14	**AGENDA ITEM** **ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS**
	Deadline for Submission - Wednesday 9 a.m. – Thirteen Days Prior to BCC Meeting

12/1/2026

BCC MEETING DATE

TO: **Joy Andrews, County Administrator** **DATE:** **November 4, 2026**

FROM: **Jaime Locklear, Director, Purchasing** **PHONE:** **904 209-0158**

SUBJECT OR TITLE: **Change Order No. 01 to Task Order No. 11 – Re-design of Solana Road at SR A1A Intersection Improvements with England, Thims & Miller, Inc. under RFQ No. 22-01; Continuing Contracts for As Needed Professional Services.**

AGENDA TYPE: **Consent Agenda, Contract, Resolution**

BACKGROUND INFORMATION:

On February 11, 2026, the County issued Task Order No. 11 to England, Thims & Miller, Inc., under RFQ No. 22-01; Continuing Contracts for As Needed Professional Services, to prepare final engineering design, surveying, geotechnical exploration and testing, permitting, and coordination with Florida Department of Transportation (FDOT) and the County for improvements to the Solana Road and SR A1A intersection. However, after community opposition to the design and FDOT subsequently providing a new design concept, the project must now be re-designed. England, Thims & Miller, Inc. submitted Change Order No. 01 to re-design of the improvements to the Solana Road and SR A1A intersection to increase the Lump Sum amount by $283,748.34. Task Order No.11 authorized payment of a lump sum amount of $499,622.68; the revised design reduces that amount by $10,513.08 and Change Order No. 01 proposes to increase the lump sum amount by $283,748.34 making the total revised lump sum amount of Task Order No. 11 to $772,857.94. The SJC Purchasing Policy requires BOCC approval for any Change Order that results in a Contract and/or Task Order previously not approved by the BOCC, to exceed a total value of $500,000 or more.Staff recommends Board approval to execute Change Order No. 01 to Task Order No. 11 to England, Thims & Miller, Inc., to complete the work as specified in accordance with the Change Order, Task Order and Master Contract.

1. IS FUNDING REQUIRED? Yes **2. IF YES, INDICATE IF BUDGETED.** Yes

IF FUNDING IS REQUIRED, MANDATORY OMB REVIEW IS REQUIRED:

INDICATE FUNDING SOURCE: Transportation Trust Fund (1111): Transportation Capital Projects-State Grant Expenditure-Intersection Improvements Solano-FDOT SR A1A Intersection Improvement (1114-54952-1663-GR-2006-00012)

SUGGESTED MOTION/RECOMMENDATION/ACTION:

Motion to adopt Resolution 2026-_____, authorizing the County Administrator, or designee, to execute and issue Change Order No. 01 to Task Order No. 11 with England, Thims & Miller, Inc. for the Re-design of Improvements to the Solana Road and SR A1A Intersection, for the lump sum amount of $772,857.94 under RFQ No. 22-01; Continuing Contracts for As Needed Professional Services, Master Contract No: 22-PSA-ENG-15892.

For Administration Use Only:
Legal: Jalisa Ferguson 11/18/2026 **OMB: LF 11/19/2026** **Admin: JDD 11/20/2026**

RESOLUTION NO. 2026 -_____

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO EXECUTE CHANGE ORDER NO. 01 TO TASK ORDER NO. 11, MASTER CONTRACT NO: 22-PSA-ENG-15892, TO ENGLAND, THIMS & MILLER, INC., UNDER RFQ NO. 22-01; CONTINUING CONTRACTS FOR AS NEEDED PROFESSIONAL SERVICES.

RECITALS

WHEREAS, On March 16, 2022, the County entered into a task order based, multi-year contract with England, Thims & Miller, Inc., under RFQ No. 22-01; Continuing Contracts for As Needed Professional Services; and

WHEREAS, On February 11, 2026, Task Order No. 11 was issued to prepare final engineering design, surveying, geotechnical exploration and testing, permitting, and coordination with Florida Department of Transportation (FDOT) and the County for improvements to the Solana Road and SR A1A intersection, in the amount of $499,622.68; and

WHEREAS, England, Thims & Miller, Inc., submitted Change Order No. 01 to reduce the original design by $10,513.08 and redesign the project to increase the lump sum amount of Task Order No. 11 by $283,748.34 for a re-design of the project after community opposition to the design and the Florida Department of Transportation subsequently providing a new design concept. Change No. 01 increases the total cost for Task Order No.11 to $772,857.94; and

WHEREAS, the SJC Purchasing Policy requires BOCC approval for any Change Order that results in a Contract and/or Task Order previously not approved by the BOCC, to exceed a total value of $500,000 or more; and

WHEREAS, the County finds that issuing the Change Order serves a public purpose; and

WHEREAS, the project will be funded by the 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. Upon approval by the Board of County Commissioners, the County Administrator, or designee, is further authorized to execute Change Order No. 01 to Task Order No. 11 in substantially the same form and format as the attached draft for the completion of the project for a lump sum amount of $772,857.94.

Section 3. 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, this ____ day of _____, 2026.

BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

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

By:_____
Ann Taylor, Chair

By: _____
Deputy Clerk

CONTRACT CHANGE ORDER NO: 01 to TASK ORDER NO. 11

RFQ No: 22-01; Continuing Contracts for As Needed Professional Services

Category 8 – Traffic Engineering Services

Master Contract No: 22-PSA-ENG-15892

Original Task Order Date: February 11, 2026

Consultant: England, Thims & Miller, Inc.
14775 Old St. Augustine Road
Jacksonville, FL 32258

Date: October 5, 2026

Project: Re-design of Solana Road at SR AIA Intersection Improvements

SCOPE OF WORK:

Change Order #01 is hereby issued to increase the Lump Sum Amount of Task Order No: 11 by two hundred seventy-three thousand two hundred thirty-five dollars and twenty-six cents ($273,235.26) for the re-design of the project after community opposition and FDOT subsequently providing a new design concept, as provided in the Consultant's proposal dated October 1, 2026, attached hereto. This new project amount includes the revised project from the original design $499,622.68 which is reduced by -$10,513.08 for a new project revised amount of $489,109.60 and the Change Order # 1 amount of $283,784.34.

PAYMENT TERMS:

Original Lump Sum Amount	$	499,622.68
Net Change by previously authorized Change Orders	$	0.00
Lump Sum Amount prior to this Change Order	$	499,622.68
Lump Sum Amount is hereby increased in the amount of	$	273,235.26
Revised Lump Sum Amount including this Change Order	$	772,857.94

SCHEDULE:

The Completion Time is hereby extended, as provided below:
Original NTP: 02/11/2026 + 354 consecutive calendar days = 01/31/2027 + 1,095 consecutive calendar days (CO #01) = 01/30/2030 Final Completion (revised).

Acceptance of this Change Order shall constitute a modification to Task Order No: 09 and shall be performed in accordance with all of the same terms and conditions of the Master Contract. The adjustment, if any, to the Master Contract shall constitute a full and final settlement of any and all claims arising out of or related to the Changes set forth herein, including claims of impact and delay costs. This Contract Change Order is not valid until signed by the County and the Consultant.

England, Thims & Miller, Inc

_____
Representative Name & Signature

_____
Title

_____
Date of Signature

St. Johns County, FL

_____
Representative Name & Signature

_____
Title

_____
Date of Signature

All terms and conditions of the above-referenced Master Contract dated March 16, 2022 remain in full force and effect. All invoices must reference Change Order #01. By approving this change order, the SJC Dept is certifying the availability of funds for this. Do not approve/process this change order until funds are available in the appropriate line item.

ENGLAND-THIMS & MILLER
14775 Old St. Augustine Road, Jacksonville, FL 32258
etminc.com | 904.642.8990

SCOPE OF SERVICES
FOR FINAL DESIGN AND PERMITTING

RFQ 22-01
CONTINUING CONTACT FOR PROFESSIONAL SERVICES

CHANGE ORDER #1
TASK 15 – TRAFFIC ENGINEERING SERVICES

SOLANA ROAD AT SR A1A INTERSECTION IMPROVEMENTS

ST. JOHNS COUNTY, FLORIDA

October 1, 2026

I. SCOPE OF THE PROJECT

This project consists of intersection improvements at Solana Road and SR A1A in Ponte Vedra Beach. The basis of design for this change order will consist of the improvements shown in Exhibit A –Conceptual Diagram prepared by the FDOT. Tasks include roadway analysis and plan preparation, drainage analysis and plan preparation, permitting, utility coordination, traffic signal design, sidewalk / path improvements, and signing and pavement marking. It is anticipated that the intersection improvements will include four overhead lane use / guide sign structures and two multi-post ground mounted signs.

This scope of services will include final engineering design, survey, geotechnical exploration and testing, SJRWMD permitting, FDOT coordination, and St. Johns County coordination / permitting.

This change order reflects the scope and fee required to re-design the project. The original design, which progressed to a 60% completion, can no longer be utilized and must be re-done. FDOT originally provided an initial concept, and ETM completed the 60% design plans, along with the survey and geotechnical work. However, during FDOT's public outreach meeting, the community expressed opposition to the proposed concept, which ultimately led FDOT to scrap the original concept.

FDOT has since provided a new concept, requiring ETM to restart the design process from scratch. The existing survey and geotechnical information will be utilized, but the design work must be completed again based on the revised concept. The following tasks describe the work required to re-design the project.

Task – Project General and Project Common Tasks

This task consists of project general / common tasks including: Contract Maintenance and Specifications Package Preparation, and the preparation of graphics and attendance for one public meeting. Specific Tasks include:

Specifications Package Preparation

This task includes the time for assembling the Specifications Package. Specifications Preparation will begin at the 100% Design Phase.

Contract Maintenance and EDMS

Includes project management efforts for complete setup and maintenance of files, electronic folders and documents, developing technical monthly progress reports, schedule updates and compilation and submittal of project documentation.

Prime Consultant Project Manager Meetings

Includes only Project Manager staff hours for phase review, progress review, miscellaneous review meetings, and other design activities meetings, including any travel time. Meetings required for other staff for each Activity are included in the meetings section for that specific Activity. As indicated in the Fee proposal.

Digital Delivery

Includes submitting applicable documents and contract plans in digital format. Electronic Delivery to the County and Permitting agencies including electronic signing and sealing of final documents by each applicable Engineer of Record.

Task - Roadway Analysis

This task consists of the design of geometrics for the project using FDOT and/or St Johns County design standards as appropriate. The design elements to be analyzed will include horizontal alignment, vertical alignments, lane widths, turn lane lengths, shoulder widths, cross slopes, cross slope correction (if necessary), lane transitions, and features of intersections. Opinions of the probable project construction cost will be submitted at the 60% and 100% design phases. Specific Tasks include:

Typical Section Package

All work required to develop and obtain approval of the typical section package according to the County. Also includes any modification received from reviews.

Pavement Design Package

Includes coordination to resolve issues related to pavement design for non-standard County design. Analysis will be performed on the viability of milling & resurfacing the existing pavement.

Master Design File Setup & Maintenance, Model Management Plan

Includes efforts required for initial setup of the horizontal/vertical master design file and maintenance of the design file throughout the life of the design. Includes creating a model management plan when necessary.

Horizontal /Vertical Master Design Files

All efforts required for establishing the master design files for the horizontal and vertical geometry, drainage structure features, utilities (including conflict location identification and adjustments), etc. This includes all work to create elements showing the alignment for both horizontal and vertical geometries in plan and profile portion of plan sheets.

Temporary Traffic Control Plan Analysis

Includes all work necessary to develop a TTCP concept, such as determining the usage of lane closures, traffic pacing, detours, diversions, lane shifts, temporary drainage, temporary signals, and pedestrian TTCP.

Master TCP Design Files

Develop master TTCP files showing each phase of the TTCP. Includes all work necessary for designing lane configurations, diversions, lane shifts, signing and pavement markings, temporary traffic control devices, and temporary pedestrian ways.

Utility Data Collection and Analysis

Includes time for EOR to collect, analyze, and coordinate utility data. Including reviewing the Utility Work Schedules and developing utility conflict information.

Roadway Quantities

Includes all work required to determine the roadway quantities preparing the supporting documentation at the 60% and 100% plan stages.

Roadway Cost Estimate

Preparing roadway cost estimates at 60% and 100% plan stages.

Field Reviews

Includes travel time for trips to field to obtain data necessary for roadway design.

Technical Meetings

Roadway Meetings with County and/or Agency staff such as pavement design meetings, local governments, etc. Excludes Project Manager hours.

Task - Roadway Plans

This task consists of the preparation of roadway plans in accordance with County standards. Plans will include:

Key Sheet
Signature Sheet
Typical Section Sheets
General Notes/Pay Item Notes
Plan Sheet
Special Detail Sheets
Soil Survey Sheet
Cross Sections
Temporary Traffic Control Notes & Phasing Sheets
Temporary Traffic Control Plan Sheets
Utility Verification Sheet (SUE Data)

Task - Drainage Analysis

This task consists of a drainage analysis of the stormwater drainage system required for the intersection improvements and roadway widening. Design work shall follow the requirements of the respective regulatory agencies.

Design of roadway ditches, cross drains, and storm drains will be required along the entire length of the project for the increased impervious area proposed. Specific Tasks include:

Existing Permit Analysis

Includes all efforts required for Existing Permit Analysis. Including desktop analysis of local, state, and federal Drainage permits. This task is specific to permit research surrounding stormwater management systems.

Temporary Drainage Analysis

Includes all efforts to perform a Temporary Drainage Analysis.

Utility Conflict Matrix (for drainage structures)

Includes all efforts for populating and coordinating the Utility Conflict Matrix for all drainage structures.

Design of Minor Cross Drains

Includes all efforts for the Design of Minor Cross Drains. All extensions and those new/replacement structures with no known scouring or flooding problems, needing minimal hydrologic effort.

Design of Ditches and Side Drains

Includes all efforts for the design of roadside and lateral ditches and side drains. Includes capacity calculations, longitudinal grade adjustments, flow changes, additional adjustments for ditch convergences, selection of suitable channel lining, design of side drain pipes, and documentation. Includes basin delineation, hydrology, and development of CADD files.

Design of Storm Drains

This task includes the design of the storm drains including curb inlets, pipes, mitered end sections, etc.

Optional Culvert Material

Provide a Culvert Service Life Estimator sheet for each drainage pipe.

Drainage Design Documentation Report

This task is for writing and developing the report. Calculations are to be included in the report, however hours to perform calculations are included in the respective analysis task.

Drainage Quantities

Includes all work required to determine the drainage quantities preparing the supporting documentation at the 60% and 100% plan stages.

Drainage Cost Estimate

Prepare cost estimates for the drainage components at 60% and 100% plan stages.

Technical Meetings

Drainage Meetings with County and/or Agency staff such as pavement design meetings, local governments, etc. Excludes Project Manager hours.

Task - Drainage Plans

This task consists of the preparation of roadway plans in accordance with County standards. Plans will include as needed:

Drainage Map
Drainage Structures

Task - Utilities

This task includes coordination of the roadway design with affected utility companies to minimize conflicts. Existing as-built utility information obtained from the utility providers will be shown on the plans. Any utility relocation design shall be the responsibility of the affected utility companies. Specific tasks include:

Kickoff Meeting

Prior to any contact with the UAOs, the Consultant shall meet with the County to receive guidance, as may be required, to assure that all necessary coordination will be accomplished in accordance with County procedures. Consultant shall bring a copy of the design project work schedule reflecting utility activities.

Identify Existing UAO(s)

Includes Research Time (office and field time) and travel time if applicable. Identify known utilities in the corridor; review prior utility permits, reports, existing plans and surveys provided. Identification shall include type, size, capacity (transmission or distribution for gas or power) and Contact Sunshine 811.

Make Utility Contacts

(First Contact) Send letters and plans to each utility, one set for the County. Request type, size, location, easements, and cost for relocation if applicable.

(Second Contact) At a minimum of 4 weeks prior to the meeting, the Consultant shall transmit two complete sets of 60% plans and the utility conflict information (if applicable) to each UAO having facilities located within the project limits, and one set to the County.

(Third Contact) Identify agreements and assemble packages. Send agreements, letters, the utility conflict information (when applicable), and two sets of plans to the UAOs including all component sets, one set for the County, one set to construction and maintenance if required. Include the design schedule.

Preliminary Utility Meeting

Includes pre-meeting preparation time + travel time + meeting duration + preparation of minutes, per meeting. The Consultant shall schedule (time and place), notify participants, and conduct a preliminary utility meeting with all affected UAO(s) for the purpose of presenting the project, review the current design schedule, evaluate the utility information collected, provide follow-up information, discuss the utility work by highway contractor option with each utility, and discuss any future design issues that may impact utilities. This is also an opportunity for the UAOs to present proposed facilities. The Consultant shall keep accurate minutes and distribute a copy to all attendees.

Individual/Field Meetings

Includes time for trips to the field to gather data for conflict resolution/utility issues and/or meetings with UAO(s). Lump sum based on pre-meeting preparation time + travel time + meeting duration + preparation of minutes, per meeting. The Consultant shall meet with each UAO as necessary throughout the project design duration to provide guidance in the interpretation of plans, review changes to the plans and schedules, optional clearing and grubbing work, and assist in the development of the UAO's plans and work schedules.

Collect and Review Plans and Data from UAO(s)

Review utility marked plans and data individually as they are received for content. Ensure information from the UAO (utility type, material and size) is sent to the designer for inclusion in the plans.

Utility Design Meeting

The Consultant shall schedule (time and place), notify participants, and conduct a Utility meeting with all affected UAOs. The Consultant shall be prepared to discuss impacts to existing trees/landscaping and proposed landscaping, drainage, traffic signalization, maintenance of traffic (construction phasing), review the current design schedule and letting date, evaluate the utility information collected, discuss with each UAO the utility work by highway contractor option, discuss any future design issues that may impact utilities, etc., to the extent that they may have an effect on existing or proposed utility facilities with particular emphasis on drainage and maintenance of traffic with each UAO.

The intent of this meeting shall be to assist the UAOs in identifying and resolving conflicts between utilities and proposed construction prior to completion of the plans, including utility adjustment details. Also to work with the UAOs to recommend potential resolution between known utility conflicts with proposed construction plans as may be deemed practical by the UAO. The Consultant shall keep accurate minutes of all meetings and distribute a copy to all attendees.

Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements

Review utility marked-up plans and work schedules as they are received for content, and coordinate review with the designer. Send color markups and schedules to the appropriate County offices for review and comment if required by the County. Coordinate with the

County for execution. Distribute Executed Final Documents. Prepare Work Order for UAO's if required by the County. Based on documentation received from the UAO, ensure resolution between UWS conflicts and the proposed construction plans/schedule.

Utility Coordination/Follow-up

This includes follow-up, interpreting plans, and assisting and the completion of the UAO's work schedule and agreements. Includes phone calls, face-to-face meetings, etc., to motivate and ensure the UAO(s) complete and return the required documents in accordance with the project schedule. Ensure the resolution of all known conflicts. This task can be applied to all phases of the project. The Consultant shall keep accurate minutes of all meetings and distribute a copy to all attendees.

Processing Utility Work by Highway Contractor

Per UAO based on minor utility work by highway contractor utility work (adjustment of manholes and valve boxes by the contractor) This includes coordination of utility design effort between the Consultant and JEA. This task does not include the utility design effort for those utilities, but rather the effort required to coordinate with JEA on placement of proposed facilities within the roadway corridor, and accommodations in the design of the roadway for adjustments to JEA facilities.

Contract Plans to UAO(s)

This includes transmittal of the contract plans as processed for bidding.

Certification/Close-Out

This includes hours for transmitting utility files (all supporting documentation) to the County and preparation of the Utility Certification Letter. The Consultant shall certify to the appropriate Department representative the following:

All utility negotiations (Full execution of each agreement, approved Utility Work Schedules, Technical Special Provisions (TSP) and Modified Special Provisions (MSP) written, etc.) have been completed with arrangements made for utility work to be undertaken and completed as required for proper coordination with the physical construction schedule.

OR

An on-site inspection was made and no utility work will be involved.

OR

Plans were sent to the Utility Companies/Agencies and no utility work is required.

Task – Permitting

This task includes environmental services along the project corridor and preparing a verification of permit exemption application. Specific Tasks include:

Preliminary Project Research

Data gathering including desktop analysis from relevant sources including PD&E studies, county, local agencies, WMD, USACE, USCG, etc. Research existing permits, conservation easement title restrictions, and SSL determination. Review any other information available from the Department and verify background data. This task includes a preliminary field review.

St. Johns River Water Management District Verification of Permit Modification

It is anticipated that the project will require an environmental resource permit modification from the SJRWMD. This task includes submitting project information to SJRWMD and coordination with District staff addressing requests for additional information.

FDOT Permitting / Coordination

This task includes submittals to the FDOT, responding to review comments, and coordination with FDOT personnel. It is anticipated that this project will be reviewed through the FDOT's Electronic Review Comment (ERC) system, which involves multiple FDOT departments and private subconsultants.

Technical Meetings

Engineering Meetings with County and/or Agency staff.

Task - Signing and Pavement Markings Analysis

This task includes the design of pavement markings and roadside signage as required for the project improvements. The design and plans shall be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), SJC and FDOT standards, as appropriate. Specific Tasks include:

Signing and Pavement Marking Reference and Master Design File

Develop master design file showing all signing and pavement markings. Includes all work necessary to create the master design file and design the signing and pavement markings.

Sign Panel Design Analysis

Establish sign layout, text sizes and run sign design software. (Based on number of proposed signs)

Signing and Pavement Markings Quantities

Includes all work required to determine the Signing and Pavement Markings quantities and preparing the supporting documentation 60% and 100% plan stages.

Signing and Pavement Markings Cost Estimate

Preparing an initial Signing and Pavement Markings cost estimate at 60% and 100% plan stages.

Task - Signing and Pavement Markings Plans

This task consists of the preparation of Signing and Pavement Markings plans in accordance with County standards. Plans will include:

General Notes/Pay Item Notes
Signing and Pavement Markings Plan Sheets
Guide Sign Worksheet(s)
Guide Sign Cross Section Sheets

Task – Traffic Signalization Analysis

This task includes the design of new traffic signal on SR A1A at Solana Road. Two proposed mast arms are anticipated at Solana Road, and three are anticipated at U-turn movement east of Solana Road. The design and plans shall be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), and SJC standards. Specific tasks include:

System Timings

Includes analyzing counts to determine proper coordination timing plans including splits, force offs, offsets and preparation of Time Space Diagrams. Report not included.

Reference and Master Signalization Design File

All efforts required per intersection for establishing the signal master design file to include reference files of topo, r/w, roadway, pavement markings, utilities files, etc. Includes the design and layout of proposed signal heads, loops, pedestrian signals, conduit, pull boxes, and service points, etc. Also includes proposed call outs, pay item numbers, loop detector chart, controller timing chart, signal/ pedestrian head details, sign details, controller notes, and signal operating plan, etc.

Reference and Master Interconnect Communication Design File

All efforts required for establishing the signal interconnect master design file to include reference files of topo, r/w, roadway, utilities files etc. Includes design and layout of proposed signal interconnect conduit, signal cabinet, pull boxes, etc. The limits of the interconnect are along SR A1A between Solana Road and the U-turn intersection to the north.

Overhead Street Name Sign Design

Includes effort to evaluate overhead street name sign, lettering, description, street block numbers, and information to develop the layout of a sign (based on hours for each sign).

Pole Elevation Analysis

Includes effort to determine pole elevations at proposed pole locations

Traffic Signal Operation Report

All effort to develop full traffic signal report.

Traffic Signal Quantities

Includes all work required to determine the Signal quantities preparing the supporting documentation at 60% and 100% plan stages.

Traffic Signal Cost Estimate

Preparing an initial Signal cost estimate at 60% and 100% plan stages.

Technical Special Provisions

Development or incorporation of a Technical Special Provision (TSP) or Modified Special Provision (MSP) for the project

Task – Traffic Signalization Plans

This task consists of the preparation of Traffic Signalization Plans in accordance with County standards. Plans will include:

General Notes/Pay Item Notes	Special Details
Signal Plan Sheets	Mast Arm Data Sheet
Interconnect Plan Sheets	TTCP Signalization Sheets

II. PROJECT REQUIREMENTS AND PROVISIONS FOR WORK

The following is a list of the required project deliverables:

PHASE REVIEW	11” x 17” Copies	Digital Copy
60% Phase Plans (FDOT Phase II)	3	1
100% Phase Plans (FDOT Phase IV)	3	1
Final Plans (Signed and Sealed)	3	1

III. TIME SCHEDULE

Within ten (10) days after the Notice-To-Proceed, the Consultant shall provide a schedule of calendar deadlines. The schedule shall be prepared in a format prescribed by the County. The work is anticipated to add an additional 1,095 days to the contract.

V. FEE SCHEDULE

Task	Original Project Amount	Revised Project Amount	Amount Remaining on Original Contract	Change Order #1 Lump Sum	Change Order #1 Hourly
Project General and Project Common Tasks	$20,087.48	$10,453.02	$8,034.99	$2,418.03	
Roadway Analysis	$99,178.91	$82,559.12	$39,671.56	$42,887.56	
Roadway Plans	$32,268.52	$29,246.74	$12,907.41	$16,339.33	
Drainage Analysis	$34,210.64	$50,830.43	$13,684.26	$37,146.17	
Drainage Plans	$10,482.31	$10,576.23	$4,192.92	$6,383.31	
Utilities	$19,195.66	$8,094.28	$7,678.26	$416.02	
Permitting	$41,011.16	$76,515.56	$16,404.46	$60,111.10	
Signing and Pavement Markings Analysis	$30,663.71	$26,656.19	$12,265.48	$14,390.71	
Signing and Pavement Marking Plans	$14,662.99	$10,576.23	$5,865.20	$4,711.03	
Signalization Analysis	$43,815.81	$36,261.36	$17,526.32	$18,735.04	
Signalization Plans	$19,735.49	$15,232.11	$7,894.20	$7,337.91	
ETM Surveying and Mapping (Lump Sum)	$64,660.00	$4,526.20	$4,526.20		
Subsurface Utility Engineering (Hourly)	$29,250.00	$29,250.00	$29,250.00		
Structural Design (Lump Sum)	$15,500.00	$15,500.00	$15,500.00		
ECS Florida, LLC	$24,900.00	$9,960.00	$9,960.00		
Subtotal Existing Tasks	$499,622.68	$416,237.47	$205,361.26	$210,876.21	
Sketch and Legal Description	$0.00	$5,860.00		$5,860.00	
Post Design Services (ETM)		$61,342.13			$61,342.13
Post Design Services (WRA)		$5,670.00			$5,670.00
Subtotal Proposed Tasks	$0.00	$72,872.13	$0.00	$5,860.00	$67,012.13
Subtotal	$499,622.68	$489,109.60	$205,361.26	$216,736.21	$67,012.13
Project Total	$499,622.68	$489,109.60	$205,361.26	**$283,748.34**	

The amounts of each above item may be shifted between items as needed, if permitted by St. Johns County.

VI. EXCLUDED ITEMS

The exclusions below are listed primarily to define the scope of this project. Should any of these services be required, a quotation to perform them will be provided.

- Roadway Lighting Design (by others)
- Water, Sewer, and / or Reuse Main Design
- Private Utility Design
- Public Involvement / Public Meetings
- Groundwater Modeling
- Contamination Assessments or Phase I ESA
- Wetland mitigation impact coordination
- USACE Permitting
- Tree Surveys
- Landscape Design
- Irrigation Design

SR A1A AND SOLANA ROAD

Exhibit A - Conceptual Diagram



Staff Hour Estimates

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Solana Road at SR A1A
County: St. Johns
FPN: N/A
FAP No.: N/A

Consultant Name: England, Thims, & Miller, Inc.
Consultant No.: 22142.15000
Date: 9/11/2026
Estimator: Landeweer

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Principal	Senior Engineer	Engineer	Sr. Eng. Designer	Eng. Designer	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		$308.02	$199.37	$123.21	$123.33	$93.92	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00			
3. Project Common and Project General Tasks	68	7	14	20	14	14	0	0	0	0	0	0	0	69	$10,453	$151.49
4. Roadway Analysis	546	55	109	164	109	109	0	0	0	0	0	0	0	546	$82,559	$151.21
5. Roadway Plans	193	19	39	58	39	39	0	0	0	0	0	0	0	194	$29,247	$150.76
6a. Drainage Analysis	337	34	67	101	67	67	0	0	0	0	0	0	0	336	$50,830	$151.28
6b. Drainage Plans	69	7	14	21	14	14	0	0	0	0	0	0	0	70	$10,576	$151.09
7. Utilities	53	5	11	16	11	11	0	0	0	0	0	0	0	54	$8,094	$149.89
8. Environmental Permits,and Env. Clearances	505	51	101	152	101	101	0	0	0	0	0	0	0	506	$76,516	$151.22
19. Signing & Pavement Marking Analysis	176	18	35	53	35	35	0	0	0	0	0	0	0	176	$26,656	$151.46
20. Signing & Pavement Marking Plans	69	7	14	21	14	14	0	0	0	0	0	0	0	70	$10,576	$151.09
21. Signalization Analysis	239	24	48	72	48	48	0	0	0	0	0	0	0	240	$36,261	$151.09
22. Signalization Plans	102	10	20	31	20	20	0	0	0	0	0	0	0	101	$15,232	$150.81
Total Staff Hours	2,357	237	472	709	472	472	0	0	0	0	0	0	0	2,362		
Total Staff Cost		$73,000.74	$94,102.64	$87,355.89	$58,211.76	$44,330.24	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$357,001.27**	**$151.14**

Check = $357,001.27

Survey Field Days by Subconsultant
4 - Person Crew:

Notes:
1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.

2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:						$357,001.27
OVERHEAD:			0%			$0.00
OPERATING MARGIN:			0%			$0.00
FCCM (Facilities Capital Cost Money):			0.00%			$0.00
EXPENSES:			0.00%			$0.00
Survey (Field - if by Prime)	0	4-person crew days @	$ -	/ day		$0.00
SUBTOTAL ESTIMATED FEE:						**$357,001.27**
Subconsultant: Sub 1						$0.00
Subconsultant: Sub 2						$0.00
Subconsultant: Sub 3						$0.00
Subconsultant: Sub 4						$0.00
Subconsultant: Sub 5						$0.00
Subconsultant: Sub 6						$0.00
Subconsultant: Sub 7						$0.00
Subconsultant: Sub 8						$0.00
Subconsultant: Sub 9						$0.00
Subconsultant: Sub 10						$0.00
Subconsultant: Sub 11						$0.00
Subconsultant: Sub 12						$0.00
SUBTOTAL ESTIMATED FEE:						**$357,001.27**
Geotechnical Field and Lab Testing						$0.00
SUBTOTAL ESTIMATED FEE:						**$357,001.27**
Optional Services						$0.00
GRAND TOTAL ESTIMATED FEE:						**$357,001.27**

Project Activity 3: General Tasks

Estimator:

Solana Road at SR A1A

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.1	Public Involvement					To be addressed by FDOT
3.1.1	Community Awareness Plan	LS	1	0	0	
3.1.2	Notifications	LS	1	0	0	
3.1.3	Preparing Mailing Lists	LS	1	0	0	
3.1.4	Median Modification Letters	LS	1	0	0	
3.1.5	Driveway Modification Letters	LS	1	0	0	
3.1.6	Newsletters	LS	1	0	0	
3.1.7	Renderings and Fly Throughs	LS	1	0	0	
3.1.8	PowerPoint Presentation	LS	1	0	0	
3.1.9	Public Meeting Preparations	LS	1	0	0	
3.1.10	Public Meeting Attendance/Followup	LS	1	0	0	
3.1.11	Other Agency Meetings	LS	1	0	0	
3.1.12	Web Site	LS	1	0	0	
3.1 Public Involvement Subtotal					**0**	
3.2	Joint Project Agreements	EA	0	0	0	Not Anticipated
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	0	0	No new hours
3.3.2	Estimated Quantities Report Preparation	Report	0	Calculated Hours	0	
		Components	0	0		

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.4	Contract Maintenance and Project Documentation	LS	1	48	48	4 hrs x 11 months + 4hrs final documentation
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	Not Anticipated
3.6	Prime Consultant Project Manager Meetings	LS	1	20	20	See listing below
3.7	Plans Update	LS	1	0	0	Not Anticipated
3.8	Post Design Services	LS	1	0	0	Not Included at this time
3.9	Digital Delivery	LS	1	0	0	No new hours
3.10	Risk Assessment Workshop	LS	1	0	0	Not Anticipated
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	Not Anticipated
3.11.1	Aeronautical Evaluation	LS	1	0	0	Not Anticipated
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	Not Anticipated
3.13	Other Project General Tasks	LS				
3.13a	ICE Analysis	LS	1	0	0	To be addressed by FDOT
3. Project Common and Project General Tasks Total					**68**	

3.6 - List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis	EA	2	2	4	Additional meetings due to re-design
Drainage	EA	2	0	0	
Selective C&G	EA	0	0	0	
Utilities	EA	6	2	12	
Environmental	EA	3	0	0	
Structures	EA	0	0	0	
Signing & Pavement Marking	EA	0	0	0	
Signalization	EA	2	2	4	
Lighting	EA	0	0	0	
Landscape Architecture	EA	0	0	0	
Survey	EA	0	0	0	
Photogrammetry	EA	0	0	0	

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
ROW & Mapping		EA	0	0	0	
Terrestrial Mobile LiDAR		EA	0	0	0	
Architecture		EA	0	0	0	
Noise Barriers		EA	0	0	0	
ITS Analysis		EA	0	0	0	
Geotechnical		EA	0	0	0	
Progress Meetings		EA	0	0	0	
Phase Reviews		EA	0	0	0	
Field Reviews		EA	0	0	0	
Total Project Manager Meetings			15		20	Total PM Meeting Hours carries to Task 3.6 above

Notes:

1. **If the hours per meeting vary in length (hours) enter the average in the hour/unit column.**
2. **Do not double count agency meetings between permitting agencies.**
3. **Project manager meetings are calculated in each discipline sheet and brought forward to Column D.**

Estimator:

4. Roadway Analysis Staff Hours

Solana Road at SR A1A
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
	What is the overall project complexity? (See Roadway Guidelines)			Upper					
4.1	Typical Section Package	Cover	1		6	0	0	6	Re-design
		Typical	0	2-Lane FS & Ramps	0	0	0	0	
		Typical	1	2-Lane C & Multi-Lane FS	8	0	0	8	Re-design
		Typical	0	LA w/ Barrier & Multi-Lane C	0	0	0	0	
4.2	Pavement Type Selection Report	Report	0		0	0	0	0	Not Anticipated; pavement will be asphalt
4.3	Pavement Design Package	Report & Assembly	1	**Mid**	32	0	0	0	No new hours
		Pavt Designs	2	Travel/Aux. Lanes	16	0	0	0	No new hours
		Pavt Designs	0	Other Roads & Shoulders	0	0	0	0	
4.4	Cross Slope Analysis (lanes and shoulders)	X-Slope Assessment	0.00	Undivided Roadway	0	0	0	0	Not anticipated
		X-Slope Assessment	0.00	Divided Roadway	0	0	0	0	Not anticipated
		Concepts for Corrections	0		0	0	0	0	Not anticipated
4.5	Safety Analysis	HSM Assessment	0		0	0	0	0	Not anticipated
		Crash Analysis	0		0	0	0	0	Not anticipated
4.6	Design Analysis	Monitor Exist. Structures	0	**Upper**	0	0	0	0	Not anticipated
		Access Management	0.00	**Upper**	0	0	0	0	Not anticipated
4.7	Operational Analysis	Roundabout	0	1x1 Roundabout	0	0	0	0	Not anticipated
		Roundabout	0	1x2 Roundabout	0	0	0	0	Not anticipated
		Roundabout	0	2x2 Roundabout	0	0	0	0	Not anticipated
4.8	Design Reports	RRR	0		0	0	0	0	Not anticipated
		Other Reports			0	0	0	0	Not anticipated
		Variation Memo	0		0	0	0	0	Not anticipated

4.9	Design Variations and Exceptions	Formal Variation	0		0	0	0	0	Not anticipated
		Design Exception	0		0	0	0	0	Not anticipated
4.10	Master Design File Setup & Maintenance, Model Management Plan	LS	1	Upper	50	0	0	50	Re-design
4.11	Horizontal /Vertical Master Design Files	Mainline	0.25	Upper	65	0	0	65	SR A1A
		Side Road & Ramps	0.10	Upper	26	0	0	26	Solana Road
		Frontage Road	0.00	Upper	0	0	0	0	
	3D Modeling Development	Mainline	0.25	Upper	33	0	0	33	SR A1A
		Side Road & Ramps	0.10	Upper	13	0	0	13	Solana Road
		Frontage Road	0.00	Upper	0	0	0	0	
		AMG Files	0	Upper	0	0	0	0	
4.12	TTCP Analysis	LS	1	Upper	100	0	0	100	Re-design
	TTCP Master Design Files	Length (Phase-Miles)	1.05	Upper	42	0	0	42	Assumed 3 phases x 0.35 miles / phase
		Pedestrian	1	Standard	32	0	0	32	
	TTCP 3D Modeling (Isolated Locations)	Locations	0		0	0	0	0	
4.13	Utility Data Collection & Analysis	LS	1	Upper	18	0	0	0	No new hours
4.14	Roadway Quantities for EQ Report	Length (Miles)	0.35	Upper	5	0	0	5	
		Interchanges Rest Areas	0		0	0	0	0	
		Validation	1	Upper	44	0	0	44	
	TTCP Quantities for EQ Report	Major Phases	0		0	0	0	0	TTCP will be a lump sum pay item
4.15	Cost Estimate	Engineer Estimate	2	Upper	28	0	0	28	
		LRE Updates	0	Upper	0	0	0	0	
4.16	Technical or Modified Special Provisions	TSPs & MSPs	0		0	0	0	0	Not anticipated
4.17	Other Roadway Tasks	Other Analysis			0	0	0	0	
Roadway Analysis Technical Subtotal					**518**	**0**	**0**	**452**	
4.18	Quality Assurance/Quality Control	LS	1	5%	26	0	0	26	
4.19	Supervision	LS	1	5%	26	0	0	26	
4.20	Roadway Meetings (listed below)	Meetings	2		4	0	0	4	
		Travel Time			0	0	0	0	
4.21	Field Reviews (listed below)	LS			20	0	0	20	
Roadway Analysis Non-Technical Subtotal					**76**	**0**	**0**	**76**	
4.22	Coordination	LS	1	3%	18	0	0	18	

4. Roadway Analysis Total	**612**	**0**	**0**	**546**	

Carries to Summary Tab

Technical Meetings	# Meetings Designer	Travel Time (Hours)	# Meetings PM	Documentation
Typical Section	0	0	0	
Pavement Design	0	0	0	
Access Management / Driveways	0	0	0	
15% Line and Grade	0	0	0	
RRR / ECAR Resolution	0	0	0	
Local Governments (cities, counties, MPO)	0	0	0	
Work Zone Traffic Control	0	0	0	
30/60/90/100% Comment Review Meetings	0	0	0	
Utility Coordination	2	0	2	
Other Meetings	0	0	0	
Subtotal Technical Meetings	**2**	**0**	**2**	
Progress Meetings (if required by FDOT)	0	0		
Phase Review Meetings	0	0		
Total Roadway Meetings	**2**	**0**		

Field Reviews	# of Staff	Site Time (per staff)	Travel Time (per staff)	Total Hours
Field Review #1	2	4	1	10
Field Review #2	0	0	0	0
Field Review #3	0	0	0	0
Field Review #4	0	0	0	0
Plans-in-hand Field Review	2	4	1	10
			Total Field Review Hours	**20**

Estimator:

5. Roadway Plans Staff Hours

Solana Road at SR A1A
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
	What is the overall project complexity? (See Roadway Guidelines)			Upper					
5.1	Key Sheet		1		4	0	0	0	No new hours
	Signature Sheet		1		2	0	0	0	No new hours
5.2	Typical Section Sheets	Typical Sections w/ CADD	0		0	0	0	0	
		Typical Sections w/o CADD	2		20	0	0	20	Re-design
		Partial Sections	0		0	0	0	0	
5.3	Cross Slope Correction Details	Pavement Segments	0		0	0	0	0	
5.4	General Notes/Pay Item Notes		1	Standard	9	0	0	0	No new hours
5.5	Model Management		0		0	0	0	0	Not anticipated
	Project Layout		0		0	0	0	0	Not anticipated
5.6	Plan View (Plan Sheets)	Sheet(s)	5	Upper	25	0	0	25	Re-design, includes additional Solana Road sheet
		Interchange	0		0	0	0	0	
		Roundabout	0		0	0	0	0	
5.7	Profile View (Plan/Profile Sheets)	Sheet(s)	0	Flush Shoulder	0	0	0	0	Plan sheets only; No profiles
		Sheet(s)	0	Curbed	0	0	0	0	
5.8	Special Profiles	Driveway Curb Return	0		0	0	0	0	
		Intersection RR Xing	0		0	0	0	0	
5.9	Sidewalk Profiles	Sheet(s)	0		0	0	0	0	
5.10	Interchange Layout Sheet	Interchange	0	Standard 2 Levels	0	0	0	0	
			0	Complex 3+ Levels	0	0	0	0	
5.11	Details	Ramp Terminal	0		0	0	0	0	
		Intersection Layout	0		0	0	0	0	

		Special	1		10	0	0	10	
5.12	Soil Survey Sheets		1		2	0	0	0	
5.13	Cross Sections		30	Upper	12	0	0	16	
5.14	Temporary Traffic Control Plan	TTC Notes	1		2	0	0	2	
		Phasing Notes & Typicals Sheet(s)	1		4	0	0	4	
		TTC Plan Sheet(s)	18	Upper	72	0	0	72	Estimated 6 sheets x 3 phases
		Critical Cross Sections	0		0	0	0	0	
		TTC Details	0		0	0	0	0	
5.15	Utility Adjustment Sheets	Sheet(s)	4	Standard	24	0	0	24	Re-design
5.16	Project Control Sheets		0		0	0	0	0	
5.17	Utility Verification Data (SUE)		1		4	0	0	0	No new hours
Roadway Plans Technical Hours Subtotal					**190**	**0**	**0**	**173**	
5.18	Quality Assurance/Quality Control	%	1	5%	10	0	0	10	
5.19	Supervision	%	1	5%	10	0	0	10	
Roadway Plans Total					**210**	**0**	**0**	**193**	

Estimator:

6a. Drainage Analysis Staff Hours

Solana Road at SR A1A
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
6a.1	Base Clearance Analysis	Locations	0		0	0	0	0	Not anticipated; widening and milling and resurfacing only
		Report	0		0	0	0	0	
6a.2	Hydroplaning Analysis	LS	0		0	0	0	0	Not anticipated
6a.3	Existing Permit Analysis	LS	1	Standard	12	0	0	12	Analysis of treatment swale
6a.4	Utility Conflict Matrix (for drainage structures)	LS	1	Standard	8	0	0	8	
6a.5	Noise Barrier Drainage Analysis	Wall Length (Miles)	0.00		0	0	0	0	Not anticipated
6a.6	Temporary Drainage Analysis	LS	1	Standard	20	0	0	20	Re-design
6a.7	Pond Siting Analysis and Report	Basins	0		0	0	0	0	Not anticipated
		Report	0		0	0	0	0	
6a.8	Analysis of Pipe Video Inspection Report	LS	0		0	0	0	0	Not included at this time
6a.9	Bridge Hydraulic Report (Canal Crossing or Ped Bridge)	Canal Xing or Ped Bridge	0		0	0	0	0	Not Anticipated
	Bridge Hydraulic Report (Main Bridge, Non-Tidal)	w/o Relief Bridges	0		0	0	0	0	Not Anticipated
		With Relief Bridges	0		0	0	0	0	
		No-Rise	0		0	0	0	0	
	Bridge Hydraulic Report (Main Bridge, Tidal)	w/o Relief Bridges	0		0	0	0	0	Not Anticipated
		With Relief Bridges	0		0	0	0	0	
		No-Rise	0		0	0	0	0	
	Wave Modeling	Wave Modeling	0		0	0	0	0	
6a.10	Design of Minor Cross Drains	Cross Drains	0	Simple	0	0	0	0	
			2	Standard	18	0	0	18	Re-design
			0	Complex	0	0	0	0	
	Design of Major Cross Drains	Cross Drains	0	Simple	0	0	0	0	Not anticipated
			0	Standard	0	0	0	0	
			0	Complex	0	0	0	0	
			0.00	Simple	0	0	0	0	

6a.11	Design of Ditches and Side Drains	Ditches (Miles)	0.50	Standard	10	0	0	10	Re-design
			0.00	Complex	0	0	0	0	
		Side Drains	4		8	0	0	8	
6a.12	Design of Stormwater Management Facility	Ponds	0	Simple	0	0	0	0	Not anticipated
			0	Standard	0	0	0	0	
			1	Complex	100	0	0	100	Modifications to existing treatment swale
		Cells	0		0	0	0	0	
6a.13	Design of Floodplain Compensation	Basins	0		0	0	0	0	Not anticipated
6a.14	Design of Storm Drains	Drainage Structures	10	Standard	35	0	0	35	
		Non-Standard Structures	0		0	0	0	0	
6a.15	Optional Culvert Material	Drainage Pipes	10		2	0	0	2	
6a.16	Design of Trench Drains	Each	0		0	0	0	0	Not anticipated
6a.17	Design of French Drain Systems	Cell	0		0	0	0	0	Not anticipated
	Evaluation of Existing French Drain Systems	Cell	0		0	0	0	0	Not anticipated
6a.18	Design of Drainage Wells	Wells	0		0	0	0	0	Not anticipated
6a.19	Stormwater Runoff Control Concept	Length (Miles)	0.00		0	0	0	0	Not anticipated
6a.20	Other Drainage Tasks	LS			0	0	0	0	Not anticipated
6a.21	Drainage Design Documentation Report	Report	1	Standard	40	0	0	40	
		Exhibits	0		0	0	0	0	
6a.22	Drainage Quantities for EQ Report	LS	1	Standard	30	0	0	30	
6a.23	Cost Estimate	Engineer Estimate	2	Standard	10	0	0	10	
		LRE Updates	0		0	0	0	0	
6a.24	Technical or Modified Special Provisions	TSPs & MSPs	0		0	0	0	0	
Drainage Analysis Technical Subtotal					**293**	**0**	**0**	**293**	
6a.25	Quality Assurance/Quality Control	LS	1	5%	15	0	0	15	
6a.26	Supervision	LS	1	5%	15	0	0	15	
6a.27	Drainage Meetings (listed below)	Meetings	2		4	0	0	4	
		Travel Time			0	0	0	0	
6a.28	Field Reviews (listed below)	LS			0	0	0	0	
Drainage Analysis Non-Technical Subtotal					**34**	**0**	**0**	**34**	
6a.29	Coordination	%	1	3%	10	0	0	10	
Drainage Analysis Total					**337**	**0**	**0**	**337**	

Carries to Summary Tab

Technical Meetings	# Meetings Designer	Travel Time (Hours)	# Meetings PM	Documentation
Base Clearance Water Elevation	0	0	0	
Pond Siting	0	0	0	
Agency	0	0	0	
Local Governments (cities, counties)	0	0	0	
FDOT Drainage	2	0	2	
Utility Coordination	0	0	0	
Other Meetings	0	0	0	
Subtotal Technical Meetings	**2**	**0**	**2**	
Progress Meetings (if required by FDOT)	0	0		
Phase Review Meetings	0	0		
Total Drainage Meetings	**2**	**0**		

Field Reviews	# of Staff	Site Time (per staff)	Travel Time (per staff)	Total Hours
Field Review #1	0	0	0	0
Field Review #2	0	0	0	0
Field Review #3	0	0	0	0
Field Review #4	0	0	0	0
Plans-in-hand Field Review	0	0	0	0
Total Field Review Hours				**0**

6b. Drainage Plans

Estimator:

6b. Drainage Plans Staff Hours

Solana Road at SR A1A
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
6b.1	Drainage Map (Including Interchanges)	Sheet(s)	1	Standard	32	0	0	0	No new hours
6b.2	Bridge Hydraulics Recommendation Sheets	Bridges	0		0	0	0	0	Not anticipated
6b.3	Drainage Structures	Drainage Structures	10		29	0	0	29	
		Details	0		0	0	0	0	
6b.4	Lateral Ditches	Ditches	0	Standard	0	0	0	0	Not anticipated
			0	Complex	0	0	0	0	
		Cross Section Alignments	0		0	0	0	0	
6b.5	Retention/Detention/Floodplain Compensation Ponds	Ponds	0	Standard	0	0	0	0	Not anticipated
			1	Complex	32	0	0	32	Treatment swale
		Cross Section Alignments	0		0	0	0	0	
Drainage Plans Technical Subtotal					**93**	**0**	**0**	**61**	
6b.6	Quality Assurance/Quality Control	%	1	5%	5	0	0	4	
6b.7	Supervision	%	1	5%	5	0	0	4	
Drainage Plans Total					**103**	**0**	**0**	**69**	

Project Activity 7: Utilities

Estimator:

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours		Comments
7.1	Utility Kickoff Meeting	LS	1	4	4	Meeting is listed below	
7.2	Identify Existing Utility Agency Owner(s)	LS	1	4	0	No New Hours	
7.3	Make Utility Contacts	LS	1	10	10		
7.4	Exception Processing	LS	1	0	0		
7.5	Preliminary Utility Meeting	LS	1	4	4	Meeting is listed below	
7.6	Individual/Field Meetings	LS	1	8	8	Meetings are listed below	
7.7	Collect and Review Plans and Data from UAO(s)	LS	1	12	12		
7.8	Subordination of Easements Coordination	LS	1	0	0	Not anticipated	
7.9	Utility Design Meeting	LS	1	4	4	Meeting is listed below	
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	1	6	6		
7.11	Utility Coordination/Followup	LS	1	5	5		
7.12	Utility Constructability Review	LS	1	0	0		
7.13	Additional Utility Services	LS	1	0	0		
7.14	Processing Utility Work by Highway Contractor (UWHC)	LS	1	6	0	No New Hours	
7.15	Contract Plans to UAO(s)	LS	1	2	0	No New Hours	

Project Activity 7: Utilities

7.16	Certification/Close-Out	LS	1	3	0	No New Hours
7.17	Other Utilities	LS	1	0	0	
				7. Utilities Total	**53**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?
Kickoff (see 7.1)	EA	1	4	4		Yes
Preliminary Meeting (see 7.5)	EA	1	4	4		
Individual UAO Meetings (see 7.6)	EA	4	2	8		Yes
Field Meetings (see 7.6)	EA	0	0	0		
Design Meeting (see 7.9)	EA	1	4	4		Yes
Other Meetings *(this is automatically added into Utilities Total (cell F27))*	EA	0	0	0		
Total Meetings				**20**	**Total Project Manager Meetings (carries to Tab 3)**	

Project Activity 8: Environmental Permits

Estimator:

Solana Road at SR A1A

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
	Environmental Permits and Environmental Clearances					
8.1	Preliminary Project Research	LS	1	0	0	40% of original contract (no new hours)
	Permits					
8.2	**Field Work**					
8.2.1	Pond Site Alternatives	per pond site	0	0	0	Not anticipated
8.2.2	Establish Wetland Jurisdictional Lines and Assessments	LS	1	0	0	Not anticipated
8.2.3	Species Surveys	LS	1	0	0	Not anticipated
8.3	Agency Verification of Wetland Data	LS	1	0	0	Not anticipated
8.4	**Complete And Submit All Required Permit Applications**					
8.4.1	Complete and Submit All Required Wetland Permit Applications	LS	1	260	260	ERP Modification for existing treatment swale
8.4.2	Complete and Submit All Required Species Permit Applications	LS	1	0	0	Not anticipated
8.5	Coordinate and Review Dredge and Fill Sketches	LS	1	0	0	Not anticipated
8.6	**Complete and Submit Documentation for Coordination and/or USCG Bridge Permit Application**					
8.6.1	Prepare and submit required documents for USCG coordination	LS	1	0	0	Not anticipated
8.6.2	Complete and submit USCG Bridge Application	LS	1	0	0	Not anticipated

Project Activity 8: Environmental Permits

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.7	Prepare Water Management District or Local Water Control District Right of Way Occupancy Permit Application	LS	1	0	0	Not anticipated
8.8	Prepare Coastal Construction Control Line (CCCL) Permit Application	LS	1	0	0	Not anticipated
8.9	Prepare USACE Section 408 Application to Alter a Civil Works Project	LS	1	0	0	Not anticipated
8.10	Compensatory Mitigation Plan	LS	1	0	0	Not anticipated
8.11	Mitigation Coordination and Meetings	LS	1	0	0	Not anticipated
8.12	Regulatory Agency Support	LS	1	0	0	Not anticipated
8.13	FDOT Permitting / Coordination	LS	1	180	180	FDOT ERC Permitting
	Environmental Clearances, Reevaluations, and Technical Support					
8.14	**Technical support to the Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)**					
8.14.1	NEPA or SEIR Reevaluation	LS	1	0	0	Not anticipated
8.14.2	Archaeological and Historical Resources	LS	1	0	0	Not anticipated
8.14.3	Section 4(f), 6(f), and ARC	LS	1	0	0	Not anticipated
8.14.4	Wetland Impact Analysis	LS	1	0	0	Not anticipated
8.14.5	Essential Fish Habitat Impact Analysis	LS	1	0	0	Not anticipated
8.14.6	Protected Species and Habitat Impact Analysis	LS	1	0	0	Not anticipated
8.15	**Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)**					
8.15.1	NEPA or SEIR Reevaluation	LS	1	0	0	Not anticipated
8.15.2	Archaeological and Historical Resources	LS	1	0	0	Not anticipated
8.15.3	Section 4(f), 6(f), and ARC	LS	1	0	0	Not anticipated
8.15.4	Wetland Impact Analysis	LS	1	0	0	Not anticipated
8.15.5	Essential Fish Habitat Impact Analysis	LS	1	0	0	Not anticipated

Project Activity 8: Environmental Permits

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.15.6	Protected Species and Habitat Impact Analysis	LS	1	0	0	Not anticipated
	Contamination Analysis					
8.16	Contamination Impact Analysis	LS	1	0	0	Not anticipated
8.17	Asbestos Survey	LS	1	0	0	Not anticipated
Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal					**440**	
8.18	Technical Meetings	LS	1	6	6	Meetings are listed below
8.19	Quality Assurance/Quality Control	LS	%	5%	22	
8.20	Supervision	LS	%	5%	22	
Environmental Permits and Environmental Clearances Nontechnical Subtotal					**50**	
8.21	Coordination	LS	%	3%	15	
8. Environmental Permits and Environmental Clearances Total					**505**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
WMD	EA	1	2	2		yes	1
NMFS	EA	0	0	0			0
USACE	EA	0	0	0			0
USCG	EA	0	0	0			0
USFWS	EA	0	0	0			0
FFWCC	EA	0	0	0			0
FDOT	EA	2	2	4		yes	2
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				**6**	**Subtotal Project Manager Meetings**		3
Progress Meetings (if required by FDOT)	EA	0	0	0	*PM attendance at Progress Meetings is manually entered on General Task 3*		- -
Phase Review Meetings	EA	0	0	0	*tendance at Phase Review Meetings is manually entered on General Task 3*		- -
Total Meetings				**6**	**Total Project Manager Meetings (carries to Tab 3)**		**3**

Carries to 8.18

Carries t

Project Activity 19: Signing and Pavement Marking Analysis

Estimator:

Solana Road at SR A1A

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1	0	0	Not anticipated
19.2	No Passing Zone Study	LS	1	0	0	Not anticipated
19.3	Signing and Pavement Marking Master Design File	LS	1	101	101	45 hrs for setup + 90 hrs * 0.35 miles + 12 hrs * 2 intersections
19.4	Multi-Post Sign Support Calculations	EA	0	0	0	Provided by WRA
19.5	Sign Panel Design Analysis	EA	6	4	24	
19.6	Sign Lighting/Electrical Calculations	EA	1	0	0	
19.7	S&PM Quantities for EQ Report	Length (Miles) Complexity Interchanges Rest Areas	0.35 Upper Range 0	Calculated Hours 18	18	
19.8	Cost Estimate	LS	1	12	12	
19.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
19.10	Other Signing and Pavement Marking	LS	1	0	0	
Signing and Pavement Marking Analysis Technical Subtotal					**155**	
19.11	Field Reviews	LS	1	0	0	
19.12	Technical Meetings	LS	1	0	0	Meetings are listed below
19.13	Quality Assurance/Quality Control	LS	%	5%	8	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	5%	8	
Signing and Pavement Marking Analysis Nontechnical Subtotal					**16**	

Project Activity 19: Signing and Pavement Marking Analysis

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
19.16	Coordination	LS	%	3%	5	
19. Signing and Pavement Marking Analysis Total					**176**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Sign Panel Design	EA	0	0	0			0
Queue Length Analysis	EA	0	0	0			0
Local Governments (cities, counties)	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				**0**		**Subtotal Project Manager Meetings**	0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		- -
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		- -
Total Meetings				**0**		**Total Project Manager Meetings (carries to Tab 3)**	**0**

Carries to 19.12

Carries to Tab 3

Estimator:

20. Signing and Pavement Marking Plans Staff Hours

Solana Road at SR A1A
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
20.1	Key Sheet		0		0	0	0	0	To be included in roadway component
	Signature Sheet		0		0	0	0	0	To be included in roadway component
20.2	General Notes/Pay Item Notes		1	Standard	9	0	0	9	
20.3	Project Layout		0		0	0	0	0	
20.4	Plan Sheet	Sheet(s)	5	Upper	30	0	0	30	
		Sig Intersection Mid-Block Xing	2		4	0	0	4	
		Interchange Roundabout	0		0	0	0	0	
		Rest Area Toll Facility	0		0	0	0	0	
20.5	Special Details	Details	0	Simple	0	0	0	0	Not anticipated
			0	Standard	0	0	0	0	
			0	Complex	0	0	0	0	
20.6	Service Point Details	Service Point	0	Simple	0	0	0	0	
			0	Standard	0	0	0	0	
20.7	Guide Sign Data	Sign Panel	6		12	0	0	12	
20.8	Cross Sections (Sign Installations)	Multi-post signs	2		6	0	0	6	
		Overhead Sign Structures	0	Standard	0	0	0	0	
			0	Complex	0	0	0	0	
S&PM Plans Technical Hours Subtotal					**61**	**0**	**0**	**61**	
20.9	Quality Assurance/Quality Control	%	1	5%	4	0	0	4	
20.10	Supervision	%	1	5%	4	0	0	4	
S&PM Plans Total					**69**	**0**	**0**	**69**	

Carries to Summary Tab

Project Activity 21: Signalization Analysis

Estimator:

Solana Road at SR A1A

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
21.1	Traffic Data Collection	LS	0	0	0	Not anticipated
21.2	Traffic Data Analysis	PI	0	0	0	Not anticipated
21.3	Signal Warrant Study	LS	0	0	0	Not anticipated
21.4	System Timings	LS	1	5	5	5 hours for the two intersections
21.5	Reference and Master Signalization Design File	PI	2	40	80	
21.6	Reference and Master Interconnect Communication Design File	LS	1	15	15	Middle range: 8 hours for setup and up to 24 hours per mile
21.7	Overhead Street Name Sign Design	EA	2	2	4	2 hours per sign
21.8	Pole Elevation Analysis	LS	1	4	4	2 hours per intersection
21.9	Traffic Signal Operation Report	LS	1	30	30	
21.10	Signalization Quantities for EQ Report	Signalized Intersections	2	Calculated Hours 28	28	Based on 20 hours for the first signalized intersection, plus 4 hours for each additional signalized intersection.
21.11	Cost Estimate	LS	1	12	12	
21.12	Technical Special Provisions and Modified Special Provisions	LS	1	16	16	
21.13	Other Signalization Analysis	LS	1	0	0	
Signalization Analysis Technical Subtotal					**194**	
21.14	Field Reviews	LS	1	12	12	2 trips x 2 people x 3 hours
21.15	Technical Meetings	LS	1	6	6	Meetings are listed below
21.16	Quality Assurance/Quality Control	LS	%	5%	10	
21.17	Independent Peer Review	LS	%	0%	0	
21.18	Supervision	LS	%	5%	10	

Project Activity 21: Signalization Analysis

Signalization Analysis Nontechnical Subtotal					**38**	
21.19	Coordination	LS	%	3%	7	
21. Signalization Analysis Total					**239**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT Traffic Operations	EA	1	2	2		Yes	1
FDOT Traffic Design	EA	0	0	0			0
Power Company (service point coordination)	EA	1	2	2			0
Maintaining Agency (cities, counties)	EA	1	2	2		Yes	1
Railroads	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				**6**	**Subtotal Project Manager Meetings**		2
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		- -
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		- -
Total Meetings				**6**	**Total Project Manager Meetings (carries to Tab 3)**		**2**

Carries to 21.15

Carries to Tab 3

Estimator:

22. Signalization Plans Staff Hours

Solana Road at SR A1A
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
What is the overall project complexity? (See Signalization Guidelines)				**Mid**					
22.1	Key Sheet		0		0	0	0	0	To be included in roadway component
	Signature Sheet		0		0	0	0	0	To be included in roadway component
22.2	General Notes/Pay Item Notes		1	Standard	9	0	0	9	
22.3	Signalization Plan Sheets	Signalized Intersections	2	Mid	8	0	0	8	
22.4	Interconnect Plan Sheets	Sheet(s)	1	Mid	4	0	0	4	
22.5	Traffic Monitoring Site	Sites (Loop Detect.)	0		0	0	0	0	
		Sites (Other Detect.)	0		0	0	0	0	
22.6	Guide Sign Data	Sign Panel	4		8	0	0	8	
22.7	Special Details	Details	0	Simple	0	0	0	0	
			5	Standard	10	0	0	10	
			0	Complex	0	0	0	0	
22.8	Service Point Details	Service Point	0	Simple	0	0	0	0	
			1	Standard	8	0	0	8	
22.9	Mast Arm / Monotube Data	Signal Arm	5	Single Mast Arm	5	0	0	5	
			0	Double Mast Arm	0	0	0	0	
22.10	Strain Pole Schedule	Span	0		0	0	0	0	
22.11	TTCP Signal	Intersections w/o ped signal	1	Mid	16	0	0	16	
		Intersections with ped signal	1	Mid	24	0	0	24	
22.12	Temporary Detection Sheet	Intersections	0		0	0	0	0	
Signalization Plans Technical Hours Subtotal					**92**	**0**	**0**	**92**	
20.13	Quality Assurance/Quality Control	%	1	5%	5	0	0	5	
20.14	Supervision	%	1	5%	5	0	0	5	
Signalization Plans Total					**102**	**0**	**0**	**102**	

Carries to Summary Tab

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Solana Road at SR A1A
County: St. Johns
FPN: N/A
FAP No.: N/A

Consultant Name: England, Thims, & Miller, Inc.
Consultant No.: 22142.15000
Date: 9/15/2026
Estimator: Landeweer

Staff Classification	Total Staff Hours	Principal	Senior Engineer	Engineer	Sr. Eng. Designer	Eng. Designer	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		$308.02	$199.37	$123.21	$123.33	$93.92	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00			
3. Project Common and Project General Tasks	406	41	81	122	81	81	0	0	0	0	0	0	0	406	$61,342	$151.09
Total Staff Hours	406	41	81	122	81	81	0	0	0	0	0	0	0	406		
Total Staff Cost		$12,505.61	$16,188.84	$15,006.98	$10,014.40	$7,626.30	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$61,342.13**	**$151.09**

Check = $61,342.13

Survey Field Days by Subconsultant	
4 - Person Crew:	

Notes:
1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.

2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:						$61,342.13
OVERHEAD:			0%			$0.00
OPERATING MARGIN:			0%			$0.00
FCCM (Facilities Capital Cost Money):			0.00%			$0.00
EXPENSES:			0.00%			$0.00
Survey (Field - if by Prime)		0	4-person crew days @	$ -	/ day	$0.00
SUBTOTAL ESTIMATED FEE:						**$61,342.13**
Subconsultant:	Sub 1					$0.00
Subconsultant:	Sub 2					$0.00
Subconsultant:	Sub 3					$0.00
Subconsultant:	Sub 4					$0.00
Subconsultant:	Sub 5					$0.00
Subconsultant:	Sub 6					$0.00
Subconsultant:	Sub 7					$0.00
Subconsultant:	Sub 8					$0.00
Subconsultant:	Sub 9					$0.00
Subconsultant:	Sub 10					$0.00
Subconsultant:	Sub 11					$0.00
Subconsultant:	Sub 12					$0.00
SUBTOTAL ESTIMATED FEE:						**$61,342.13**
Geotechnical Field and Lab Testing						$0.00
SUBTOTAL ESTIMATED FEE:						**$61,342.13**
Optional Services						$0.00
GRAND TOTAL ESTIMATED FEE:						**$61,342.13**

Project Activity 3: General Tasks - Post Design

Estimator:

Solana Road at SR A1A

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.0	Post Design Services					
3.1	Meetings (Listed Below)	EA	27		84	
3.2	Construction Assistance. Includes responses to RFI's, interpretation of construction plans and documents, and engineering solutions to changed conditions encountered in the field.	LS	1	208	208	Assume 4 hours per week over a 12 month construction schedule
3.1.3	Plan Revisions. This includes effort required to provide revised plan sheets reflecting any changes made during R/W acquisition or construction phases of a project, review proposed field changes or respond with a recommended solution to remedy particular field situations not covered by the plans and specifications.	EA	3	20	60	
3.1.4	Site Visits	EA	6	4	24	Assume 1 meeting every other month including travel time
3.1.5	Shop Drawing Review	EA	15	2	30	
3.1.6	Other.	LS	0	0	0	
3. Project Common and Project General Tasks Total					**406**	

3.6 - List of Anticiapted Meetings	Units	Meetings	Hours	Total Hours	Comments
Pre-Construction Meeting	EA	1	6	6	Include PM and EOR
Regular Construction Meetings	EA	0	0	0	
Pre-Construction CAP Meeting	EA	0	0	0	
Construction Progress Meetings	EA	26	3	78	Assume bi-monthly meetings including travel time
Total Post Design Meetings		27		84	

Notes:

1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Solana Road at SR A1A Intersection Improvements (Post Design)
County: St. Johns
FPN: N/A
FAP No.: N/A

Consultant Name: Whitman, Requardt and Associates, LLP
Consultant No.: TBD
Date: 9/11/2026
Estimator: Terry Hall

Staff Classification	Total Staff Hours From "SH Summary Firm"	Project Manager	Senior Engineer	Engineer	Engineering Intern	CADD Technician								SH By Activity	Salary Cost By Activity	Average Rate Per Task
		$270.00	$225.00	$165.00	$120.00	$120.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00			
3. Project Common and Project General Tasks	30	6	6	12	6	0	0	0	0	0	0	0	0	30	$5,670	$189.00
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
6c. Selective C&G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
8. Environmental Permits,and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
Total Staff Hours	30	6	6	12	6	0	0	0	0	0	0	0	0	30		
Total Staff Cost		$1,620.00	$1,350.00	$1,980.00	$720.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		**$5,670.00**	**$189.00**

Check = $5,670.00

SALARY RELATED COSTS:						$5,670.00
OVERHEAD:			0%			$0.00
OPERATING MARGIN:			0%			$0.00
FCCM (Facilities Capital Cost Money):			0.00%			$0.00
EXPENSES:			0.00%			$0.00
SUBTOTAL ESTIMATED FEE:						**$5,670.00**
Survey (Field)	0	4-person crew	$ -	/ day		$0.00
Geotechnical Field and Lab Testing						$0.00
SUBTOTAL ESTIMATED FEE:						**$5,670.00**
Optional Services						$0.00
GRAND TOTAL ESTIMATED FEE:						**$5,670.00**

Notes:

1. This sheet to be used by Subconsultant to calculate its fee.

Project Activity 3: General Tasks

Estimator: TTH

Solana Road at SR A1A Intersection Improvements (Post Design)
N/A

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.0	**Post Design Services**					
3.1	**Meetings** (Listed Below).	LS	0	0	0	
3.2	**Construction Assistance**. Includes responses to RFI's; interpretation of construction plans and documents; and engineering solutions to changed conditions encountered in the field.	LS	0	0	0	
3.3	**Plan Revisions**. This includes effort required to provide revised plan sheets reflecting any changes made during R/W acquisition or construction phases of a project; review proposed field changes or respond with a recommended solution to remedy particular field situations not covered by the plans and specifications	EA	0	0	0	
3.4	**Site Visits**	EA	0	0	0	
3.5	**Shop Drawing Review**	EA	5	6	30	Mast Arms = 30 hrs.
3.6	**Load Ratings**. (Projects involving bridges) For conditions when the as-built bridge was built in a modified or altered condition fro the bid documents. TBD after as-built plans or during construction.	LS	0	0	0	
3.7	**Other**. (Provide details in comments box)	LS	0	0	0	
	3. Project Common and Project General Tasks Total				**30**	

3.1 - List of Anticipated Meetings

		Meetings	Hours	Total
Pre-construction Meeting	EA	0	0	0
Regular Construction Meetings	EA	0	0	0
Pre-construction CAP attendance	EA	0	0	0
Construction Progress	EA	0	0	0
Total Post Design Meetings		0		0

Carries to 3.1

ETM ENGLAND-THIMS & MILLER

September 14, 2026

England-Thims & Miller, Inc.
c/o: Mr. Brian Landeweer, P.E.
14775 Old St. Augustine Road
Jacksonville, FL 32258
Tel: (904) 265-3206
Email: landeweerb@etminc.com

Reference: ***Solana Road at SR A1A ~ Surveying Services***
Project No: **S0026.39100**

Dear Mr. Landeweer,

Pursuant to your request, ETM Surveying & Mapping, Inc., is pleased to submit a fee proposal for surveying services for the Solana Road project in St. Johns County, Florida. Our proposed scope of services and fee schedule are as follows:

Sketch and Description
Prepare a sketch and description with supporting documents for the proposed FDOT right of way acquisition on the Solana Road project. This scope of services includes time for FDOT review and addressing any comments that may arise.

Lump Sum Fee 5,860.00

Task – Description		Hourly Fee	Lump Sum Fee
	Sketch & Description		$5,860.00
	SUBTOTAL		$5,860.00
	TOTAL FEE SUMMARY	$5,860.00	

EXPENSES

Costs such as printing, delivery service, mileage, and travel shall be invoiced at direct costs plus 15%. Fees outlined hereon are valid for a period of 90 days from the above referenced date.

ITEMS NOT INCLUDED

The exclusions below are listed primarily to define the scope of this project. Should any of these services be required, we will be pleased to provide you with a quotation to perform them.

- Excavation of Underground Facilities
- Construction Layout
- As-Built Survey
- Plat Preparation
- Mean High Water Line Survey
- Plat Processing for Recordation

- Document Processing for Recordation
- Tree Survey
- Wetland survey
- SUE
- Staking

Terms, fees, and conditions are valid for 45 days from the date of this proposal. Please indicate your agreement with this proposal by signing in the space provided below and return one copy to our office or by email.

If you should have any questions or require additional information, please contact Barry Scott, at 904.265.31110 or by email at ScottB@etmsurvey.com. Thank you for this opportunity to be of service.

Sincerely,

ETM Surveying & Mapping, Inc.(ETM-SMI)

By: 

(Signature)

Name: Barry Scott

(Printed Name)

Title: Vice President / Shareholder

England-Thims & Miller, Inc.

Billing Contact:

Billing Email:

Billing Address:

Billing Phone #:

Date:

By:

(Signature)

Name:

(Printed Name)

Title:

Attachments:
A) General Conditions