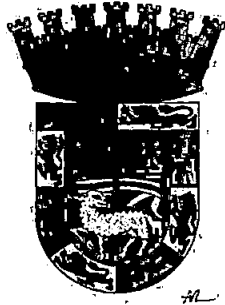
CR 210

Wetlands Map

Source: ETM & James Coyle



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 904-642-8990 • Fax: 904-646-9485 • www.etm-inc.com



**ST. JOHNS COUNTY
BOARD OF COUNTY COMMISSIONERS**

**RFQ NO. 21-86
REQUEST FOR QUALIFICATIONS**

**SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine FL 32084
(904) 209-0150 – Main

FINAL: 04/16/2021

RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

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PART VII:	EXHIBIT "A" – SR A1A AND MICKLER ROAD INTERSECTION ANALYSIS (SEPARATE ATTACHMENT)
PART VIII:	ATTACHMENTS/FORMS

ST. JOHNS COUNTY, FL
RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

PART I: ADVERTISEMENT

Notice is hereby given that St. Johns County, FL is soliciting responses for **RFQ No: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING**. Interested and qualified respondents may submit Qualification Packages, in accordance with the requirements described herein, to the St. Johns County Purchasing Department located at 500 San Sebastian View, St. Augustine, FL 32084. **All RFQ Packages are due by or before 4:00 P.M. (EDST) on Thursday, May 27, 2021.** Any packages delivered to or received after the 4:00 P.M. deadline will not be considered and shall be returned unopened to the addressee.

In accordance with Florida Statutes, Section 287.055 Consultant's Competitive Negotiation Act (CCNA), St. Johns County is soliciting qualifications from interested firms to provide professional engineering services for design, permitting, right-of-way acquisition, utility coordination services, and construction documents for intersection improvements at SR-A1A and Mickler Road in St. Johns County, Florida.

Minimum Qualifications: In order to submit a qualifications package, the Consultant must be currently licensed and certified to do business in the State of Florida as a Professional Engineer pursuant to Florida Statutes, Section 471

RFQ Packages are available for downloading from Demandstar, Inc., at their website www.demandstar.com, or by calling 1-866-273-1863 and requesting Document #21-86. Vendors registered with Demandstar may download most packages at no cost from the website. Download fees may apply to vendors not registered on the website. Packages are also available from the SJC Purchasing Department. When making a request provide the full company name, full company address, company phone number, primary contact and email address.

All questions related to this RFQ must be **submitted in writing**, to the Designated Point of Contact: Diana M. Fye, AS, CPPB, Procurement Coordinator, via email to dfye@sjcfl.us. All questions related to this RFQ must be submitted by or before **four o'clock (4:00PM) EDST, Thursday, May 13, 2021.**

In the event the Designated Point of Contact provided above is absent or otherwise unavailable for more than three (3) business days, firms may contact Leigh A. Daniels, CPPB, Purchasing Manager at ldaniels@sjcfl.us.

Interested firms shall not contact any staff member of St. Johns County, including members of the Board of County Commissioners, except the above referenced individual, with regard to this RFQ as stated in SJC Purchasing Code 304.6.5 "Procedures Concerning Lobbying". Any such communication shall result in disqualification from consideration for award of a contract for these services.

RFQ Packages **MUST** be submitted in a **SEALED** envelope or container and clearly marked on the exterior of the package: **RFQ 21-86 – SR-A1A / Mickler Road Intersection Improvements Design & Permitting**. Each package submitted must have the respondent's name and mailing address marked plainly on the outside of the envelope/container. Each package shall consist of one (1) hard-copy original and one (1) exact electronic PDF copy on a USB Drive which shall include all required documents and any supplemental information. In the event of a discrepancy between the submitted hard-copy and electronic copy, the hard-copy will supersede.

Deliver or Ship RFP Packages to: St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine FL 32084

Any bidder, proposer or person substantially and adversely affected by an intended decision or by any term, condition, procedure or specification with respect to any bid, invitation, solicitation of proposals or Request for Proposals, shall file with the Purchasing Department for St. Johns County, a written notice of intent to protest no later than seventy two (72) hours (excluding Saturdays, Sundays, and legal holidays for employees of St. Johns County) after the posting either electronically or by other means of the notice of intended action, notice of intended award, bid tabulation, publication by posting electronically or by other means of a procedure, specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the Purchasing Department and are included in St. Johns County's Purchasing Manual.

All of the terms and conditions of the County's Purchasing Manual are incorporated by reference and are fully binding.

St. Johns County reserves the right to accept or reject any or all bids/proposals, waive minor formalities, and to award the bid/proposal that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any alternate bids in any combination that best suits the needs of the County.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA
BRANDON J. PATTY, CLERK OF THE CIRCUIT COURT & COMPTROLLER

BY: _____
Deputy Clerk

RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

PART II: INTRODUCTION

A. PURPOSE

The purpose of this RFQ is to evaluate, rank, and shortlist firms seeking qualification in order to submit a pricing proposal for the design and permitting of SR-A1A / Mickler Road Intersection Improvements. Interested respondents must be qualified and experienced in providing roadway design services of similar size and scope of the proposed Project. Firms must provide evidence of required qualifications, experience, and financial capability and stability in accordance with the information specified in this document. The intent of this RFQ is to qualify firms using the established selection criteria provided herein. Only those firms qualified through this RFQ process will be eligible to submit a pricing proposal for the completion of the Project.

B. TENTATIVE SCHEDULE OF EVENTS

The County proposes the tentative schedule of events below. The dates provided may change at the discretion of the County. If any modifications impact the schedule of this RFQ, through and until the deadline for submitted RFQ Packages, the County will notify all interested respondents via Addendum.

Advertisement of Request for Qualifications for Consultants	April 22, 2021
Deadline for Questions / Requests for Information/Clarifications	May 13, 2021
Issuance of Final Addendum	May 20, 2021
Qualification Package Submission Deadline	May 27, 2021
Evaluation of Submitted Qualification Packages	June 10, 2021
Interviews with Shortlisted Firms & Final Evaluation Ranking Meeting	June 17, 2021
Presentations by Shortlisted Firms & Evaluation Meeting (if required)	June 24, 2021
Presentation of Award Recommendation to SJC BOCC	August 3, 2021
Negotiation of Contract	August 13, 2021
*Presentation of Final Contract to SJC BOCC	September 21, 2021
Issue Final Contract	October 6, 2021
Notice to Proceed	October 12, 2021
* Presentation of Final Contract to SJC BOCC may or may not be necessary based on the initial direction of the SJC BOCC.	

C. DUE DATE & LOCATION

Qualification Packages submitted in response to this Request for Qualifications (RFQ) must be delivered to, and received by the SJC Purchasing Department by or before **four o'clock (4:00PM) (ESDT) on Thursday, May 27, 2021.** Any packages received by the SJC Purchasing Department after this deadline will be deemed non-responsive, and shall be returned to the Respondent, unopened.

Qualification Packages must be submitted to: SJC Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084

D. DESIGNATED POINT OF CONTACT

Any and all questions or requests for information relating to this RFQ must be directed, **in writing**, to the following Designated Point of Contact provided below:

Designated Point of Contact Information: Diana M. Fye, AS, CPPB, Procurement Coordinator
SJC Purchasing Department
500 San Sebastian View

St. Augustine, FL 32084
Email: dfye@sicfl.us

In the event the Designated Point of Contact provided above is absent or otherwise unavailable for more than three (3) business days, firms may contact Leigh Daniels, CPPB, Purchasing Manager at ldaniels@sicfl.us.

Interested firms **SHALL NOT** contact any staff member of St. Johns County, including members of the Board of County Commissioners, except the above referenced individual, with regard to this RFP as stated in SJC Purchasing Code 304.6.5 "Procedures Concerning Lobbying". All inquiries will be routed to the appropriate staff member for response. Any such communication may result in disqualification from consideration for award of a contract for these services.

E. SUBMITTAL OF QUESTIONS/INQUIRIES

Any and all questions and/or inquiries related to this RFQ, shall be directed, in writing, to the Designated Point of Contact as provided above, by or before **four o'clock (4:00PM) EDST on Thursday, May 13, 2021**. Any questions received after this deadline will not be addressed or clarified by the County, unless it is determined to be in the best interest of the County to do so. The County reserves the right to extend the deadline for RFQ submission in order to clarify or answer questions as necessary to serve the best interest of the County.

F. ADDENDA

Any and all clarifications, answers to questions, or changes to this RFQ shall be provided through a County issued Addendum, posted on www.demandstar.com. Any clarifications, answers, or changes provided in any manner other than a formally issued addendum, are to be considered "unofficial" and shall not bind the County to any requirements, terms or conditions not stated herein.

The County shall make every possible, good faith effort to issue any and all addenda no later than seven (7) days prior to the due date for proposals. Any addenda issued after this date shall be for material, necessary clarifications to the Request for Qualifications.

Any and all issued Addenda must be included with all copies of each Respondent's submitted RFQ Package. Failure to submit an issued addendum with the submitted RFQ Package may result in the Respondent being deemed non-responsive, and being removed from consideration for award. The County reserves the right to request from any Respondent, copies of any missing addenda, if the content included in the Addenda is not of a material nature to the merit of the submitted Pre-Qualifications Package.

G. EQUAL EMPLOYMENT OPPORTUNITY

In accordance with Federal, State and Local law, the submitting firm shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The submitting firm shall be required to comply with all aspects of the Americans with Disabilities Act (ADA) during the performance of the work.

H. SOLICITATION POSTPONEMENT/CANCELLATION

The County may, at its sole and absolute discretion, postpone, cancel, or re-advertise, at any time, this solicitation process for any reason, as determined by County Staff, in order to best serve the interests of St. Johns County.

I. RIGHT TO REJECT/ACCEPT

The County reserves the right to accept or reject any or all proposals, waive minor formalities, and to award to the Respondent that best serves the interest of St. Johns County.

J. COMPLIANCE WITH ST. JOHNS COUNTY PURCHASING POLICY AND PROCEDURES MANUAL

All terms and conditions of the St. Johns County Purchasing Procedure Manual are incorporated into this RFQ Document by reference, and are fully binding. Respondents are required to submit their responses to this RFQ, and to conduct their activities during this process in accordance with the St. Johns County Purchasing Procedure Manual. This solicitation, the subsequent evaluation, negotiations and contract award shall be in accordance with the St. Johns County Purchasing Procedure Manual. The County reserves the right to disqualify, remove from consideration, or debar as

appropriate, any vendor that does not comply with the applicable requirements set forth in the St. Johns County Purchasing Procedure Manual.

PART III: GENERAL REQUIREMENTS

A. PROJECT DESCRIPTION

St. Johns County is soliciting qualifications from interested firms to provide professional engineering services for design, permitting, right-of-way acquisition, utility coordination services, and construction documents for intersection improvements at SR-A1A and Mickler Road in St. Johns County, Florida.

B. SCOPE OF SERVICES

The scope of services for this project shall include improvements to the SRA1A and Mickler Road intersection. This signalized intersection should be improved by adding two eastbound left-turn bays, constructing a westbound left-turn bay, and constructing a second northbound through lane (which should be extended to the Crossroad Lakes Drive/Lauden Court intersection, approximately 0.4 miles north of the signal). These improvements will result in approximately 0.6 acres of additional impervious area (pavement, sidewalk, curb). Two possible pond retention areas were identified on Mickler Road (one near the intersection on the northwest corner, and one just west of Hidden Palms Lane). It should be noted that both sites are located outside the County's right-of-way.

Engineering services to be provided under this Request for Qualifications (RFQ) shall include, but may not be limited to, the following:

- **Engineering Design Specifications** – Design shall include plan submittals at 30%, 60%, and 100% phases, with reviews at each stage. The roadway and intersection shall be designed and constructed as a 4-lane section with bike lanes and sidewalks on SR A1A and an underground stormwater drainage system with retention ponds. Note that a Study including Intersection Control Evaluation (ICE) and Safety Performance for Intersection Control Evaluation (SPICE) was completed during calendar year 2020 (See Exhibit “A” – SR A1A and Mickler Road Intersection Control Analysis).
- **Survey and Right-of-Way Acquisition** – The Consultant shall be responsible for all survey requirements including, but not limited to design topography, Right-of-Way (ROW) mapping, and legal descriptions for temporary construction easements, permanent easements, right-of-way parcel acquisitions, and stormwater pond parcels. County LIDAR is available for preliminary use only, North American Vertical Datum of 1988 (NAVD 88) or newer shall be used. Coordination with the St. Johns County Real Estate Division will be required during the acquisition phase. All Right-of-Way and pond site locations are to be identified as part of the 30% plans.
- **Geotechnical** – The Consultant shall use a Florida Registered Geotechnical Engineering firm for soil borings necessary for design and permitting including roadway, pond sites, and signal foundations, if required.
- **Environmental** – The Consultant shall minimize wetland impacts. The Consultant shall coordinate with the St. Johns County Environmental Division on mitigation. A Phase 1 Environmental Site Assessment (ESA) shall be required for any required right-of-way, including pond sites. The ESA shall be performed by a Florida Registered Environmental Engineering firm.
- **Stormwater Retention Ponds** – The Consultant shall determine the size and final location of all ponds and outfall structures. The Consultant may consider a joint use pond with an existing development through drainage easements. The Consultant shall analyze the use of an existing pond(s) for excess capacity. Modifications to existing joint use pond(s) may be required including enlargement and/or changes to the outfall structure. Acquiring property is another option that can be considered for a new pond. New ponds may be required to be fenced. The ponds shall be permitted through regulatory agencies. Currently there are no identified pond sites for this project. This section may require a Technical Memorandum or a Pond Siting Report citing alternatives with cost estimates, etc. All ROW and pond site locations are to be identified as part of the 30% plans.
- **Permitting** – The Consultant shall permit the project with all applicable agencies at 60% design plans. Permitting fees shall be determined by the regulatory agency through the Consultant. The Consultant shall be responsible for the cost of all required permits, and shall be included in the Consultant's proposed cost.

Permits may be required from, but not limited to: St. Johns River Water Management District, U.S. Army Corp of Engineers, and Florida Department of Transportation (FDOT).

- **St. Johns County Coordination** – The Consultant shall coordinate with Engineering, Traffic, and Growth Management, including Development Services and Transportation Planning, as necessary to gather information about current and new developments that could impact the project. This includes obtaining area site plans, development orders or agreements, etc.
- **FDOT Coordination** – The project majority is located within FDOT ROW. A heightened level of coordination is required with FDOT. The Consultant shall coordinate design and permitting with FDOT including FDOT Electronic Review Comment System if necessary. The Consultant shall obtain required permits from FDOT.
- **Roadway** – During the initial phases of design, the Consultant shall examine the roadway to determine the level of reconstruction required. Some sections may require full reconstruction with stormwater drainage. Other sections may require maintenance with milling and resurfacing. If any of the existing drainage system is kept during construction, the Consultant shall determine its condition to ensure it is operational. The County desires to sustain bike lanes and sidewalks on SR A1A and minimize ROW acquisition.
- **Culverts** – Culverts shall be designed using current Florida Department of Transportation guidelines and specifications. Cross culverts should be designed and constructed to accommodate the proposed typical section.
- **Utility Coordination** – The Consultant or their sub-consultant shall provide utility coordination. This shall entail relocation coordination of all utilities affected by the project. The Consultant shall ensure the utilities have been designed and relocated prior to construction. The County shall not pay for redesign or relocation; however, the Consultant can pursue a separate contract with the utility for design services. The Consultant shall ensure utilities are relocated in a timely fashion. This may require the Consultant to set up coordination meetings periodically with affected utilities. This phase of work may coincide with design and continue after design is complete. The Consultant shall continue to work with all utilities companies on relocations until construction.
- **Public Outreach and Social Media** – The Consultant shall develop a public outreach plan in coordination with County staff to include public meetings during the design process. This shall require the Consultant to prepare public meeting displays, notification, and assist the County with hosting the meetings. At a minimum, public meetings will be held at the sixty percent (60%) design plans. Homeowners Associations or other groups may request a separate meeting and the Consultant should be prepared to interact with these groups.
- **Plan Reviews** – The Consultant shall provide the County with plans for review at the thirty percent (30%), sixty percent (60%), and one hundred percent (100%) plan stages. The County will route the plans for review and provide the Consultant with comments. The Consultant shall allow sufficient time for the County to review the plans.
- **Engineers Estimates of Construction** – The Consultant shall provide a construction cost estimate at the sixty percent (60%) and one hundred percent (100%) design.
- **Construction Documents** – The project includes development and production of one hundred percent (100%) construction documents to include all plans and specifications necessary for the County to compile a complete package, utilizing the County's bid document, for the purpose of bidding the construction of this project. Production of one hundred percent (100%) construction documents shall include all plans and specifications applicable to those divisions of work. The final document package shall include providing an updated detailed Engineer's estimate of probable cost and obtaining permits as required. The Consultant shall coordinate with the St. Johns County Purchasing Department on the development of the bid document, and will provide review of the drafts for approval. This is to also include addressing any questions during the bidding phase.
- **Post-Design Services** – The following services, Construction Phase Services and Project Close-Out, may be negotiated as a separate contract with the Consultant, dependent upon Construction funding availability, at

the County's option.

- **Construction Phase Services** – Construction Phase Services includes assisting County staff throughout the construction of the project. Service shall include, but may not be limited to, attendance at the pre-construction meeting, submittal/shop drawing review, responding to Requests for Information (RFI) throughout the construction period, periodic site visits to verify compliance with design documents, and attendance at project progress meetings.
- **Project Close-Out** – Project Close-out includes assisting County Staff with all project close-out efforts including, but not limited to, project inspection(s) to certify Substantial Completion, generation and/or monitoring of punch list items to ensure Final Completion/Acceptance within the project schedule, verification and approval of as-built drawings, completion and submission of all permits, and/or certifications required by the project.

The Final Scope will be determined through Negotiations with successfully selected qualified Company.

PART IV: RFQ SUBMITTAL INSTRUCTIONS & FORMAT

A. RESPONDENT RESPONSIBILITIES

Respondents are responsible for any and all costs associated with developing and submitting an RFQ Package in response to this Request for Qualifications. Respondents are also solely responsible for any and all costs associated with interviews and/or presentations requested by the County. It is expressly understood, no Respondent may seek or claim any award and/or re-imbursement from the County for any expenses, costs, and/or fees (including attorneys' fees) borne by any Respondent, during the entire RFQ process. Such expenses, costs, and/or fees (including attorneys' fees) are the sole responsibility of the Respondent.

All RFQ Packages received in response to this Request for Qualifications shall become the property of St. Johns County and will not be returned. In the event of contract award, all documentation produced as part of the contract will become the exclusive property of St. Johns County.

By submitting an RFQ Package, each Respondent certifies that the proposer has fully read and understands any and all instructions in the Request for Proposals, and has full knowledge of the scope, nature, and quality of work to be performed. All RFP Packages submitted shall be binding for one hundred twenty (120) consecutive calendar days

B. MINIMUM QUALIFICATIONS OF CONSULTANTS

The following are minimum qualification requirements that solicitation Respondents must meet in order to be eligible to submit a proposal. Responses must clearly show compliance to these minimum qualifications.

Firms or individuals interested in submitting an RFQ Package for this project must also meet, and show proof of the following qualifications:

1. Must be currently licensed and certified to do business in the State of Florida as a Professional Engineer pursuant to Florida Statutes, Section 471.

Each Respondent shall demonstrate the necessary minimum qualifications, along with supplemental information in the designated section, as provided in Section IV below. Failure by any Respondent to sufficiently demonstrate compliance with the minimum qualification requirements stated above, may result in the Respondent being deemed non-responsive, and removal from the evaluation, and consideration for pre-qualification.

C. TRADE SECRETS

To qualify any submitted information as Trade Secret, or confidential, the Respondent must mark each page of the submitted RFQ Package or specific portion of a document as "trade secret." All material marked as a trade secret must be separated from all non-trade secret material, such as being submitted in a separate envelope clearly marked as "trade secret." If the County receives a public records request for a document or information that is marked and certified as a trade secret, the County shall release any information not verified as "trade secret", in accordance with applicable Public Records laws.

To invoke the provisions of Florida Statute 812.081, Trade Secrets, or other applicable law, the requesting firm must complete an Affidavit for Trade Secret Confidentiality, signed by an officer of the company, and submit the affidavit with the information classified as "Trade Secret" with other proposal documents. The affidavit must reference the applicable law or laws under which trade secret status is to be granted.

D. LOCAL PREFERENCE

Per Section 302.25 of the SJC Purchasing Procedure Manual, the County shall review all submitted proposals/submittals to determine whether or not the Respondent is requesting consideration as a Local Business. Staff shall provide the appropriate consideration of local preference to those submitted proposals/submittals, in accordance with SJC Purchasing Policy.

E. PUBLIC RECORDS

1. The cost of reproduction, access to, disclosure, non-disclosure, or exemption of records, data, documents, and/or materials, associated with this Agreement shall be subject to the applicable provisions of the Florida Public Records

Law (Chapter 119, Florida Statutes), and other applicable State and Federal provisions. Access to such public records, may not be blocked, thwarted, and/or hindered by placing the public records in the possession of a third party, or an unaffiliated party.

2. In accordance with Florida law, to the extent that Consultant's performance under this Contract constitutes an act on behalf of the County, Consultant shall comply with all requirements of Florida's public records law. Specifically, if Consultant is expressly authorized, and acts on behalf of the County under this Agreement, Consultant shall:
 - (a) Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the Services;
 - (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 as provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
 - (c) Ensure that public records related to this Agreement that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by applicable law for the duration of this Agreement and following completion of this Agreement if the Consultant does not transfer the records to the County; and
 - (d) Upon completion of this Agreement, transfer, at no cost, to the County all public records in possession of the Consultant or keep and maintain public records required by the County to perform the Services.

If the Consultant transfers all public records to the County upon completion of this Agreement, the Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records upon completion of this Agreement, the Consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the County's information technology systems.

Failure by the Consultant to comply with the requirements of this section shall be grounds for immediate, unilateral termination of this Agreement by the County.

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**500 San Sebastian View
St. Augustine, FL 32084
(904) 209-0805
publicrecords@sjcfl.us**

F. USE OF COUNTY LOGO

Pursuant to, and consistent with, County Ordinance 92-2 and County Administrative Policy 101.3, Respondents may not manufacture, use, display, or otherwise use any facsimile or reproduction of the County Seal/Logo without express written approval of the Board of County Commissioners of St. Johns County, Florida.

Respondents shall not include the St. Johns County Seal/Logo in any part of their submitted package. Any packages received by the SJC Purchasing Department, which contain the County Seal/Logo may be deemed nonresponsive to this requirement. The County reserves the right to request the submitting firm to resubmit a package with the County

Seal/Logo removed, within twenty four (24) hours of the submittal deadline provided herein, or as necessary to serve the needs of the County.

G. CONFLICT OF INTEREST

Respondents must certify that they presently have no interest and shall acquire no interest, either directly or indirectly, which would conflict in any manner with the performance of required services as provided herein. Respondents must certify that no person having any interest shall be employed for the performance of any of the required services as provided herein.

Respondents are required to disclose to the County any and all potential conflicts of interest for any prospective business association, interest or circumstance, the nature of work the Respondent may undertake and request an opinion from the County, whether such association, interest, or circumstance constitutes a conflict of interest.

H. RFQ PACKAGE SUBMITTAL FORMAT

The RFQ Package format must sufficiently address and demonstrate all required components, and follow the order of sections described below. The aim of the required format is to simplify the preparation and evaluation of the RFQ Packages.

All RFQ Packages must include the following components:

<u>Section</u>	<u>Topic</u>
1	Cover Page & Cover Letter
2	Company and Staff Qualifications
3	Related Experience and References
4	Approach to Services and Methodology
5	Proposed Design Schedule and Quality & Schedule Control
6	Administrative Information

I. QUALIFICATIONS PACKAGE COMPONENTS

All of the components outlined below must be included with each copy of the RFQ Package and submitted as follows: one (1) original hard copy original on and one (1) exact electronic copy on USB drive, submitted in a sealed envelope or container labeled with Company name and RFQ Number and name. Additionally, all headings, sections and sub-sections shall be identified appropriately. In order to insure a uniform review process and to obtain the maximum degree of comparability, it is recommended that proposals be organized in the manner specified as follows:

Section 1: RFQ Cover Page (Complete and Submit) and Cover Letter

In this section of the package, Respondents shall provide a cover letter. Include the original signed cover letter with the original proposal and a copy of the cover letter with the PDF copy of the proposal. The cover letter should provide the following:

- Full legal company name,
- Physical street address and mailing address if different than street address (include location address of office that will perform the services under this Contract),
- Primary company phone and fax numbers and email address,
- Company type, i.e. Corporation, Partnership, etc.,
- Names and titles of principals,
- Brief statement of company history (date of establishment, number of years in business, number of employees, etc.),
- Brief description of business philosophy, and
- Reason for interest in submitting a response to this solicitation.

Delegation of Authority

A contract entered into on behalf of the Respondent *may only be signed by an individual who has been delegated signature authority*. If the individual signing the required forms for this RFP is not a principal of the firm, Respondent

must provide with the submitted proposal a Letter of Delegation of Authority listing agents of the Respondent authorized to negotiate on behalf of and contractually bind the Respondent. The Letter of Delegation of Authority must be on company letterhead, be signed by a principal of the Responding firm, and must list the authorized agents' name, title, and limit of authority.

Section 2: Company & Staff Qualifications

In this section, Respondents shall provide documentation to fully demonstrate the experience, education, and abilities of any personnel that shall be performing work under this contract. This may be submitted in the form of resumes for any and all employees who will be performing work, documentation of past or current contracts held by the Respondent for services similar in size, scope and complexity as those described herein, or any other documentation or information demonstrating the experience and qualifications of the Respondent.

Also in this section, Respondents shall complete and submit the following attachments to fully demonstrate the firm's qualifications and resources:

Attachment "K": Licenses/Certifications – complete and submit information on all required and applicable licenses, permits and certifications held by the Respondent as well as Key Personnel on **Attachment "K"** provided herein.

Attachment "L": Claims, Liens, Litigation History – complete and submit required information on all claims, liens, and litigation history for the past seven (7) years on **Attachment "L"** provided herein.

Attachment "M": Company Organization – Submit an Organization Chart reflecting the organization of the company by submitting **Attachment "M"** provided herein.

Attachment "N": Team Organization - submit a team organization chart that demonstrates the hierarchy of the Key Personnel that will be responsible for completion of the required services, including names, titles and organization of the proposed team members on **Attachment "N"** provided herein.

Attachment "O": Key Personnel – submit information to demonstrate the qualifications and experience of personnel shown on the Team Organization Chart who are proposed to perform the scope of work by completing all information and submitting **Attachment "O"** – Key Personnel List. Brief comprehensive resumes should be provided for each staff member listed.

Attachment "P": Proposed Sub-Consultants – submit information to demonstrate the qualifications and experience of Sub-Consultants proposed to perform any portion of work specified herein by completing all information and submitting **Attachment "P"** – List of Proposed Sub-Consultants. Brief comprehensive resumes, including any and all licenses/certifications held, should be provided for each Sub-Consultant listed. All proposed Sub-Consultants are subject to approval by the County.

Section 3: Related Experience and References

In this section, Respondents shall submit a written narrative describing any and all contracts or engagements successfully completed in the last seven (7) calendar years including services similar in scope to those described herein. Respondents must include the type of services performed, timeframe of performance, whether or not the contract was renewed/extended.

Respondents must also complete and submit **Attachment "Q"** – Project References provided herein, to provide a list of five (5) project references from individuals, firms, or agencies that have contracted with the respondent to perform services of similar size and scope as those described herein. The information required must include: reference company name, date(s) of service, project information, and a contact person name, title, phone number and email address. References should include the primary contracts for the projects listed in the narrative submitted in this section. References shall be checked by the Purchasing Department, for the number one ranked Respondent, to verify capability to perform the work, and responsibility to fulfill the requirements of the contract.

Section 4: Approach to Services & Methodology (Limit 3 pages for written narrative and 3 pages for graphics, maps, charts, and figures)

In this section of the package, Respondents shall provide a written narrative describing the proposed approach and methodology for performing the services required for this project. The narrative must provide a synopsis of the respondent's understanding of the scope of services and the intent of the project. Briefly describe the approach the firm intends to take to successfully complete a quality and timely project.

Section 5: Proposed Design Schedule and Quality & Schedule Control

In this section, Respondents shall provide information relating to a proposed design schedule and quality of schedule control for the project by providing the following information:

Proposed Design Schedule (Limit 2 pages – size 11” x 17” paper may be used for this section only) – submit a proposed design schedule that includes all elements of design through provision of complete construction documents, including permitting. Right-of-Way acquisition does not have to be listed in the schedule.

Quality & Schedule Control Narrative (Limit 3 pages) – submit a written narrative of the firm's project management methods to establish, monitor, and track quality control methods including coordination of sub-consultants and ability to meet schedules in a timely manner.

Attachment “R”: Project Status Report – submit additional support regarding the capability to meet quality and schedule control by providing a Project Status Report that shows the last seven (7) projects completed by the company with the Project Name, Original Completion Date, Final Completion Date, Variances that resulted in the project being completed on time or ahead of schedule, and Variances that caused the project to take longer to complete, by completing and submitting **Attachment “R”** – Project Status Report. The last seven (7) projects completed by the firm as a prime consultant may or may not be projects similar in the type and size of this proposed project.

Section 6: Administrative Information

In this section, Respondents shall submit the following forms:

- Attachment “A” – Qualification Certification Notarized;
- Attachment “B” – Affidavit of Solvency;
- Attachment “C” – St. Johns County Affidavit;
- Attachment “D” – Conflict of Interest Disclosure;
- Attachment “E” – Drug-Free Workplace Form;
- Attachment “F” – Certificate(s) of Insurance;
- Attachment “G” – Local Preference Form;
- Attachment “H” – E-Verify Affidavit; and
- All Signed Addenda (if applicable)

J. DETERMINATION OF RESPONSIVENESS

The County shall make a determination for each Respondent, as to the responsiveness of the submitted RFQ Package to the requirements provided herein. Any Respondent who is not responsive to the requirements of this Request for Qualifications may be determined non-responsive, and may be removed from consideration by the Evaluation Committee. Only those respondents who are fully responsive to the requirements herein will be evaluated for consideration of award.

The County reserves the right to waive any minor formality or irregularity in any submitted RFQ Proposal. However, any missing information or document(s) that are material to the purpose of the RFQ shall not be waived as a minor formality.

K. EVALUATION OF QUALIFICATION PACKAGES

All properly submitted RFQ Packages that are determined to be responsive to the requirements of this RFQ will be evaluated by an Evaluation Committee of no less than three (3) representatives. Each Evaluation Committee Team Member will receive an electronic copy of all responsive RFQ Packages submitted, an electronic copy of the RFQ Document with all issued Addenda, an Evaluator’s Score Sheet, and an Evaluator’s Narrative Sheet.

Evaluators will review and score the submitted, responsive, RFQ Packages individually, with no interaction or communication with any other individual. Scores and rankings will be summarized at the Public Evaluation Meeting, and the list of respondents will be shortlisted to no fewer than 3 firms to participate in interviews. The Evaluation Committee will rank the interviews with the shortlisted firms to determine the firm selected for award. If the Evaluation Committee determines that additional interviews and/or presentations are necessary to make a final decision for selection, the shortlisted firms will be notified. If required, presentations will be scored by the Evaluation Committee as provided herein. Shortlisted firms will be notified, as needed, of the required information that must be included in any presentation.

The County will make a final selection for award based on the scoring from the qualifications and the ranking from the interviews, and if needed, the scoring from presentations.

County Staff may consider any evidence available regarding financial, technical, other qualifications and abilities of a respondent, including past performance (experience) with the County prior to recommending approval of award to the St. Johns County Board of County Commissioners.

L. EVALUATION CRITERIA AND SCORING

The County will evaluate and rank respondents that submit RFQ Packages from highest to lowest based upon the specific evaluation criteria and point scores listed below.

<u>Evaluation Criteria:</u>	<u>Maximum Possible Points per Evaluator:</u>
A. Local Preference (if eligible)	10
B. Company Qualifications	15
C. Staff Qualifications & Resources	15
D. Related Experience	30
E. Approach to Services & Methodology	40
F. Proposed Design Schedule and Quality & Schedule Control	20
Total Points Possible per Evaluator:	130
G. * Presentations (if required):	20
* Total Points Possible:	150

M. RECOMMENDATION FOR AWARD

Recommendation shall be made to the Board of County Commissioners by County Staff to enter into negotiations with only the highest ranked firm as determined by the evaluation committee, with the intention of coming to agreement over terms, conditions, and pricing in order to award a Contract for the services described herein.

The number one ranked firm will be submitted to the St. Johns County Board of County Commissioners for approval to enter into negotiations, and upon successful negotiations, award and execution of a contract. In the event that negotiations are unsuccessful and an agreement cannot be reached with the top ranked firm, staff will cease negotiations, and begin negotiations with the second ranked firm. This process will continue until such time as an agreement can be reached, or the County, in its sole discretion, determines that moving to a subsequent firm would not be in the best interest of the County.

The St. Johns County Board of County Commissioners reserves the right to reject any or all qualifications packages, waive minor formalities or award to/negotiate with the firm whose qualifications package best serves the interest of the

County.

N. PROTEST PROCEDURES

Any Respondent adversely affected by an intended decision, or by any term, condition, or procedure or specification with respect to this Request for Proposals, shall file, with the SJC Purchasing Department, a written Notice of Protest, no later than seventy two (72) hours (excluding Saturdays, Sundays, and legal holidays for employees of St. Johns County) after the posting, either electronically, or by other means, of the notice of intended action, notice of intended award, bid tabulation, publication by posting electronically or by other means of a procedure, specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the SJC Purchasing Department, and are included in St. Johns County's Purchasing Manual. All of the terms and conditions of the County's Purchasing Manual are incorporated into this Request for Proposals by reference, and are fully binding.

RFQ NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

PART V: EVALUATOR'S SCORE SHEET EXAMPLE

**ST. JOHNS COUNTY FLORIDA
BOARD OF COUNTY COMMISSIONERS**

**DATE:
PROJECT:**

CRITERIA RANKING:

Respondents	A. Local Preference	B. Company Qualifications	C. Staff Qualifications & Resources	D. Related Experience	E. Approach & Understanding / Methodology	F. Schedule & Availability	TOTALS
	10	0 to 15	0 to 15	0 to 30	0 to 40	0 to 20	0 - 130
							0
							0
							0
							0
							0
							0
							0
							0
							0
							0

SIGNATURE OF RATER: _____ PRINT NAME: _____ DATE: _____

PART VI: CONTRACT REQUIREMENTS

A. CONTRACT AGREEMENT & TERM

The intent of this RFQ is to select one firm through the evaluation process and to award a contract upon successful negotiations to the selected firm.

The County may consider extending any executed Contract/Agreement under mutually acceptable terms and conditions. However, the County is under no obligation to extend any executed Contract/Agreement. Moreover, it is expressly understood that the option of extension is exercisable only by the County, and only upon the County's determination of satisfactory performance of any executed Contract/Agreement, including specifically, the Scope of Work/Services. Any contract renewal will be upon mutual agreement by all parties and based upon the availability of funds and the need for services.

In the event that a Contract Agreement is attached to the RFQ, such attached Contract Agreement is for discussion purposes only, and not necessarily reflective of any Contract that may be ultimately entered into by the County. In the event that a Contract Agreement is not attached to the RFQ, it is expressly understood that the Board of County Commissioner's (Board's) preference/selection of any proposal does not constitute an award of a Contract Agreement with the County. It is anticipated that subsequent to the Board's preference/selection of any proposal, contract negotiations will follow between the County and the selected Respondent. It is further expressly understood that no contractual relationship exists with the County until a Contract has been executed by both the County and the selected Respondent. The County reserves the right to delete, add to, or modify one or more components of the selected Respondent's proposal in order to accommodate changed or evolving circumstances that the County may have encountered since the issuance of the RFQ.

B. CONTRACT AWARD:

Recommendation shall be made to the Board of County Commissioners by County Staff to enter into negotiations with the highest ranked firm(s) with the intention of coming to agreement over terms, conditions, and pricing in order to award a Contract for the services described herein.

C. CONTRACT PERFORMANCE

At any point in time during the term of the Contract with the awarded firm, County Staff may review records of performance to ensure that the awarded firm is continuing to provide sufficient financial support, equipment and organization as prescribed herein. The County may place said contract on probationary status and implement termination procedures if the County determines that an awarded firm no longer possesses the financial support, equipment and organization which would have been necessary during the RFQ evaluation period in order to comply with this demonstration of competency section.

D. TERMINATION

Failure on the part of the Consultant to comply with any portion of the duties and obligations under the Contract Agreement shall be cause for termination. If the Consultant fails to perform any aspect of the responsibilities described herein or as designated in an issued Task Order, St. Johns County shall provide written notification stating any and all items of non-compliance. The Consultant shall then have seven (7) consecutive calendar days to correct any and all items of non-compliance. If the items of non-compliance are not corrected, or acceptable corrective action, as approved by the County, has not been taken within the seven (7) consecutive calendar days, the Contract Agreement may be terminated by St. Johns County for cause, upon giving seven (7) consecutive calendar days written notice to the Consultant.

In addition to the above, the County may terminate the Contract Agreement at any time, without cause, upon thirty (30) days written notice to the Consultant.

E. GOVERNING LAWS & REGULATIONS

It shall be the responsibility of the Consultant to be familiar and comply with any and all federal, state, and local laws, ordinances, rules and regulations relevant to the services to be performed under this Contract. The Contract Agreement shall be governed by the laws of the State of Florida and the County both as to interpretation and performance.

F. LICENSES, PERMITS & CERTIFICATIONS

The Consultant shall be responsible for acquiring and maintaining any and all necessary licenses, permits, and/or certifications required to perform the work described herein throughout the duration of the Contract. The Consultant shall be solely responsible for paying any and all fines, penalties or fees assessed to the County, or the Consultant, for any lapse in require licenses, permits, or certifications required for any portion of the work.

G. INSURANCE REQUIREMENTS

The Consultant shall not commence work under this Contract until he/she has obtained all insurance required under this section and such insurance has been approved by the County. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. The Consultant shall furnish proof of Insurance to the County prior to the commencement of operations. The Certificate(s) shall clearly indicate the Consultant has obtained insurance of the type, amount, and classification as required by contract and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the County. Certificates shall specifically include the County as Additional Insured for all lines of coverage except Workers' Compensation and Professional Liability. A copy of the endorsement must accompany the certificate. Compliance with the foregoing requirements shall not relieve the Consultant of its liability and obligations under this Contract.

Certificate Holder Address: St. Johns County, a political subdivision of the State of Florida
500 San Sebastian View
St. Augustine, FL 32084

The Consultant shall maintain during the life of this Contract, Comprehensive General Liability Insurance with minimum limits of \$1,000,000 per occurrence, \$2,000,000 aggregate to protect the Consultant from claims for damages for bodily injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this Contract, whether such operations be by the Consultant or by anyone directly employed by or contracting with the Consultant.

The Consultant shall maintain during the life of the contract, Professional Liability or Errors and Omissions Insurance with minimum limits of \$1,000,000, if applicable.

The Consultant shall maintain during the life of this Contract, Comprehensive Automobile Liability Insurance with minimum limits of \$2,000,000 combined single limit for bodily injury and property damage liability to protect the Consultant from claims for damages for bodily injury, including the ownership, use, or maintenance of owned and non-owned automobiles, including rented/hired automobiles whether such operations be by the Consultant or by anyone directly or indirectly employed by a Consultant.

The Consultant shall maintain Umbrella or Excess Liability Insurance covering workers compensation, commercial general liability and business auto liability with minimum limits of liability of \$1,000,000.

The Consultant shall maintain during the life of this Contract, adequate Workers' Compensation Insurance in at least such amounts as are required by the law for all of its employees per Florida Statute 440.02.

In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

H. INDEMNIFICATION

To the fullest extent permitted by law, the Consultant shall indemnify, defend, and hold harmless St. Johns County, Florida, and employees from and against liability, claims, damages, losses and expenses, including attorney's fees, arising out of or resulting from performance of the Work, provided that such liability, claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or injury to or destruction to tangible property (other than the Work itself) including loss of use resulting there from, but only to the extent caused in whole or in part by negligent acts or omissions of the Consultant, a Sub-Consultant, or anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such liability, claim, damage, loss or expense is caused in part by a party indemnified hereunder.

In claims against any person or entity indemnified under this Paragraph by an employee of the Consultant, a Sub-Consultant, any one directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this Paragraph shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Consultant or a Sub-Consultant under workers' compensation acts, disability benefits acts or other employee benefit acts.

I. SUB-CONSULTANTS

If the Consultant elects to sub-contract with any firm, for any portion of the work, the Consultant shall be responsible for all work performed by any sub-contract and the Consultant shall not be relieved of any obligations under this Contract.

Each Respondent shall submit a list of proposed sub-consultants to be used if awarded the contract. Each Respondent must provide a list of Sub-Consultants, under Section 3: Company & Staff Qualifications, and attach a copy of any and all licenses and certificates for each sub-consultant listed and submit with each copy of the RFQ Package. If no sub-consultants are proposed, so state there on.

At any time, the County may, at its discretion, require any Respondent to submit all relevant data required to establish to the satisfaction of the County, the reliability and responsibility of the proposed sub-consultants to furnish and perform the work proposed.

Prior to the award of the Contract, the County will notify the Respondent in writing if the County, after due investigation, has reasonable and substantial objection to any person or organization proposed as a sub-contract. The Respondent then may, at his option, withdraw his RFQ Package, or submit an acceptable substitute at no increase in price. If the Respondent fails to submit an acceptable substitute within seven (7) days of the original notification, the County then may disqualify the Respondent, at no cost to the County.

The County reserves the right to disqualify any Consultant, Sub-Consultant, Vendor, or material supplier due to previously documented project problems, either with performance or quality.

Sub-consultants and other persons and organizations proposed by the Respondent and accepted by the County, must be used on the work for which they were proposed and accepted and shall not be changed except with the written approval of the County.

J. EMPLOYMENT ELIGIBILITY AND MANDATORY USE OF E-VERIFY

As a condition precedent to entering into this Agreement, and in accordance with section 448.095, F.S., Consultant and its sub-consultants shall register with and use the E-Verify system to verify the work authorization status of all employees hired on or after January 1, 2021.

- a. Consultant shall require each of its sub-consultants to provide Consultant with an affidavit stating that the sub-consultant does not employ, contract with, or subcontract with an unauthorized alien. Consultant shall maintain a copy of such affidavit for the duration of this Agreement.
- b. The County, Consultant, or any sub-consultant who has a good faith belief that a person or entity with which it is contracting has knowingly violated section 448.09(1), F.S. or these provisions regarding employment eligibility shall terminate the contract with the person or entity.
- c. The County, upon good faith belief that a sub-consultant knowingly violated these provisions regarding employment eligibility, but Consultant otherwise complied, shall promptly notify Consultant and Consultant shall immediately terminate the contract with the sub-consultant.

- d. The County and Consultant hereby acknowledge and mutually agree that, a contract terminated pursuant to these provisions regarding employment eligibility is not a breach of contract and may not be considered as such. Any contract terminated pursuant to these provisions regarding employment eligibility may be challenged in accordance with section 448.095(2)(d), F.S.
- e. Consultant acknowledges that, in the event that the County terminates this Contract for Consultant's breach of these provisions regarding employment eligibility, then Consultant may not be awarded a public contract for at least one (1) year after such termination. Consultant further acknowledges that Consultant is liable for any additional costs incurred by the County as a result of the County's termination of this Agreement for breach of these provisions regarding employment eligibility.

Consultant shall incorporate in all subcontracts made pursuant to this Agreement the provisions contained herein regarding employment eligibility.

K. FORCE MAJEURE

If awarded on the basis of this proposal, the undersigned pledges to provide the equipment/services as specified in the Proposal and County Specifications barring any delays due to strikes, fires, transportation difficulties or other causes beyond the control of the undersigned.

PART VII: – EXHIBITS

1. The following Exhibit is provided as a separate downloadable pdf file on DemandStar:
 - Exhibit A – SR A1A and Mickler Road Intersection Analysis

PART VIII: -- ATTACHMENTS/FORMS

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

COVER PAGE

**SUBMIT ONE (1) HARD-COPY ORIGINAL PROPOSAL, AND
ONE (1) EXACT ELECTRONIC PDF COPY OF THE SUBMITTED PROPOSAL ON USB DRIVE
IN A SEALED ENVELOPE OR CONTAINER TO:**

PURCHASING DEPARTMENT
ST. JOHNS COUNTY
500 SAN SEBASTIAN VIEW
ST. AUGUSTINE, FLORIDA 32084

FULL LEGAL NAME OF COMPANY: _____

DATE: _____

Mailing Address (Street Address, City, State, Zip Code)

AUTHORIZED COMPANY REPRESENTATIVE

Printed Name & Title

Phone Number

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "A"

QUALIFICATION CERTIFICATION

The Undersigned submits this Qualification Package to be considered as a Qualified Consultant for provision of professional engineering services for SR-A1A / Mickler Road Intersection Improvements Design & Permitting.

A copy of the license(s) under which our firm is engaged in the business of contracting in the state of Florida is attached. This license was issued in accordance with provisions of Section 489.113, Florida Statutes, and is currently valid and in force.

It is further understood that qualification, if given, shall be valid for the purpose of submitting pricing for the above referenced contract, unless suspended or terminated by St. Johns County.

The Undersigned authorizes and requests any public official, engineer, architect, Surety Company, bank depository, material or equipment manufacture or distributor or any person, firm or corporation to furnish all information requested by St. Johns County, to verify statements given with this Qualification Package.

The Undersigned further authorizes the St. Johns County, FL designee to disclose, without any liability whatsoever, any and all information contained in the pre-qualification package.

The Undersigned has not been disqualified by any public agency in Florida except as indicated below. (If none, insert: "N/A")

(Full Legal Company Name)

This ____ day of _____, 20____

Attest:

APPROVED:

By: _____
Name and Title of Officer

By: _____
Name and Title of Authorized Officer

As Notarized

By: _____

(Corporate Seal)

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "B"

AFFIDAVIT OF SOLVENCY

PERTAINING TO THE SOLVENCY OF {insert entity name}, being of lawful
age and being duly sworn I, {insert affiant name}, as {insert position or
title} (ex: CEO, officer, president, duly authorized representative, etc.) hereby

certify under penalty of perjury that:

1. I have reviewed and am familiar with the financial status of above stated entity.
2. The above stated entity possesses adequate capital in relation to its business operations or any contemplated or undertaken transaction to timely pay its debts and liabilities (including, but not limited to, unliquidated liabilities, unmatured liabilities and contingent liabilities) as they become absolute and due.
3. The above stated entity has not, nor intends to, incur any debts and/or liabilities beyond its ability to timely pay such debts and/or liabilities as they become due.
4. I fully understand failure to make truthful disclosure of any fact or item of information contained herein may result in denial of the application, revocation of the Certificate of Public Necessity if granted and/or other action authorized by law.

The undersigned has executed this Affidavit of Solvency, in his/her capacity as a duly authorized representative of the above stated entity, and not individually, as of this ___ day of _____, 20__.

Signature of Affiant

STATE OF _____)

COUNTY OF _____)

Subscribed and sworn to before me this ___ day of _____, 20__, by _____
who personally appeared before me at the time of notarization, and who is personally known to me or who has produced
_____ as identification.

Notary Public

My commission expires:

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "C"

AFFIDAVIT

ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS
ST. AUGUSTINE, FLORIDA

At the time the proposal is submitted, the Respondent shall attach to his proposal a sworn statement.

The sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association or corporation submitting the proposal and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF _____ COUNTY OF _____. Before me, the undersigned authority, personally appeared _____ who, being duly sworn, deposes and says he is _____ (Title) of _____ (Firm) the respondent submitting the attached proposal for the services covered by the RFQ documents for RFQ No: 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting.

The affiant further states that no more than one proposal for the above referenced project will be submitted from the individual, his firm or corporation under the same or different name and that such respondent has no financial interest in the firm of another respondent for the same work, that neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this firm's proposal on the above described project. Furthermore, neither the firm nor any of its officers are debarred from participating in public contract lettings in any other state.

(Proposer)

By _____

(Title)

STATE OF _____)

COUNTY OF _____)

Subscribed and sworn to before me this _____ day of _____, 20____, by _____ who personally appeared before me at the time of notarization, and who is personally known to me or who has produced _____ as identification.

Notary Public

My commission expires:

VENDOR ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL.

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

St. Johns County Board of County Commissioners

ATTACHMENT "D"

CONFLICT OF INTEREST DISCLOSURE FORM

Project (RFQ) Number/Description: RFQ No 21-86; SR-A1A / Mickler Road Intersection Improvements Design & Permitting

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the Consultant's/Contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, and methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:

I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.

The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent: _____

Authorized Representative(s): _____
Signature

Print Name/Title

Signature

Print Name/Title

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

St. Johns County Board of County Commissioners

ATTACHMENT "E"

DRUG-FREE WORKPLACE FORM

The undersigned firm, in accordance with Florida Statute 287.087 hereby certifies that

_____ does:

Name of Firm

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the danger of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the contractual services that are described in St. Johns County's request for proposals a copy of the statement specified in paragraph 1.
4. In the statement specified in paragraph 1, notify the employees that, as a condition of working on the contractual services described in paragraph 3, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Florida Statute 893, as amended, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction or plea.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
6. Consistent with applicable provisions with State or Federal law, rule, or regulation, make a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1 through 5.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Signature

Date

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "F"

PROOF OF INSURANCE

Respondents shall provide certificates of insurance as part of their submittal package. Certificates of insurance shall meet or exceed the requirements as described under Insurance.

Failure to provide proof of current insurance coverage or ability to obtain the required coverages may result in being deemed non-responsive and removed from further consideration.

(Attach or insert copy of "Certificate of Insurance" here)

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "G"

LOCAL PREFERENCE

Any Respondent that meets the criteria of a Local Business, in accordance with Section 302.25 of the SJC Purchasing Procedure Manual, must complete and sign this **Attachment "G"** to indicate their qualification to receive local preference. All required documentation to demonstrate that the Respondent meets all qualification criteria as a local business must be included in the submitted proposal/submittal with this **Attachment "G"**.

In order to qualify for local preference Respondent must provide sufficient documentation to demonstrate:

- A physical, brick and mortar place of business located within the geographic boundaries of St. Johns County, with a valid mailing address, in an area zoned for the conduct of such business, from which the Vendor has operated or performed business on a day-to-day basis that is substantially similar to those specified in the solicitation for a period of at least one (1) calendar year prior to the issuance of the solicitation. No PO Boxes shall be accepted.
- Local address above must be registered as the Vendor's principal place of business with the Divisions of Corporations Florida Department of State for at least one (1) calendar year prior to the issuance of this RFP.
- Submit current and valid Local Business Tax Receipt, and must have Local Business Tax Receipts issued by the St. Johns County Tax Collector from at least one (1) calendar year prior to issuance of this RFP.
- Must qualify as a local business as shown above **AND** self-perform a minimum of fifty percent (50%) of all services under the awarded Contract, or must have a minimum of fifty percent (50%) of all services performed by qualified local businesses as sub-contractors or sub-consultants.

If qualifying for local preference through the use of qualified local sub-contractors or sub-consultants, Respondent must submit all required documentation to demonstrate the above requirements of all proposed sub-contractors and sub-consultants for local preference consideration with the submitted proposal.

Respondent **is** a Local Business as defined in Section 302.25, SJC Purchasing Procedure Manual _____

If Respondents selects this option, by signing below, Respondent certifies that the firm qualifies as a local business in accordance with the requirements stated above, OR certifies that the submitted local business proposed as sub-contractors or sub-consultants meet the requirements for local preference AND that a minimum of fifty percent (50%) of all services shall be performed by local businesses as proposed.

Respondent is **not** a Local Business as defined in Section 302.25, SJC Purchasing Procedure Manual _____

If Respondent selects this option, Respondent is not seeking consideration for local preference, and is not required to submit the documentation provided above.

Signature – Authorized Respondent Representative

Printed Name & Title

Date of Signature

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "H"

E-VERIFY AFFIDAVIT

STATE OF _____
COUNTY OF _____

I, _____ (hereinafter "Affiant"), being duly authorized by and on behalf of _____ (hereinafter "Consultant/Contractor") hereby swears or affirms as follows:

1. Consultant/Contractor understands that E-Verify, authorized by Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), is a web-based system provided by the United States Department of Homeland Security, through which employers electronically confirm the employment eligibility of their employees.
2. For the duration of Contract No. _____ (hereinafter "Agreement"), in accordance with section 448.095, F.S., Consultant/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Consultant/Contractor and shall expressly require any subcontractors performing work or providing services pursuant to the Agreement to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor.
3. Consultant/Contractor shall comply with all applicable provisions of section 448.095, F.S., and will incorporate in all subcontracts the obligation to comply with section 448.095, F.S.
4. Consultant/Contractor understands and agrees that its failure to comply with all applicable provisions of section 448.095, F.S. or its failure to ensure that all employees and subcontractors performing work under the Agreement are legally authorized to work in the United States and the State of Florida constitute a breach of the Agreement for which St. Johns County may immediately terminate the Agreement without notice and without penalty. The Consultant/Contractor further understands and agrees that in the event of such termination, Consultant/Contractor shall be liable to the St. Johns County for any costs incurred by the St. Johns County resulting from Consultant/Contractor's breach.

DATED this _____ day of _____, 20____.

Signature of Affiant

Printed Name of Affiant

Printed Title of Affiant

Full Legal Name of Consultant/Contractor

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this ____ day of _____, 20____, by _____, who is personally known to me or has produced _____ as identification.

Notary Public
My Commission Expires: _____

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "I"

SWORN STATEMENT UNDER SECTION 287.133(3)(A), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

(To be signed in the presence of notary public or other officer authorized to administer oaths.)

Before me, the undersigned Authority, personally appeared affiant _____, who, being by me first duly sworn, made the following statement:

- 1. The business address of _____ (name of Offeror or business) is _____
2. My relationship to _____ (name of Offeror or business) is _____ (relationship such as sole proprietor, partner, president, vice president).
3. I understand that a public entity crime as defined in Section 287.133 of the Florida Statutes includes 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 in Florida or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any proposal or contract for goods or services to be provided to any public entity or such an agency or political subdivision and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
4. I understand that "convicted" or "conviction" is defined by the Florida Statutes to mean 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 record 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 guilt or nolo contendere.
5. I understand that "affiliate" is defined by the Florida Statutes to mean (1) a predecessor or successor of a person or a corporation convicted of a public entity crime, or (2) 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, or (3) those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate, or (4) a person or corporation who knowingly entered into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months.
6. Neither the Offeror or consultant, nor any officer, director, executive, partner, shareholder, employee, member or agent who is active in the management of the Offeror or consultant, nor any affiliate of the Offeror or consultant has been convicted of a public entity crime subsequent to July 1, 1989. (Draw a line through paragraph 6 if paragraph 7 below applies.)
7. There has been a conviction of a public entity crime by the Offeror or consultant, or an officer, director, executive, partner, shareholder, employee, member or agent of the Offeror or consultant who is active in the management of the Offeror or consultant or an affiliate of the Offeror or consultant. A determination has been made pursuant to Section 287.133(3) by order of the Division of Administrative Hearings that it is not in the public interest for the name of the convicted person or affiliate to appear on the convicted vendor list. The name of the convicted person or affiliate is _____. A copy of the order of the Division of Administrative Hearings is attached to this statement. (Draw a line through paragraph 7 if paragraph 6 above applies.)

Name of Business _____
By: _____
Printed Name: _____
Title: _____

STATE OF _____
COUNTY OF _____

Sworn to (or affirmed) and subscribed before me this ____ day of _____, 20__, by _____, as _____ and who:

[Notary: Please select one]
is personally known to me; or
has produced _____ as identification.

Notary Public, State of _____
Printed, typed or stamped name, commission and expiration:

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "J"

CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub recipients shall certify and disclose accordingly.

Legal Name of Consultant: _____

By: _____ Date: _____

Authorized Signature: _____

Title: _____

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "K"

LICENSES, PERMITS, CERTIFICATIONS

In the space below, each Respondent shall list all current licenses and/or certifications held relative to the required services as provided herein.

Each Respondent shall attach a copy of each current license and/or certification listed below to his proposal as instructed.

License(s)/Certificate(s)/ Pre-Qualifications	License #	Issuing Agency	Expiration Date
State of Florida PE License			

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

ATTACHMENT "L"

CLAIMS, LIENS, LITIGATION HISTORY

(Complete and Submit)

1. Within the past 7 years, has your organization filed suit or a formal claim against a project owner (as a prime or subcontractor) or been sued by or had a formal claim filed by an owner, subcontractor or supplier resulting from a construction dispute? Yes _____ No _____ If yes, please attach additional sheet(s) to include:

Description of every action Captions of the Litigation or Arbitration

Amount at issue: _____ Name (s) of the attorneys representing all parties:

Amount actually recovered, if any: _____

Name(s) of the project owner(s)/manager(s) to include address and phone number:

2. List all pending litigation and or arbitration.
3. List and explain all litigation and arbitration within the past seven (7) years - pending, resolved, dismissed, etc.
4. Within the past 7 years, please list all Liens, including Federal, State and Local, which have been filed against your Company. List in detail the type of Lien, date, amount and current status of each Lien.

5. Have you ever abandoned a job, been terminated or had a performance/surety bond called to complete a job? Yes _____ No _____ If yes, please explain in detail:

6. For all claims filed against your company within the past five-(5) years, have all been resolved satisfactorily with final judgment in favor of your company within 90 days of the date the judgment became final? Yes _____ No _____ If no, please explain why?

7. List the status of all pending claims currently filed against your company:

Liquidated Damages

1. Has a project owner ever withheld retainage, issued liquidated damages or made a claim against any Performance and Payment Bonds? Yes _____ No _____ If yes, please explain in detail:

(Use additional or supplemental pages as needed)

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "M"

COMPANY ORGANIZATION CHART

(Attach or insert copy here)

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "O"

KEY PERSONNEL LIST

In the space below, list all qualified personnel who are permanent employees of the company that may be utilized to perform the required scope of services. Attach brief but comprehensive resumes for each staff member listed below.

Employee Name	Employee Title	# Years Employed	Total # Yrs. Experience

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "P"

LIST OF PROPOSED SUB-CONSULTANTS

Each Respondent shall provide any and all sub-consultants or major materials suppliers proposed to perform any portion of work specified herein. Attach Brief comprehensive resumes, including any and all licenses/certifications held. All proposed sub-consultants are subject to approval by the County.

DIVISION OF WORK

NAME AND ADDRESS OF SUB-CONSULTANTS

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "Q"

PROJECT REFERENCES

Each Respondent must submit a list of five (5) project references from individuals, firms or agencies that have contracted with the respondent in the past seven (7) years to perform services of similar size and scope as those described in this RFQ. The information required shall include: reference company name, date(s) of service, project information including name of project, and a contact person name, title, phone number and email address. References shall be checked by the Purchasing Department, for the number

1. Reference Company Name: _____
Date(s) of Service: _____
Project Information (Type of Study): _____

Primary Reference Contact Name and Title: _____
Contact Phone Number: _____
Contact Email Address: _____

2. Reference Company Name: _____
Date(s) of Service: _____
Project Information (Type of System): _____

Primary Reference Contact Name and Title: _____
Contact Phone Number: _____
Contact Email Address: _____

3. Reference Company Name: _____
Date(s) of Service: _____
Project Information (Type of System): _____

Primary Reference Contact Name and Title: _____
Contact Phone Number: _____
Contact Email Address: _____

4. Reference Company Name: _____
Date(s) of Service: _____
Project Information (Type of System): _____

Primary Reference Contact Name and Title: _____
Contact Phone Number: _____
Contact Email Address: _____

5. Reference Company Name: _____
Date(s) of Service: _____
Project Information (Type of System): _____

Primary Reference Contact Name and Title: _____
Contact Phone Number: _____
Contact Email Address: _____

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

ATTACHMENT "R"

**PROJECT STATUS REPORT
(Complete and Submit)**

- 1. Name of Project:** _____
Project Description: _____

Original Completion Date: _____ **Final Completion Date:** _____
Brief Explanation of any Schedule Variances: _____

- 2. Name of Project:** _____
Project Description: _____

Original Completion Date: _____ **Final Completion Date:** _____
Brief Explanation of any Schedule Variances: _____

- 3. Name of Project:** _____
Project Description: _____

Original Completion Date: _____ **Final Completion Date:** _____
Brief Explanation of any Schedule Variances: _____

- 4. Name of Project:** _____
Project Description: _____

Original Completion Date: _____ **Final Completion Date:** _____
Brief Explanation of any Schedule Variances: _____

- 5. Name of Project:** _____
Project Description: _____

Original Completion Date: _____ **Final Completion Date:** _____
Brief Explanation of any Schedule Variances: _____

6. **Name of Project:** _____
Project Description: _____

Original Completion Date: _____ **Final Completion Date:** _____
Brief Explanation of any Schedule Variances: _____

7. **Name of Project:** _____
Project Description: _____

Original Completion Date: _____ **Final Completion Date:** _____
Brief Explanation of any Schedule Variances: _____

(Use additional or supplemental pages as needed)

**REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION
IMPROVEMENTS DESIGN & PERMITTING**

OPTIONAL CHECKLIST


SECTION	RFQ PACKAGE COMPONENTS	CHECK BOX
Section 1	Cover Page & Cover Letter	
Section 2	Company & Staff Qualifications:	
	Attachment "K" – Licenses/Certifications	
	Attachment "L" – Claims, Liens, Litigation History	
	Attachment "M" – Company Organization Chart	
	Attachment "N" – Team Organization Chart	
	Attachment "O" – Key Personnel List	
	Attachment "P" – List of Proposed Sub-Consultants	
Section 3	Related Experience:	
	Related Experience Narrative	
	Attachment "Q" – Project References	
Section 4	Approach to Services and Methodology	
Section 5	Proposed Schedule & Availability	
	Attachment "R" – Project Status Report	
Section 6	Administrative Information – Other Required Forms:	
	Attachment "A" –Qualifications Certification Notarized	
	Attachment "B" – Affidavit of Solvency	
	Attachment "C" – St. Johns County Affidavit	
	Attachment "D" – Conflict of Interest Disclosure Form	
	Attachment "E" – Drug-Free Workplace Form	
	Attachment "F" – Certificates of Insurance	
	Attachment "G" – Local Preference Form	
	Attachment "H" – E-Verify Affidavit	
	Attachment "I" – Sworn Statement on Public Entity Crimes	
	Attachment "J" – Certification for Disclosure of Lobbying Activities	
	Copies of all Acknowledged (signed) Addenda (as posted)	

SEALED RFQ MAILING LABEL

REQUEST FOR QUALIFICATIONS (RFQ) NO: 21-86; SR-A1A / MICKLER ROAD INTERSECTION IMPROVEMENTS DESIGN & PERMITTING

Cut along the outer border and affix this label to your sealed bid envelope to identify it as a "Sealed RFQ"

SEALED RFQ • DO NOT OPEN	
SEALED RFQ#:	RFQ 21-86
RFQ TITLE:	SR-A1A / Mickler Road Intersection Improvements Design & Permitting
DUE DATE/TIME:	Thursday, May 27, 2021 No Later Than 4:00 P.M.
SUBMITTED BY:	
	Company Name
	Company Address
	Company Address
DELIVER TO:	St. Johns County Purchasing 500 San Sebastian View St St. Augustine, FL 32084



END OF DOCUMENT