Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

City of Jacksonville, Florida

Procurement Award Form (PAF)

Part 1 – Form Type: JPAC 126.204 (a) New Award, Renewals, Waive Technical Defects, Price Increases, NTE Increases.

Goods and/or Services: Penman Road Complete Streets Project Improvements

Requested Action and Justification:

Supplier's name changed from Peters & Yaffee, Inc. to LJA Engineering, Inc. Peters & Yaffee, Inc merged with LJA Engineering, Inc. LJA is now the sole corporation. Additionally, Amendment #4 was approved to Peters and Yaffee after they were acquired by LJA Engineering. We therefore recommend:

RESCIND: Recommend approval to amend the award with Peters and Yaffee to incorporate Amendment #4, the attached scope and fee Exhibit I-J. The purpose is to provide engineering design/construction of the roadway improvements on Penman Road in Neptune Beach from Seagate Avenue to Atlantic Boulevard. Amendment #4 is for the amount of $1,081,715.21, for a new total not to exceed amount of $3,866,714.23.

RESTATE: Recommend approval to change the supplier's name from Peters and Yaffee to LJA Engineering per the attached documentation and to incorporate the attached scope and fee, Exhibits I-J, to provide engineering design/construction of the roadway improvements on Penman Rd. in Neptune Beach from Seagate Ave. to Atlantic Blvd. in the amount of $1,081,715.21, for a new total not to exceed amount of $3,866,714.23.

To be executed via formal contract amendment through the Office of General Counsel

Supplier:	LJA Engineering	**Basis of Award:**	Highest Evaluated	**BID Opening Date:**	8/18/2021

POA #:	71237-21	**PO #:**	N/A	**Change Order #:**	N/A
Solicitation #:	PDS P-11- 20	**Contract #:**	71237-21	**Contract ADM #:**	4
Term:	Project Completion	**Options:**	N/A	**Options Used:**	N/A

Federally Funded:	No	**JSEB Rec:**	Participation
Licenses Verified:	Yes	**JSEB %:**	20
Bonds Required:	No	**Bonds Waived Pursuant To:**	N/A

Fund:	32124	**Center:**	153101	**Acct:**	565051	**Proj:**	010111	**Activity:**	0000000000	$ 1,081,715.21
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$

New NTE/GMP:	$ 3,866,714.23	**Contingent Amt:**	$ 0.00	**DMP/ODPO Amt:**	$ 0.00

Using Agency/BU:	PWEN:ENGINEERING AND CONSTRUCTION MANAGEMENT		
Concurrence:	Signed by: Scott Carter, P.E. 20991F9ADFC947E...	**Title:**	CHIEF OF ENGINEERING CONSTRUCTION MANAGEMENT 3/31/2026
Concurrence:	1EFA223D5D23487...	**Title:**	DIRECTOR OF PUBLIC WORKS 4/10/2026
Concurrence:		**Title:**	
Concurrence:		**Title:**	

Initial DT
Initial DT

Procurement Analyst/Buyer:	Signed by: Kemp, Benjamin 4C8860FACE2449C...	**Chief of Procurement:**	Signed by: 4/21/2026
Name:	Kemp, Benjamin	**Name:**	B10F1D517352456... Dustin L. Freeman

Part 2 – JPAC Action: All award actions subject to lawfully appropriated funds.		**Part 3 – Final Awarding Authority Action:**	
Members who approve:		**Action:**	
Members who disapprove:		**Signature:**	
Date:		**Date:**	

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

PAF Instructions
Part 1 (using agency)

Form Type: This form will be used for both Administrative Awards and JPAC Requests. Select type from dropdown options.

Goods and/or Services: Enter a brief description of the types of goods and services included in the request.

Requested Action and Justification: Enter a brief description of the requested action or authority being sought. i.e.; *Request permission to award the lowest, responsive responsible bidder for an ITB or award the highest ranked supplier for an RFP.* This block should also be used for additional information such as additional 4th account strings, or other information essential for contract execution.

Supplier: Enter awarded supplier name**.** If multiple, include in "Requested Action and Justification" box.

Basis of Award: Select from Lowest Price Technical Acceptable (LPTA), Highest Price Technical Acceptable (HPTA) or N/A.

Bid Opening Date: The date bids were unsealed by Procurement.

POA #: This is your 1Cloud generated Agreement number. Select Type, Enter Number.

PO #: Enter the PO number or agreement release number.

Change Order #: Provide the applicable change order number represented by this request.

Solicitation #: Select Prefix type, Enter Number, and Year.

Contract #: This number should be the same as your POA number (unless procured prior to 2020)

Contract Amendment #: Provide the applicable amendment number represented by this request.

Term: Select the Period of Performance or Term for the initial period.

Options: Period of time for each renewal or option.

Options Used: Prior to this request, enter how many options were already used.

Federally Funded: Select yes or no from dropdown if Federal Funds will be used.

JSEB Rec: Select Encouragement or JSEB Set Aside Option.

JESB %: If JSEB Participation, enter the percentage.

Bonds Waived Pursuant to: Select option from Drop down.

Funding Sources: Fund/Center/Account/Project/Activity, all fields are required even if zeros.

New NTE/GMP: Enter the new total not to exceed amount. Note, this should match the contract maximum indebtedness, if applicable**.**

Contingent Amount: If your agency requests an allowance for unforeseen additional expenses, then specify the amount of your requested increase and new NTE that represents the contingency allowance. This is over and above any quote.

DMP/ODPO Account: Enter the Direct Materials Purchase/Owner Direct Purchase Order Account. Used mainly for CIP (Capital Improvement/Construction) Projects

Using Agency/BU: Select one from the dropdown list.

Concurrence: Using Agency internal routing requirements for Electronic Signatures (follow Proc Manual for threshold requirements)

Title: Title of person electronically signing form.

Attachments: Included any supplemental information to the Procurement Award Form. i.e.; *Scope of work, previous awards*.

**Any field where there is no data available, or no entry is required, either leave it blank or enter N/A. Any fields where there is known data, include for informational purposes. Any changes to an original award should contain the data that is being changed and any other relevant data required for JPAC review and approval.*

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

APPROVED

Michael Derbaum
2/25/26

EXHIBIT "A"

SCOPE OF SERVICES
January 14, 2026

PROFESSIONAL DESIGN SERVICES FOR
PENMAN ROAD IMPROVEMENTS PHASE 4 – JACKSONVILLE BEACH (FROM BEACH BLVD TO SEAGATE AVE)
RFP NO. P-11-20
CITY OF JACKSONVILLE, FLORIDA

I. PROJECT DESCRIPTION

A. The purpose of this scope of services is to provide engineering design, permitting and all other professional services for the bidding and construction of roadway improvements on Penman Road in Jacksonville Beach (from Beach Boulevard to Seagate Avenue).

B. The project length is approximately 7,075 feet and the limits are as follows:

The project will begin at the intersection of Beach Boulevard to Seagate Avenue along Penman Road. The project is intended to improve Penman Road within the project limits and will also include the following improvements: Pavement improvements (milling and resurfacing, side streets improvements, sidewalks improvements, drainage improvements adding midblock crossing, roadway and intersection lighting, landscape improvements and shared use path within the project limits (eastside of Penman Road).

C. The scope of this project is based on recommendations included in the Request for Proposals (RFP) P-11-20 for Professional Engineering Services for Penman Road Complete Streets Project from Beach Boulevard to Atlantic Boulevard dated April 2020 and the result of the Penman Road Traffic Study. Services required in providing construction plans include:

- Survey
- Subsurface Utility Exploration (SUE)
- Geotechnical
- Environmental/Permitting/Contamination
- Roadway Design
- Drainage Design
- Landscape Architecture
- Signing and Pavement Marking Design
- Lighting Design
- Signalization
- Maintenance of Traffic
- Utility Coordination
- Public Involvement

Roadway Design: Provide a single roundabout design for the intersection of Penman Road at 4th Avenue, 15th Avenue, Arden Way and Seagate Avenue. Pavement rehabilitation will also be included and will provide milling and resurfacing, widening and shoulder

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

improvements. Mid-Block crossings will also be provided within the project limits. Improvements to existing residential and commercial driveways, sidewalks, shared use path and side streets within the project limits will also be a part of this project.

Drainage: Ditch Conveyance System to be replaced and redesigned as a closed pipe system as required for the Penman Road Improvements project as applicable. Will coordinate with the City of Jacksonville Beach for any additional drainage deficiencies within these project limits.

Landscape Architecture: Landscape Design and Tree Mitigation analysis will be included. Plans to be provided based on the impact of the roadway improvements within the project limits.

Signing and Pavement Marking Design: Provide pavement markings within the pavement improvement areas, sign replacements impacted due to roadway improvements and proposed signing and pavement markings at the mid-block crossings.

Lighting Design: To include review of existing intersection lighting withing the project limits and to provide additional lighting for pedestrian crossings within the project limits. Coordinate with the maintaining agency for lighting preferences and equipment. Add lighting at the intersection of Penman Road along the roadway corridor within the project limits.

Signalization Design: To include review of existing signalization within the project limits and to provide additional signalization for pedestrian crossings within the project limits. Coordinate with the maintaining agency for signalization preferences at the mid-block crossings. Provide modifications to the signal at Penman Road and Beach Boulevard as needed to address the proposed lane configurations.

Maintenance of Traffic: Temporary Maintenance of Traffic Plans will be provided to address movement of vehicles, pedestrians and bicyclists within the project limits during construction.

Utility Coordination: To include efforts needed to address utility conflicts and resolution which will include collection and review of existing utilities, utility design coordination with UAOs, providing a utility conflict matrix, utility work schedules and final utility close-out.

Public Involvement: To include set-up, attendance at the public meetings and preparation of a meeting summary. The summary includes a copy of all slides, boards, handouts, completed sign-in sheets and completed comment forms. Task to include follow-up with public meeting comments and responses.

D. The Consultant will prepare for inclusion with City's Contract Documents detailed construction drawings and specifications to show the work to be constructed. Project design/plans/submittal review phases will include: 60%, 90%, 100% and Final Plans submittals.

Consultant will advise City of any adjustment of the opinion of probable construction cost estimates for the project caused by changes in scope, design requirements, and construction unit costs, and furnish a revised opinion of probable construction cost estimates for the project.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Consultant will assist City to prepare bid documents and evaluate bids submitted including compliance with specifications, costs, and ability of the bidder to perform the work and any other substantial factors.

II. PROJECT TASK REQUIREMENTS

A. Task 1 – Preliminary Engineering Services

Preliminary engineering services will include necessary analysis and design support services to facilitate final design of the project. This task will include the field review(s), survey, subsurface utility engineering (SUE), geotechnical investigation, environmental services and utility coordination.

Task 1.1 Design Survey

The Consultant will provide a topographic 3D survey and right-of-way of the project limits to include enough information to prepare design plans for bidding and construction purposes. Tasks include:

- Prepare a topographic 3D survey for design purposes of Penman Road at the proposed pedestrian bridge. The survey will combine laser scanning and conventional survey to populate the DTM. The survey will extend from the Penman Road existing right of way 50 feet and along the canal water way right of way lines 50 feet and will be referenced to NAD83/2011 horizontal datum and the NAVD88 vertical datum.
- The survey will include existing features including existing CBC, driveways, water meters, valve covers, mailboxes, the two exposed utilities on the east side including elevation and pipe size, existing sheet pile walls, existing riprap, the driveway at the south end, pipe near south end of proposed pedestrian bridge. Up to a total of six channel cross sections upstream and downstream of the CBC as coordinated with bridge hydraulics engineer.
- A topographic 3D survey for design purposes. The surveyed data will be referenced to NAD83/2011 horizontal datum and NAVD88 vertical datum.
- A right of way control survey to accurately determine and place the right of way. This effort will include the survey of subdivisions adjoining the project corridor, research of plats and right-of-way maps available in the Public Records of Duval County.
- 3D survey information for all drainage structures within the limits of the project will be included in the survey. Pipe sizes, types and inverts will be obtained based on Exhibit A-1 through A-6.

The deliverables will consist of digital data (CADD) files of the survey data in a format suitable for civil engineering design and a signed and sealed topographic survey.

Task 1.2 SUE Services

The Consultant will provide subsurface utility engineering services for the project described in Section I. Perform Quality Level A locates after 60% Plans approval. The underground utility designation will be surveyed and incorporated into the digital file and signed and

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

sealed survey from Task 1.1. Provide subsurface utility engineering services for the project described above.

Task 1.3 Legal Descriptions and Sketches

Prepare a sketch and legal description of three TCE Parcels as provided by the Engineer of Record that complies with Florida's Board of Professional Surveyors and Mappers Standards of Practice of Chapter 5J-17, Florida Administrative Code, pursuant to Chapter 472, Florida Statutes. The delivery shall consist of a signed and sealed pdf for each TCE parcel mapped.

Task 1.4 Geotechnical Investigation

The Consultant will provide geotechnical investigation of the project limits to include sufficient information to prepare design plans for construction purposes. Tasks will include:

- SPT Borings (53) for the Penman Road widening on both sides of the roadway will be performed to aid in design of the roadway widening, sidewalk, and shared use path per the FDOT Soils & Foundations Handbook.
- Auger borings (5) with Pavement Cores (4) will be performed at locations to aid in pavement design within the project limits and for Penman Road in Jacksonville Beach from Beach Boulevard to Seagate Avenue per the FDOT Soils & Foundations Handbook.
- Limerock Bearing Ratio (LBR) will be performed on bulk samples collected along seven locations on Penman Road within the project limits per the FDOT Soils & Foundations Handbook.
- Recovery and description of soil samples. Field logs and samples will be delivered to the laboratory, where the logs will be reviewed, and the samples will be classified by a geotechnical engineer in general accordance with ASTM D2488. The asphalt surface course samples from the pavement cores will be returned to the laboratory to confirm the asphalt thickness.
- Laboratory classification, soil index tests, and corrosion series testing will be performed in general accordance with ASTM and/or Florida Method (FM) procedures for each applicable test as necessary on selected soil samples to confirm the soil and/or environmental classification and provide engineering characteristics to estimate compressibility. The LBR tests will be performed in general accordance with the FM test method 5-515.

A geotechnical engineer, licensed in the State of Florida, will direct geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction and general description of the project
- A boring location plan detailing the location of each boring and type of equipment used
- Field exploration procedures and soil sampling methods used

- Graphical representation in profile view of our boring logs and stratification which will detail the number of borings performed, description and thickness of each soil layer, any fluid loss(es) during drilling, and SPT-N values at each sample interval
- The laboratory test procedures performed, and the results obtained
- Design LBR using the Mean & 90% Methods
- Roadway Soil Survey Sheet
- Signed and sealed boring sheets for the project plans.

Task 1.5 Environmental Services

The Consultant will provide coordination for wetland delineation investigation within the project limits to include sufficient information to prepare design plans for construction purposes. Tasks will include:

- Consultant will delineate (as needed) the on-site jurisdictional wetlands pursuant to the current regulations and guidance of the St. Johns River Water Management District (SJRWMD), Florida Department of Environmental Protections (FDEP), and the U.S. Army Corps of Engineers (USACE).

State Environmental Resource Permitting, Chapter 62-330, F.A.C.

- Consultant will prepare all necessary documentation and graphics required for submittal of the permit application to SJRWMD. This task includes assisting with permit application preparation, mitigation plan preparation, conservation easement and mitigation bank coordination (as needed), responses to agency Requests for Additional Information, and attendance at meetings with the regulatory agency as needed.

Contamination

- Consultant to review and prepare report on contamination.

Task 1.6 Utility Services

Utility Coordination

- Locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. Every attempt to minimize the need for maintenance of traffic operations will be made, except for signs and cones, as required. It should be noted that the presence of overhead and below grade utilities may require that the borings be offset a minimal distance away from the actual structure location(s).

B. Task 2 – Construction Plans

Consultant will prepare construction plans in accordance with latest editions of the FDOT Standard Specifications for Road and Bridge Construction, Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook), City Standard Specifications and Details and Land Development Procedures Manual, and regulations and policies of applicable permitting agencies.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Task 2.1 – 60% Plans Submittal
The Consultant will prepare 60% construction plans. The plans will include sufficient information and detail to demonstrate the overall design intent. The index of plans for this phase submittal will include: (Some sheets maybe be eliminated or modified by combining information on other sheets).

- Cover/Key Sheet
- Signature Sheet
- Typical Section/Details
- Roadway Plans
- Cross Sections
- Drainage Plans
- Signing and Pavement Marking Plans
- Signalization Plans
- Lighting Plans
- Landscape / Tree Mitigation Plans
- Estimate of Probable Construction Cost

Task 2.2 – 90% Plans Submittal
The Consultant will prepare 90% construction which will incorporate any changes, refinements, or modifications necessary following COJ review of the previous submittal. In addition to the sheets submitted as part of the 60% Plans, the following sheets and/or information will be included in this submittal.

- General Notes
- Survey Reference Points
- Miscellaneous Drainage Details
- Drainage Structures
- Traffic Control Plans
- Utility Adjustment Sheets (Limited to showing adjustments provided by UAOs, does not include design of adjustments for UAOs)
- Sedimentation and Erosion Control Plans
- Tabulation of Quantities
- Estimate of Probable Construction Cost
- Utility Location Plan
- Draft Specifications (Section 31)

Task 2.3 – 100% Plans Submittal
The Consultant will prepare 100% construction plans which will incorporate any changes, refinements, or modifications necessary following COJ review of the previous submittal. The index of plans for this phase submittal will be identified in Task 2.1 and 2.2 and/or as may be modified per Consultant discretion. Additionally, the following will be submitted with this submittal.

- Cost Estimate
- Specifications/Bid Package Documents

Task 2.4 – Final Plans Submittal
Consultant will prepare Final construction plans. The Final construction plans will be based on the comments received from City review of the 100% plans in Task 2.3. A final opinion of probable construction costs will be provided with this submittal. The index of plans for this phase submittal will be identified in Task 2.1 and 2.2 and/or as may be modified per Consultant discretion.

Upon request from the City, Consultant will provide all CADD files and subconsultant documents developed for the project including signed and sealed plans and survey and geotechnical reports.

III. PROJECT SUBMITTAL REQUIREMENTS

Project submittal requirements will be as included under previous Section II of this scope of services and as supplemented following:

A. Utility Coordination. Consultant will coordinate and provide project design intent plans at the earliest time possible to assist utility agency owners (UAOs) in locating their facilities for the purpose of identifying and resolving conflicts with the proposed design/construction. Consultant will also provide efforts needed to address utility conflicts and resolution which will include collection and review of existing utilities, utility design coordination with UAOs, providing a utility conflict matrix, utility work schedules and final utility close-out.

B. Final Design (60%, 90%, 100% and Final). For 60%, 90% and 100% submittals, Consultant will provide one (1) set in Electronic Format (pdf) to City Project. For the Final submittal, Consultant will provide one (1) set Electronic Format (pdf) signed and sealed to the City Project Manager.

C. Opinion of Probable Construction Cost Estimates. Provide one (1) copy (pdf) to City Project Manager for review and comment. These estimates will be provided with the 60%, 90%, 100% and Final submittals.

D. Design Reviews. Consultant will allow a 20-workday review time by City for the plans submittal and, if requested by City, will attend a review conference and prepare meeting minutes documenting same. In addition, if directed by City, a complete review may be held at the project site. Consultant will allow 35 workdays review time for the 90% submittal to include City Development Services Group (CDSG) Review. Any changes, refinements, or modifications developed in each review will be incorporated into the design or otherwise disposed of before proceeding to follow-on design work. City will provide consolidated plans markups and/or written comments for each submittal, which will be returned with the next follow-up submittal showing Consultant's response to City comments.

E. As-Built Drawings. Not required to be provided by Consultant. City will coordinate with selected construction contractor to provide as-built drawings and all related document requirements.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

IV. OTHER PROJECT REQUIREMENTS / CLARIFICATIONS

A. City will provide Consultant with available right-of-way information/data along the corridor to supplement that obtained by the project proposed survey services as indicated in Task 1.1.

B. Consultant will provide dialogue with City Right-of-Way and Stormwater Maintenance Division, Traffic Engineering Division, Engineering Division, and JEA Water & Sewer Business Unit as appropriate.

C. Consultant will provide dialogue with affected utility agencies as appropriate.

D. Plans will be submitted electronically by Consultant to UAOs, as noted above, with intent UAOs will promptly and accurately provide location of their respective facilities within the project limits.

E. Underground utilities are anticipated to be located by respective UAOs that may be impacted and will be marked on the surface by a representative of the UAO. Existing as-built information will be incorporated and field-verified as necessary. All pertinent vertical information on pipe, inverts, conduits, etc., will be obtained where possible. Should additional verification of subsurface utilities requiring excavation be necessary, soft-dig (VVH) services will be performed to locate and determine the elevation of existing underground utilities that may conflict with the proposed improvements. All conflicts will be coordinated with the UAO's. As needed, a conflict matrix and Utility Work Schedules will be executed for any relocations and or utility protections. Costs for soft-dig (VVH) services are included in the reimbursable portion of the Contract Fee Summary included herewith.

F. Trees are anticipated to be impacted as part of the project. The City will mitigate accordingly per City tree ordinance criteria.

G. Plans will be standard half-scale 11"x17" paper for all submittals. Additionally, Consultant will submit all drawings in electronic form using a standard .dgn and/or .pdf format if requested by the City at the completion of the project.

H. Specifications will be on standard 8½" x 11" paper.

I. City will be the Owner of the final documents.

J. Consultant will take notes of all design/review meetings held with City agencies. These notes shall be transcribed and furnished to City Project Manager for concurrence as soon as practical after the date of the meeting.
Consultant will be required to attend or participate in any public information meetings that may be held or conducted by City.

K. Consultant will assist City concerning interpretation of the intent of the contract documents during the bidding/negotiation period by answering bidder inquiries and preparing required addenda. This will include shop drawing review.

L. Consultant will provide post-design services as requested by the City.

M. Consultant will work directly with City Project Manager as the sole point of contact regarding this project.

N. City Project Manager will notify Consultant in writing regarding changes to the project that will require modification to this scope of services.

V. ESTIMATED TIME SCHEDULE

The full project schedule will be determined after NTP.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

VI. PROGRESS REPORTING

Consultant will provide a monthly project progress status report to City as part of each monthly invoice submittal. In the event of unforeseen delays, Consultant will attempt to mitigate these delays and report on actions taken to maintain the original schedule. Any changes made to the schedule will be explained. Significant activities for the past month and projected activities for the next month will be highlighted in the progress status report.

VII. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and a Notice to Proceed is issued that specifically authorizes such work.

Exhibit J

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Penman Road Improvements - Phase 4 (Jacksonville Beach)	**2. Proposal Number** COJ P-11-20
3. Name of Consultant Peters and Yaffee, Inc.	**4. Date of Proposal** 1/14/2026

PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Enigneer	$ 100.00	133	$ 13,300.00	
Chief Engineer	$ 77.38	355	$ 27,469.90	
Senior Engineer	$ 59.32	797	$ 47,278.04	
Project Engineer	$ 48.50	1113	$ 53,980.50	
Senior Designer	$ 35.07	821	$ 28,792.47	
Engineering Intren	$ 35.31	730	$ 25,776.30	
Engineering Technician	$ 33.18	490	$ 16,258.20	
TOTAL DIRECT LABOR	$47.95	4439		$ 212,855.41
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 175 % x Total Direct Labor				$ 372,496.97
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 585,352.38
8. PROFIT: Labor Related Costs (Item 7) x 10%				$ 58,535.24

PART III - OTHER COSTS		
9. Miscellaneous Reimbursable Costs		
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
ETM - Drainage/Landscaping Design	$ 223,270.84	
SUB-CONTRACT SUB-TOTAL		$ 223,270.84
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 867,158.46
11. REIMBURSABLE COSTS (Limiting Amount)		
ETM -Survey/SUE	$ 131,859.11	
MAE - Geotechnical	$ 82,697.64	
SUB-TOTAL REIMBURSABLES		$ 214,556.75

PART IV - SUMMARY	
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 1,081,715.21**
12. PRIOR CONTRACT AMOUNT (Through Amendment #3)	**$ 2,784,999.02**
AMENDED AMOUNT OF CONTRACT	**$ 3,866,714.23**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Exhibit J

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 13, 2025

Dow Peters, III, President
PETERS AND YAFFEE, INC.
9822 Tapestry Park Circle
Suite 205
Jacksonville, FL 32246

Dear Mr. Peters:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

3.1 - Minor Highway Design
3.2 - Major Highway Design

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing
6.3.1 - Intelligent Transportation Systems Analysis and Design

7.1 - Signing, Pavement Marking and Channelization
7.2 - Lighting
7.3 - Signalization

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026, for contracting purposes.

Approved Rates

Home Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Published Fee Schedule
191.86%	0.341%	Reimbursed	0.33%	No

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT.PSPrequalification@dot.state.fl.us.

Sincerely,

Philip Pitts
Professional Services Qualification Administrator
PP/DH

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Scope of Services

Penman Road Complete Streets – Beach Blvd to Seagate Ave

England-Thims & Miller Inc.

August 13, 2025

Project Description

This project is for the complete design and preparation of final construction plans of Penman Road from Beach Blvd to Seagate Ave, a length of approximately 1.35 miles. The project team is already under contract to provide complete design and construction plans for a portion of Penman Road from Coral Way (south) to Coral Way (north). This design will be incorporated into the final construction plans for the project limits under this scope of services. Project improvements include a trail along the east right of way, roundabouts at 4th Ave N, 8th Ave N, 12th Ave N, 15th Ave N (under previous contract), and Arden Way/Seagate Ave (double teardrop), and median and turn lane improvements just north of Beach Blvd.

It is assumed this project will be exempt from stormwater treatment for Environmental Resource Permitting with St. Johns River Water Management District. A FDOT drainage permit will be necessary for improvements at Beach Blvd. There will be no 404 permitting with US Army Corps of Engineers. The ditch along the east side of the road will need to be piped due to the addition of the trail.

Post Design services, such as reviewing shop drawings or responding to contractor requests for additional information, are excluded from this scope of services.

Task - Drainage Analysis

This task consists of a drainage analysis of the stormwater drainage system required for the proposed roadway improvements. Design work shall follow the requirements of the respective regulatory agencies. The objective is to design a stormwater collection and conveyance system for the roadway improvements.

It is anticipated that the proposed roadway improvements will be exempt from stormwater treatment with St. Johns River Water Management District. Pond site alternatives will not be evaluated with this effort. This task includes coordinating permitting requirements with St. Johns River Water Management District staff.

The design of storm drains will be required along portions of the project where improvements impact existing ditches and where ditches must be regraded to meet roadside safety criteria.

Specific Tasks include:

<u>Design of Storm Drains</u>

This task includes the design of the storm drain system anticipated for the project.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

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 Cost Estimate

Prepare cost estimates for the drainage components at 30%, 60%, 90% and Final plan stages.

Field Reviews

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

Technical Meetings

Drainage Meetings with City and/or Agency staff such as design criteria meetings, local government concerns, and regulatory agency coordination.

Bidding Assistance

Providing assistance in preparing construction bid package and responding to bidder's questions during the bid period.

Tasks not included:

Pond Siting Analysis
Stormwater Treatment Alternatives Analysis
Investigations of Underground Storage
Investigations of Offsite Drainage Improvements

Task - Drainage Plans

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

Drainage Map
Drainage Structures
Erosion Control Plan
SWPPP

Task – Permitting (SJRWMD, FDOT)

This task includes regulatory permitting services as they relate to stormwater along the project corridor and providing assistance with an exemption to State Environmental Resource Permitting. This task may involve coordination with project's environmental sub-consultant to respond to environmental questions or requirements. A FDOT Drainage Permit is also anticipated for improvements at Beach Blvd.; a FDOT Access/Driveway Permit may also be required for roadway improvements, but is not included in this scope. 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. Review any other information available from the County or St. Johns River Water Management District and verify background data. This task includes a preliminary field review.

Complete and Submit SJRWMD Verification of Exemption

Includes completion of application, relevant minor attachments and cover letter with project description as well as completion of applicable forms as required. Includes response to agency Requests for Additional Information (RAIs), including necessary revisions to applicable attachments. It is anticipated that the proposed roadway improvements will be exempt from stormwater treatment.

FDOT Drainage Permitting

Includes pre-application meeting with local FDOT permitting office, submitting FDOT Drainage permit for connection to Beach Blvd., to be processed through FDOT's One Stop Permitting (OSP) module, and addressing comments to obtain approval.

Technical Meetings

Engineering Meetings with City and/or Agency staff.

Tasks not included:

Permit Fees
Application for FDOT Access/Driveway Permit

Task – Landscape Analysis

This task consists of a landscape design for proposed raised medians and roundabouts. Tree mitigation will also be included in this task based on City of Jacksonville Beach requirements. Temporary or permanent irrigation may be designed as necessary based on approved landscaping.

A preliminary planting plan will be created for cost estimation and presentation graphics for the public. Anticipated presentation graphics include 2D embellishments of plan view for a roll plot or presentation slides and color rendering of two typical sections. This task does not include any 3D renderings or animated video presentations.

Other services included in this task include providing Bidding Assistance. This involves assistance in preparing construction bid package and responding to bidder's questions during the bid period.

This task does not include landscaping or hardscaping for improvements at site of any underground stormwater storage.

Task - Landscape Plans

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

Tree Mitigation
Landscape Plan
Planting Standards & Details
Irrigation Plan (as needed)

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

Exhibit J

PART I - GENERAL

1. Project Penman Road from Beach Blvd to Seagate Ave Final Design	**2. Proposal Number**
3. Name of Consultant England-Thims and Miller	**4. Date of Proposal** 8/13/2025

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 100.00	2	$ 200.00	
Chief Engineer	$ 83.18	78	$ 6,488.04	
Senior Engineer	$ 74.04	269	$ 19,916.76	
Project Manager	$ 63.95	78	$ 4,988.10	
Project Engineer	$ 51.93	354	$ 18,383.22	
Senior Designer	$ 41.47	95	$ 3,939.65	
Designer	$ 31.49	82	$ 2,582.18	
Senior Landscape Architect	$ 71.52	65	$ 4,648.80	
Landscape Architect	$ 56.13	116	$ 6,511.08	
TOTAL DIRECT LABOR	$59.40	1139		$ 67,657.83
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	200 % x Total Direct Labor			$ 135,315.66
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 202,973.49
8. PROFIT: Labor Related Costs (Item 7)	x		10%	$ 20,297.35

PART III - OTHER COSTS

9. Miscellaneous Direct Costs		
Transportation & Shipping	$ 0.00	
Original Reproducibles	$ 0.00	
Reproduction	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
Traffic	$ 0.00	
Structural Design	$ 0.00	
Environmental/Permitting	$ 0.00	
Other (Specify)	$ 0.00	
SUB-CONTRACT SUB-TOTAL		$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 223,270.84
11. REIMBURSABLE COSTS (Limiting Amount)		
Geotechnical Investigations	$ 0.00	
Permitting Activities	$ 0.00	
Wetland Staking	$ 0.00	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 223,270.84**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Exhibit J

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 4, 2023

Christopher Wilkey, Chief Financial Officer
ENGLAND, THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Wilkey:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.3 - Signalization

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI
- 10.5.1 - Major Bridge CEI - Concrete
- 10.5.2 - Major Bridge CEI - Steel

Group 13 - Planning

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
225.31%	183.97%	0.641%	Reimbursed	No	6.92%	28.31%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

COJ Penman Road from Beach to Seagate
Duval County, Florida ~ ETM Surveying & Mapping, Inc.
Surveying and SUE Scope of Services Rev 8-21-2025

Task 1: Extend Topographic and Drainage Survey, Prepare Sketch and Descriptions

Extract additional data on 4th Avenue to extend the existing topographic survey 50 feet east and west of the existing survey limits.

Survey ~3 miles cumulative pipe network west of Penman Road to Intracoastal Waterway; providing material, size, and invert information as depicted on the graphic received from the client and attached hereto as Exhibit A-1 through A-6. An additional 75 drainage structures are anticipated in this scope.

Prepare a sketch and legal description of parcels as provided by the Engineer of Record that complies with Florida's Board of Professional Surveyors and Mappers Standards of Practice of Chapter 5J-17, Florida Administrative Code, pursuant to Chapter 472, Florida Statutes. The delivery shall consist of a signed and sealed pdf for the parcel mapped. Anticipate rectangular parcels with four courses. Twenty sketch and descriptions are anticipated in this scope.

Task 2: Subsurface Utility Services

Provide subsurface utility engineering services for the project described above. Through our initial design ticket through Sunshine 811, we have found fourteen utility owners with twenty-one utilities within our project vicinity. We anticipate the equivalent of 120 VVH locations within the limits between Beach Blvd and Seagate. The VVH reports will be compiled into a surveyors report that is signed and sealed.

Items Not Included

Boundary Survey
Jurisdictional Wetlands Survey
As-Built Survey
Plat Preparation
County Plat Review
Plat Processing for Recordation
Title Review
Construction Layout
Tree Survey
Document Processing for Recordation
Research/Consultation

Exhibit B
CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project COJ Penman Road Beach Blvd to Sreagate	**2. Proposal No. / Contract No.**
3. Name of Consultant orSubconsultant: ETM Surveying & Mapping, Inc. - Design Survey and SUE	**4. Date of Proposal** August 21, 2025

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
SUR Principal/Project Manager	$ 76.92	55	$ 4,230.60	
SUR Project Surveyor	$ 47.96	65	$ 3,117.40	
SUR Survey Technician	$ 40.97	80	$ 3,277.60	
SUR SUE Sr. Utility Coordinator	$ 43.82	24	$ 1,051.68	
SUR Survey CADD Operator	$ 27.17	180	$ 4,890.60	
SUR SUE Analyst	$ 22.31	24	$ 535.44	
SUR Clerical	$ 23.57	6	$ 141.42	
SUR Party Chief	$ 27.39	125	$ 3,423.75	
SUR Survey Instrument Operator	$ 21.77	125	$ 2,721.25	
SUR Survey Field Assistant	$ 17.85	125	$ 2,231.25	
SUR SUE Crew Chief	$ 36.85	240	$ 8,844.00	
SUR SUE Instrument Technician	$ 21.04	240	$ 5,049.60	
SUR SUE Technician	$ 16.98	240	$ 4,075.20	
TOTAL DIRECT LABOR	$ 28.51	1529		$ 43,589.79
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate	**175** % x Total Direct Labor			$ 76,282.13
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 119,871.92**
8. PROFIT: Labor Related Costs (Item 7)	x		**10%**	$ 11,987.19

PART III - OTHER COSTS

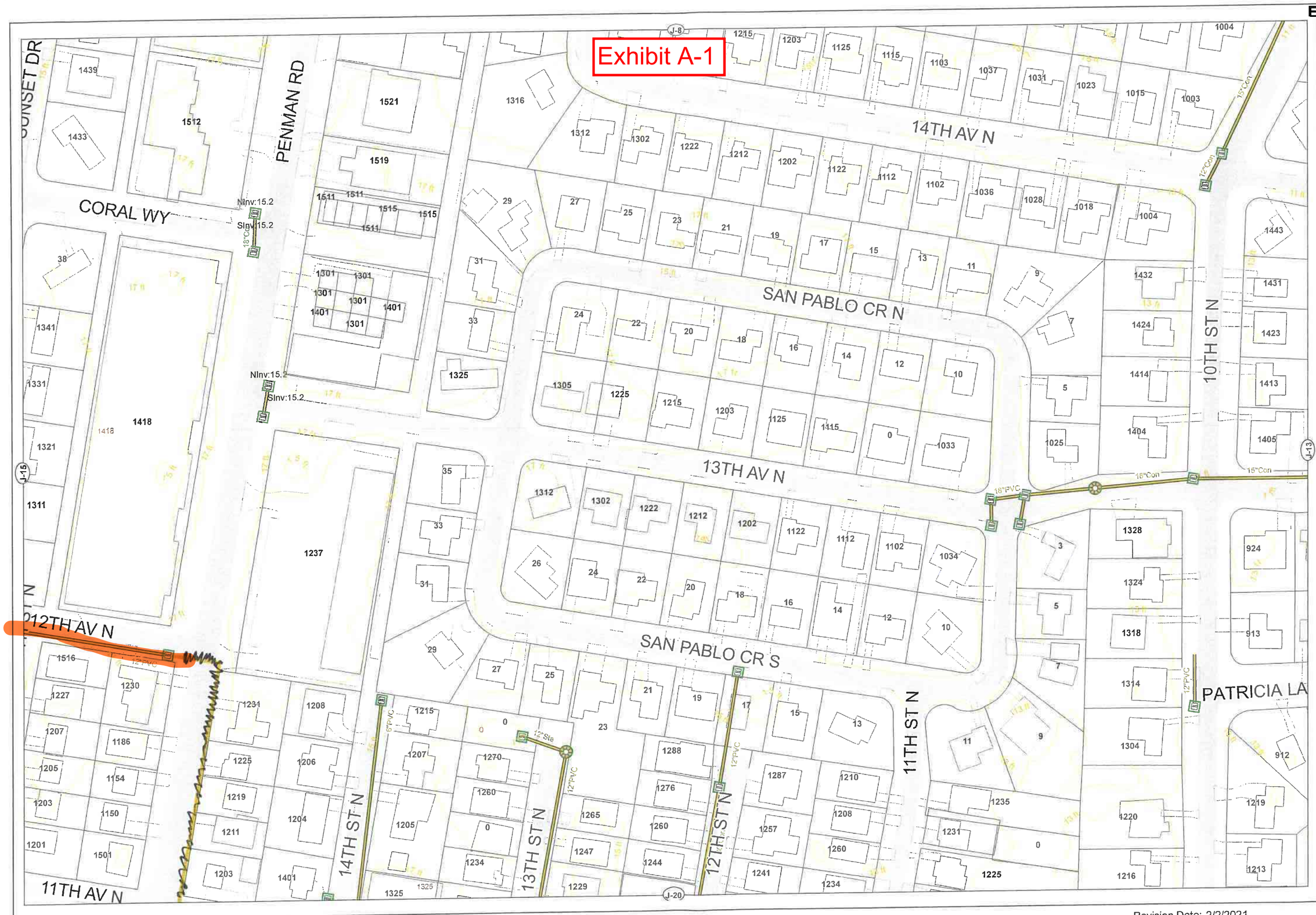
9. Miscellaneous Direct Costs (Lump Sum)		
Printing	$ 0.00	
Transportation & Shipping	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONSULTANTS (Lump Sum)		
	$	
	$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		$ -
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	$	
	$	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	**$ 131,859.11**
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

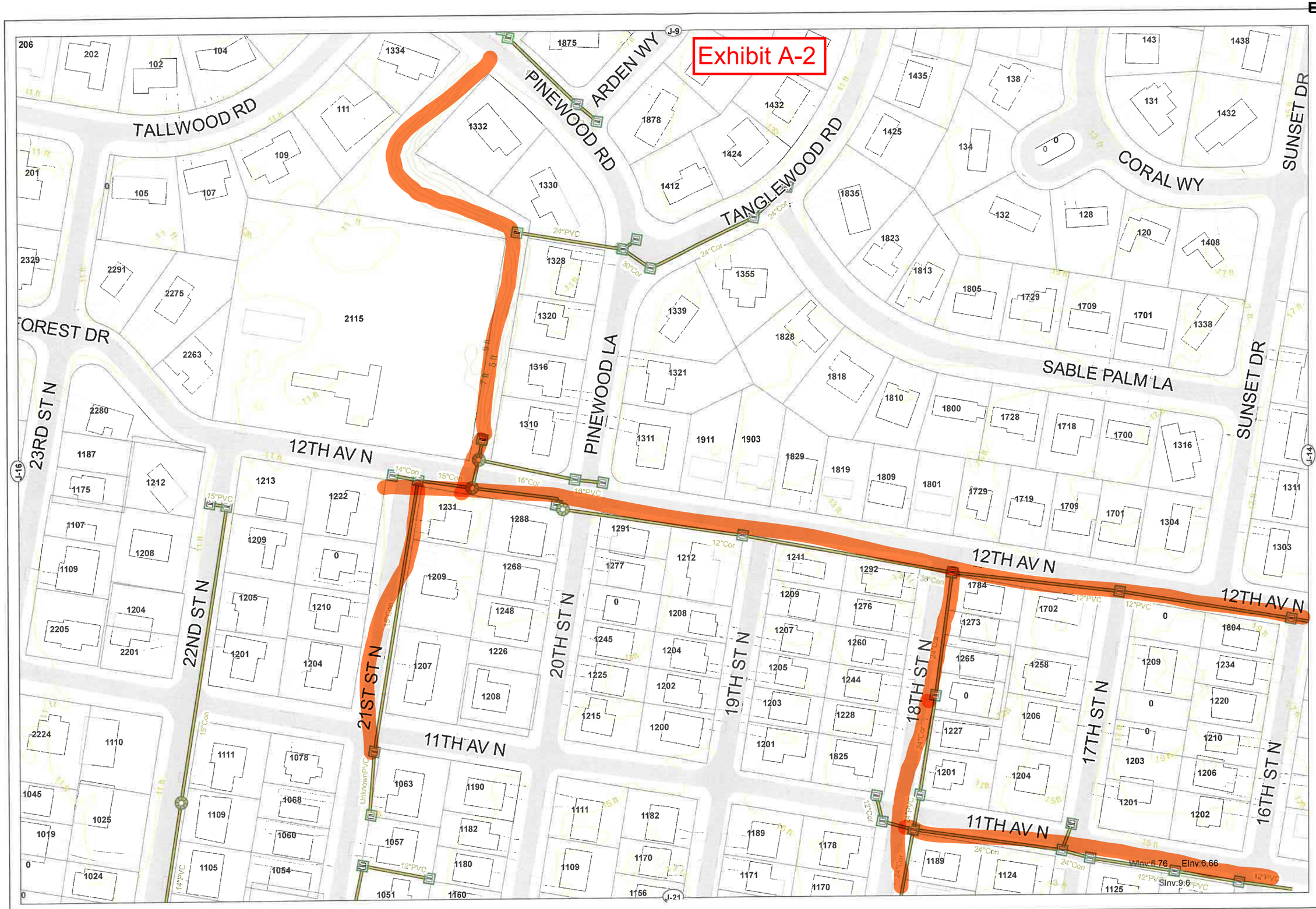
Exhibit J/N

Exhibit A-1



Revision Date: 2/2/2021

Exhibit J



N

75 Feet

Legend

- Manhole
- Inlet/ Structure
- Pump Station
- Gravity Main
- Force Main
- Ditch
- Parcels

Elevation

CONTOUR_EL

- <10 ft
- 10 ft - 20 ft
- >20 ft

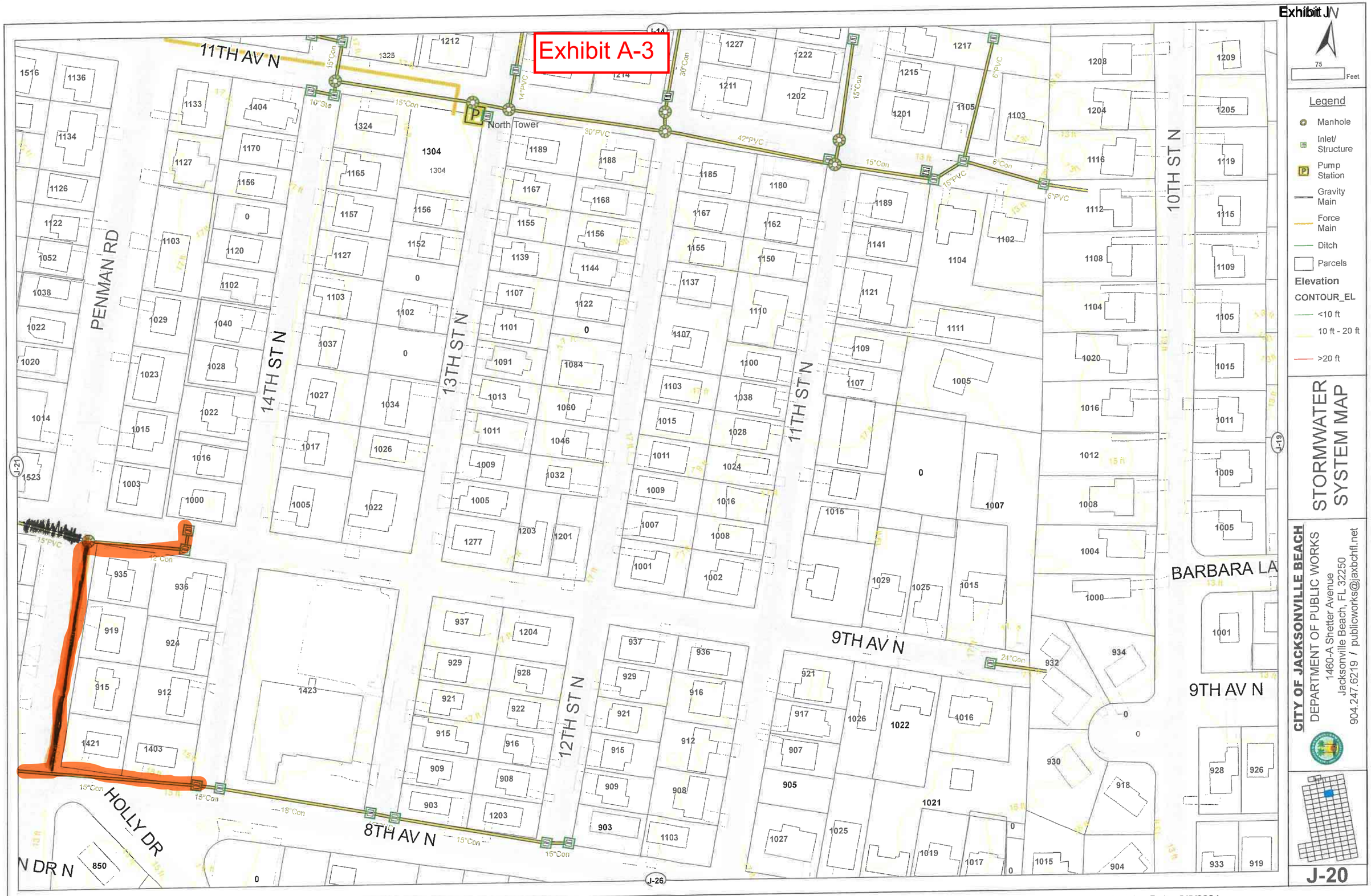
STORMWATER SYSTEM MAP

CITY OF JACKSONVILLE BEACH
DEPARTMENT OF PUBLIC WORKS
1460-A Shetter Avenue
Jacksonville Beach, FL 32250
904.247.6219 / publicworks@jaxbchfl.net

J-15

Revision Date: 2/2/2021

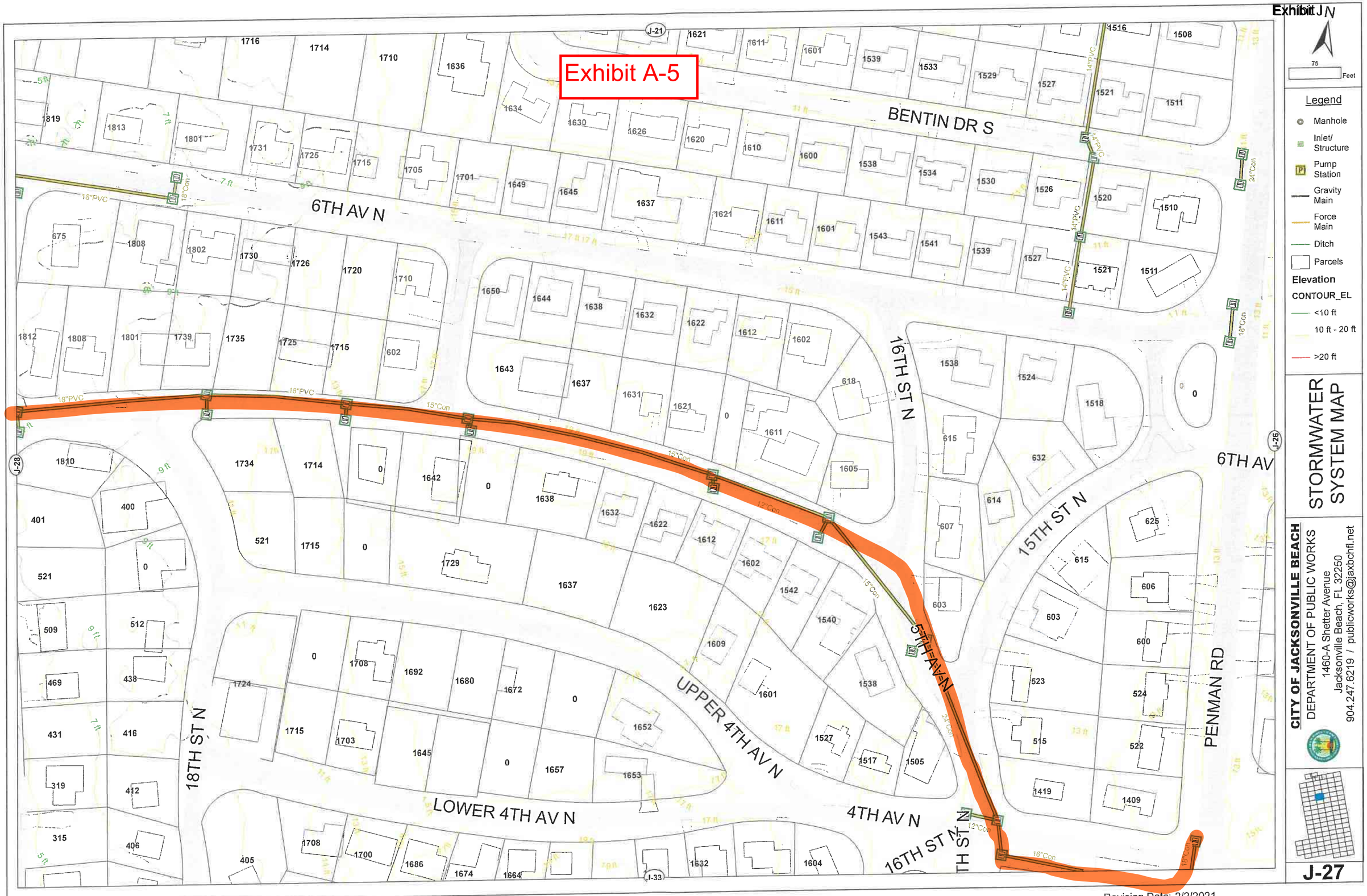
Exhibit J



Revision Date: 2/2/2021

Revision Date: 2/2/2021

Exhibit J



Revision Date: 2/2/2021

Exhibit A-6

Revision Date: 2/2/2021

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

GEOTECHNICAL SCOPE

Penman Road Complete Streets – Beach Boulevard to North of Seagate Avenue

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions for the proposed construction. Based on the information provided, the following table summarizes the requested scope of services.

Test Location	Test No. & Type	Test Depth ft below existing ground
Penman Road, Multi-Use Path, & Lighting (Approx. 7,700 LF)	5 Auger Borings (As needed, delineation) [1]	6
	53 Standard Penetration Test (SPT) Borings [2]	15
	4 Pavement Cores	Upper 2 feet
	7 Bulk Samples (LBR/Corrosion Series Testing)	Upper 5 feet

1. Auger borings will be utilized to delineate the limits of any unsuitable soil along the Multi-Use Path.
2. SPT Borings will be performed every 150 LF along the alignment at each light pole and along the trail to aid in design per the FDOT Soils & Foundations Handbook, minimum number of required borings.
3. Limerock Bearing Ratio (LBR) and Corrosion Series Testing will be performed on bulk samples collected at 1,500 LF centers along the alignment per the FDOT Soils & Foundations Handbook.
4. Pavement Cores will be obtained at the terminus of each segment.

The locations appear to be easily accessible with our truck-mounted drilling equipment with Maintenance-of-Traffic along the roadway alignment.

We will locate the borings using our hand-held GPS equipment, accurate to within 3 meters (+/- 10 feet), as requested. The SPT and auger borings will be performed in general accordance with ASTM D 1586 and ASTM D 1452, respectively. Once the SPT borings are completed, they will be backfilled with grout per St. Johns River Water Management District guidelines. Once the auger borings are completed, they will be backfilled with native soil cuttings. We will take all reasonable precautions to prevent damage to property and will reasonably restore the boring and pavement core locations to the conditions existing prior to the start of our fieldwork.

In accordance with Florida law, we will attempt to locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. We will make every attempt to minimize the need for maintenance of traffic operations, with the exception of signs and cones, as required. It should be noted that the presence of overhead and below grade utilities may require that the boring be offset a minimal distance away from the actual structure location(s).

The recovered soil samples will be described in the field by the field crew. The field logs and samples will be delivered to our laboratory, where the logs will be reviewed, and the samples will be classified by a geotechnical engineer in general accordance with ASTM D2488.

Laboratory classification, soil index tests, and corrosion series testing will be performed in general accordance with ASTM and/or Florida Method (FM) procedures for each applicable test as necessary on selected soil samples to confirm the soil and/or environmental classification and provide engineering

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

characteristics to estimate compressibility. The LBR tests will be performed in general accordance with the FM test method 5-515.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction and general description of the project;
- A boring location plan detailing the location of each boring and type of equipment used;
- Field exploration procedures and soil sampling methods used;
- Graphical representation in profile view of our boring logs and stratification which will detail the number of borings performed, description and thickness of each soil layer, any fluid loss(es) during drilling, and SPT-N values at each sample interval;
- The laboratory test procedures performed, and the results obtained;
- A Pavement Core and Evaluation Summary table detailing the results of the pavement coring program;
- Results of the corrosion series testing and limerock bearing ratio testing;
- Results of the Grain Size Analysis on the creek bed sample, including the D50 result;
- Design LBR using the Mean & 90% Methods;
- A Roadway Soil Survey Sheet;
- Recommendations for engineering design associated with the roadway;
- Recommendations for constructability of the conventional lighting foundations given the soil conditions at each location, and
- Signed and sealed core boring sheets for the project plans.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

Exhibit J

PART I - GENERAL	
1. Project Penman Road Complete Streets - Beach Blvd. to Seagate Ave.	**2. Contract No.** TBD
3. Name of Consultant Meskel & Associates Engineering, PLLC	**4. Date of Proposal** August 15, 2025

PART II - LABOR RELATED COSTS

5. Reimbursable Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	$ 77.03	4	$ 308.12	
Senior Project Engineer	$ 74.76	12	$ 897.12	
Project Manager	$ 51.00	32	$ 1,632.00	
Staff Engineer	$ 32.20	86	$ 2,769.20	
Draftsperson/CADD Operator	$ 26.10	22	$ 574.20	
Senior Field Technician	$ 33.00	43	$ 1,419.00	
Clerical	$ 25.30	17	$ 430.10	
TOTAL REIMBURSABLE LABOR	$37.17	216		$ 8,029.74
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	200 % x Total Direct Labor			$ 16,059.48
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 24,089.22
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$ 2,408.92

PART III - OTHER COSTS

9. Miscellaneous Reimbursable Costs				
Field Exploration				
209-Asphalt Pavement Coring - 4in dia with Base Depth Check	4	$180.00	$ 720.00	
401-Geo Auger Borings-H& & Truck/Mud Bug	30	$12.00	$ 360.00	
427-Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	159	$48.00	$ 7,632.00	
428-Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	0	$56.00	$ 0.00	
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	0	$68.00	$ 0.00	
440-Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	795	$7.50	$ 5,962.50	
441-Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	0	$8.50	$ 0.00	
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	0	$9.50	$ 0.00	
478-Geo SPT Truck/Mud Bug 0-50 Ft	795	$16.00	$ 12,720.00	
479-Geo SPT Truck/Mud Bug 50-100 Ft	0	$19.00	$ 0.00	
480-Geo SPT Truck/Mud Bug 100-150 Ft	0	$30.00	$ 0.00	
498-Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	0	$12.00	$ 0.00	
499-Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	0	$14.00	$ 0.00	
500-Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	0	$16.00	$ 0.00	
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	15	$240.00	$ 3,600.00	
539-Geo Wash Boring, 0-50 Ft	0	$12.50	$ 0.00	
612-Mobilization Drill Rig Truck Mount	1	$600.00	$ 600.00	
GPR Services – Utility Locates, Day	0	$1,300.00	$ 0.00	
MOT Services – Lane Closure, Day	5	$2,500.00	$ 12,500.00	
Laboratory Testing				
817-Soils Moisture Content Laboratory AASHTO T265	60	$21.00	$ 1,260.00	
812-Soils Materials Finer than 200 Sieve FM 1-T011	0	$50.00	$ 0.00	
822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	60	$75.00	$ 4,500.00	
819-Soils Organic Content Ignition FM 1 T-267	20	$50.00	$ 1,000.00	
811-Soils Liquid Limit AASHTO T89	10	$60.00	$ 600.00	
826-Soils Plastic Limit & Plasticity Index AASHTO T90	10	$58.00	$ 580.00	
805-Soils Corrosion Series FM 5-550 through 5-553	7	$230.00	$ 1,610.00	
810-Soils Limerock Bearing Ratio (LBR) FM 5-515	7	$365.00	$ 2,555.00	
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL				$ 56,199.50
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				$ 82,697.64
11. REIMBURSABLE COSTS (Limiting Amount)				
			0.00	
SUB-TOTAL REIMBURSABLES				$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Reimbursable) (Items 5, 6, 8, 9, 10 and 11)	**$ 82,697.64**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Exhibit J

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 16, 2025

Antoinette (Tina) Meskel, President
MESKEL & ASSOCIATES ENGINEERING, PLLC
3728 Philips Highway
Suite 208
Jacksonville, FL 32207
tina@meskelengineering.com

Dear Ms. Meskel:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

9.1 - Soil Exploration
9.2 - Geotechnical Classification Lab Testing
9.3 - Highway Materials Testing
9.4.1 - Standard Foundation Studies
9.5 - Geotechnical Specialty Lab Testing

10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection
10.4 - Minor Bridge & Miscellaneous Structures CEI

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026, for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Field Direct Expense	Published Fee Schedule
287.21%	182.80%	3.316%	Reimbursed	2.91%	0.00%	Yes

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT.PSPrequalification@dot.state.fl.us.

Sincerely,

Philip Pitts
Professional Services Qualification Administrator
PP/YG

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give form to the requester. Do not send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See *Specific Instructions* on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

LJA ENGINEERING, INC

2 Business name/disregarded entity name, if different from above.

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☐ C corporation ☑ S corporation ☐ Partnership ☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . .

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) N/A

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) N/A

(Applies to accounts maintained outside the United States.)

5 Address (number, street, and apt. or suite no.). See instructions.

3600 W SAM HOUSTON PKWY S # 600

Requester's name and address (optional)

6 City, state, and ZIP code

HOUSTON, TX 77042

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

☐☐☐ – ☐☐ – ☐☐☐☐

or

Employer identification number

7 6 – 0 5 4 0 3 2 8

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here **Signature of U.S. person** Brianna Jeffers **Date** 1/3/2025

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

713.953.5200
TBPELS F-1386
TBPELS 10110501
www.LJA.com
3600 W Sam Houston Pkwy S, Suite 600 Houston, Texas 77042

December 11, 2025

RE: Merger of Peters & Yaffee, Inc. into LJA Engineering, Inc.

To Whom It May Concern:

Effective as of December 13, 2025, Peters & Yaffee, Inc. will merge with and into LJA Engineering, Inc., with LJA Engineering, Inc. as the surviving corporation. As a result of this merger, LJA Engineering, Inc. will, by operation of law, assume and succeed to all rights, obligations, interests, and liabilities of Peters & Yaffee, Inc., including, without limitation, all existing contracts and agreements.

Accordingly, all references to “Peters & Yaffee, Inc.” in any current contract, purchase order, task order, or other agreement shall be deemed to refer to LJA Engineering, Inc., and all such agreements shall continue in full force and effect without interruption or the need for further action, except to the extent otherwise required by applicable law or the terms of a specific agreement.

Should any further documentation be required to effectuate this process please do not hesitate to contact us.

Sincerely,

APPROVED

Mike Derbaum
3/27/26

DocuSigned by:
JAMES D. ROSS
9DC6F7E40E464D4...
James D. Ross, PE
President
LJA Engineering, Inc.

Signed by:
Dow W. Peters III, PE
40507A41275C416...
Dow W. Peters III, PE
President
Peters & Yaffee, Inc.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

sunbiz.org DIVISION of CORPORATIONS
an official State of Florida website

Detail by Entity Name

Foreign Profit Corporation
LJA ENGINEERING, INC.

Filing Information

Document Number	F15000001316
FEI/EIN Number	76-0540328
Date Filed	03/17/2015
State	TX
Status	ACTIVE
Last Event	CORPORATE MERGER
Event Date Filed	12/10/2025
Event Effective Date	12/13/2025

Principal Address

3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Changed: 01/25/2026

Mailing Address

3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Changed: 01/25/2026

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Name Changed: 09/03/2025

Address Changed: 09/03/2025

Officer/Director Detail

Name & Address

Title Director, Treasurer

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

McKee, Alan B.
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Guillot, Brent
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Tryka, Edward
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Hackney, George
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Carr, James
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title Chairman, Director, President

Ross, James D
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title Director

Cannon, Jeff T
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Newton, Jeffrey J.
3600 W Sam Houston Pkwy S
Suite 600

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Houston, TX 77042

Title VP

Townsend, John T.
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Mansfield, Nick
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Rhodes, Ralph J.
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Grossman, Scott E.
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Martin, Steve
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Burkholder, Steven
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title Director, Secretary

Alford, Susan D
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Krishnan, Thirulokesh
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Marchman, Tyler S
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Peters, Dow
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Yaffee, Russell
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Simmons, George
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Blum, John
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Title VP

Luethje, David
3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Annual Reports

Report Year	Filed Date
2025	02/06/2025

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

2026	01/25/2026
2026	02/04/2026

Document Images

02/04/2026 -- AMENDED ANNUAL REPORT	View image in PDF format
01/25/2026 -- ANNUAL REPORT	View image in PDF format
12/10/2025 -- Merger	View image in PDF format
09/03/2025 -- Reg. Agent Change	View image in PDF format
06/10/2025 -- AMENDED ANNUAL REPORT	View image in PDF format
04/01/2025 -- Merger	View image in PDF format
02/06/2025 -- ANNUAL REPORT	View image in PDF format
10/22/2024 -- AMENDED ANNUAL REPORT	View image in PDF format
04/01/2024 -- Amendment	View image in PDF format
03/21/2024 -- Amendment	View image in PDF format
02/21/2024 -- Amendment	View image in PDF format
02/02/2024 -- ANNUAL REPORT	View image in PDF format
05/26/2023 -- Merger	View image in PDF format
05/09/2023 -- Amendment	View image in PDF format
04/05/2023 -- ANNUAL REPORT	View image in PDF format
11/21/2022 -- Reg. Agent Change	View image in PDF format
10/18/2022 -- Amendment	View image in PDF format
07/07/2022 -- Reg. Agent Change	View image in PDF format
06/23/2022 -- Amendment	View image in PDF format
01/25/2022 -- ANNUAL REPORT	View image in PDF format
07/26/2021 -- Amendment	View image in PDF format
01/29/2021 -- ANNUAL REPORT	View image in PDF format
08/07/2020 -- Amendment	View image in PDF format
01/31/2020 -- ANNUAL REPORT	View image in PDF format
02/01/2019 -- ANNUAL REPORT	View image in PDF format
05/03/2018 -- ANNUAL REPORT	View image in PDF format
09/18/2017 -- Reg. Agent Change	View image in PDF format
03/13/2017 -- ANNUAL REPORT	View image in PDF format
03/01/2016 -- ANNUAL REPORT	View image in PDF format
04/08/2015 -- Articles of Correction	View image in PDF format
03/17/2015 -- Foreign Profit	View image in PDF format

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Detail by Entity Name

Florida Profit Corporation
PETERS AND YAFFEE, INC.

Filing Information

Document Number	P08000075975
FEI/EIN Number	26-3166179
Date Filed	08/14/2008
Effective Date	08/13/2008
State	FL
Status	INACTIVE
Last Event	CORPORATE MERGER
Event Date Filed	12/10/2025
Event Effective Date	12/13/2025

Principal Address

9822 Tapestry Park Circle
Suite 205
JACKSONVILLE, FL 32246

Changed: 02/01/2016

Mailing Address

9822 Tapestry Park Circle
Suite 205
JACKSONVILLE, FL 32246

Changed: 02/01/2016

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Name Changed: 09/03/2025

Address Changed: 09/03/2025

Officer/Director Detail

Name & Address

Title P, T

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

PETERS, DOW WIII
9822 Tapestry Park Circle
Suite 205
JACKSONVILLE, FL 32246

Title VP, S

YAFFEE, RUSSELL T
9822 Tapestry Park Circle
Suite 205
JACKSONVILLE, FL 32246

Annual Reports

Report Year	Filed Date
2023	02/07/2023
2024	01/16/2024
2025	01/13/2025

Document Images

12/10/2025 -- Merger	View image in PDF format
09/03/2025 -- Reg. Agent Change	View image in PDF format
03/24/2025 -- Reg. Agent Change	View image in PDF format
01/13/2025 -- ANNUAL REPORT	View image in PDF format
01/16/2024 -- ANNUAL REPORT	View image in PDF format
02/07/2023 -- ANNUAL REPORT	View image in PDF format
01/19/2022 -- ANNUAL REPORT	View image in PDF format
03/17/2021 -- ANNUAL REPORT	View image in PDF format
01/29/2020 -- ANNUAL REPORT	View image in PDF format
04/16/2019 -- ANNUAL REPORT	View image in PDF format
02/12/2018 -- ANNUAL REPORT	View image in PDF format
03/16/2017 -- ANNUAL REPORT	View image in PDF format
02/01/2016 -- ANNUAL REPORT	View image in PDF format
03/03/2015 -- ANNUAL REPORT	View image in PDF format
03/03/2014 -- ANNUAL REPORT	View image in PDF format
04/17/2013 -- ANNUAL REPORT	View image in PDF format
01/18/2012 -- ANNUAL REPORT	View image in PDF format
03/18/2011 -- ANNUAL REPORT	View image in PDF format
03/04/2010 -- ANNUAL REPORT	View image in PDF format
11/17/2009 -- REINSTATEMENT	View image in PDF format
08/14/2008 -- Domestic Profit	View image in PDF format

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

City of Jacksonville, Florida

Procurement Award Form (PAF)

Part 1 – Form Type: JPAC 126.204 (a) New Award, Renewals, Waive Technical Defects, Price Increases, NTE Increases.

Goods and/or Services: Penman Road Complete Streets Improvements

Requested Action and Justification:

Recommend approval to amend the award with Peters and Yaffee to incorporate Amendment #4 ,the attached scope and fee Exhibit I-J. The purpose is to provide engineering design/construction of the roadway improvements on Penman Road in Neptune Beach from Seagate Avenue to Atlantic Boulevard. Amendment #4 is for the amount of $1,081,715.21 for a new total not to exceed amount of $3,866,714.23.

To be executed via formal contract amendment through the Office of General Counsel

Supplier:	Peters and Yaffee	**Basis of Award:**	Highest Evaluated	**BID Opening Date:**	08/2/2021

POA #:	71237-21	**PO #:**	628669-21	**Change Order #:**	N/A
Solicitation #:	PDS P-11 20	**Contract #:**	71237-21	**Contract ADM #:**	4
Term:	Project Completion	**Options:**	N/A	**Options Used:**	N/A

Federally Funded:	Yes	**JSEB Rec:**	Participation
Licenses Verified:	Yes	**JSEB %:**	20
Bonds Required:	No	**Bonds Waived Pursuant To:**	N/A

Fund:	32124	**Center:**	153101	**Acct:**	565051	**Proj:**	010111	**Activity:**	0000000000	$ 1,081,715.21
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$

New NTE/GMP:	$ 3,866,714.23	**Contingent Amt:**	$ 0.00	**DMP/ODPO Amt:**	$ 0.00

Using Agency/BU:	PWEN:ENGINEERING AND CONSTRUCTION MANAGEMENT		
Concurrence:	Signed by: Scott Carter 20001F8ADFC947E...	**Title:**	CHIEF OF ENGINEERING CONSTRUCTION MANAGEMENT 2/25/2026
Concurrence:	1EFA223D5D23487...	**Title:**	DIRECTOR OF PUBLIC WORKS 2/25/2026
Concurrence:		**Title:**	
Concurrence:		**Title:**	

Initial DT
Initial DT

Procurement Analyst/Buyer:	Signed by: Kemp, Benjamin 4C8860DFACE2449C	**Chief of Procurement:**	Signed by: Robert Waremburg, for Dustin Freeman 3/3/2026 4812CA1D431247A...
Name:	Kemp, Benjamin	**Name:**	Dustin L. Freeman

Part 2 – JPAC Action: All award actions subject to lawfully appropriated funds.		**Part 3 – Final Awarding Authority Action:**	
Members who approve:	3	**Action:**	Approved
Members who disapprove:	0	**Signature:**	Signed by: kelli O'Leary 92A298FE95E4AC...
Date:	3/5/2026	**Date:**	3/5/2026

Signed by:

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

PAF Instructions
Part 1 (using agency)

Form Type: This form will be used for both Administrative Awards and JPAC Requests. Select type from dropdown options.

Goods and/or Services: Enter a brief description of the types of goods and services included in the request.

Requested Action and Justification: Enter a brief description of the requested action or authority being sought. i.e.; *Request permission to award the lowest, responsive responsible bidder for an ITB or award the highest ranked supplier for an RFP.* This block should also be used for additional information such as additional 4th account strings, or other information essential for contract execution.

Supplier: Enter awarded supplier name**.** If multiple, include in "Requested Action and Justification" box.

Basis of Award: Select from Lowest Price Technical Acceptable (LPTA), Highest Price Technical Acceptable (HPTA) or N/A.

Bid Opening Date: The date bids were unsealed by Procurement.

POA #: This is your 1Cloud generated Agreement number. Select Type, Enter Number.

PO #: Enter the PO number or agreement release number.

Change Order #: Provide the applicable change order number represented by this request.

Solicitation #: Select Prefix type, Enter Number, and Year.

Contract #: This number should be the same as your POA number (unless procured prior to 2020)

Contract Amendment #: Provide the applicable amendment number represented by this request.

Term: Select the Period of Performance or Term for the initial period.

Options: Period of time for each renewal or option.

Options Used: Prior to this request, enter how many options were already used.

Federally Funded: Select yes or no from dropdown if Federal Funds will be used.

JSEB Rec: Select Encouragement or JSEB Set Aside Option.

JESB %: If JSEB Participation, enter the percentage.

Bonds Waived Pursuant to: Select option from Drop down.

Funding Sources: Fund/Center/Account/Project/Activity, all fields are required even if zeros.

New NTE/GMP: Enter the new total not to exceed amount. Note, this should match the contract maximum indebtedness, if applicable**.**

Contingent Amount: If your agency requests an allowance for unforeseen additional expenses, then specify the amount of your requested increase and new NTE that represents the contingency allowance. This is over and above any quote.

DMP/ODPO Account: Enter the Direct Materials Purchase/Owner Direct Purchase Order Account. Used mainly for CIP (Capital Improvement/Construction) Projects

Using Agency/BU: Select one from the dropdown list.

Concurrence: Using Agency internal routing requirements for Electronic Signatures (follow Proc Manual for threshold requirements)

Title: Title of person electronically signing form.

Attachments: Included any supplemental information to the Procurement Award Form. i.e.; *Scope of work, previous awards*.

**Any field where there is no data available, or no entry is required, either leave it blank or enter N/A. Any fields where there is known data, include for informational purposes. Any changes to an original award should contain the data that is being changed and any other relevant data required for JPAC review and approval.*

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

APPROVED

Michael Derbaum
2/25/26

EXHIBIT "A"

SCOPE OF SERVICES
January 14, 2026

PROFESSIONAL DESIGN SERVICES FOR
PENMAN ROAD IMPROVEMENTS PHASE 4 – JACKSONVILLE BEACH (FROM BEACH BLVD TO SEAGATE AVE)
RFP NO. P-11-20
CITY OF JACKSONVILLE, FLORIDA

I. PROJECT DESCRIPTION

A. The purpose of this scope of services is to provide engineering design, permitting and all other professional services for the bidding and construction of roadway improvements on Penman Road in Jacksonville Beach (from Beach Boulevard to Seagate Avenue).

B. The project length is approximately 7,075 feet and the limits are as follows:

The project will begin at the intersection of Beach Boulevard to Seagate Avenue along Penman Road. The project is intended to improve Penman Road within the project limits and will also include the following improvements: Pavement improvements (milling and resurfacing, side streets improvements, sidewalks improvements, drainage improvements adding midblock crossing, roadway and intersection lighting, landscape improvements and shared use path within the project limits (eastside of Penman Road).

C. The scope of this project is based on recommendations included in the Request for Proposals (RFP) P-11-20 for Professional Engineering Services for Penman Road Complete Streets Project from Beach Boulevard to Atlantic Boulevard dated April 2020 and the result of the Penman Road Traffic Study. Services required in providing construction plans include:

- Survey
- Subsurface Utility Exploration (SUE)
- Geotechnical
- Environmental/Permitting/Contamination
- Roadway Design
- Drainage Design
- Landscape Architecture
- Signing and Pavement Marking Design
- Lighting Design
- Signalization
- Maintenance of Traffic
- Utility Coordination
- Public Involvement

Roadway Design: Provide a single roundabout design for the intersection of Penman Road at 4th Avenue, 15th Avenue, Arden Way and Seagate Avenue. Pavement rehabilitation will also be included and will provide milling and resurfacing, widening and shoulder

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

improvements. Mid-Block crossings will also be provided within the project limits. Improvements to existing residential and commercial driveways, sidewalks, shared use path and side streets within the project limits will also be a part of this project.

Drainage: Ditch Conveyance System to be replaced and redesigned as a closed pipe system as required for the Penman Road Improvements project as applicable. Will coordinate with the City of Jacksonville Beach for any additional drainage deficiencies within these project limits.

Landscape Architecture: Landscape Design and Tree Mitigation analysis will be included. Plans to be provided based on the impact of the roadway improvements within the project limits.

Signing and Pavement Marking Design: Provide pavement markings within the pavement improvement areas, sign replacements impacted due to roadway improvements and proposed signing and pavement markings at the mid-block crossings.

Lighting Design: To include review of existing intersection lighting withing the project limits and to provide additional lighting for pedestrian crossings within the project limits. Coordinate with the maintaining agency for lighting preferences and equipment. Add lighting at the intersection of Penman Road along the roadway corridor within the project limits.

Signalization Design: To include review of existing signalization within the project limits and to provide additional signalization for pedestrian crossings within the project limits. Coordinate with the maintaining agency for signalization preferences at the mid-block crossings. Provide modifications to the signal at Penman Road and Beach Boulevard as needed to address the proposed lane configurations.

Maintenance of Traffic: Temporary Maintenance of Traffic Plans will be provided to address movement of vehicles, pedestrians and bicyclists within the project limits during construction.

Utility Coordination: To include efforts needed to address utility conflicts and resolution which will include collection and review of existing utilities, utility design coordination with UAOs, providing a utility conflict matrix, utility work schedules and final utility close-out.

Public Involvement: To include set-up, attendance at the public meetings and preparation of a meeting summary. The summary includes a copy of all slides, boards, handouts, completed sign-in sheets and completed comment forms. Task to include follow-up with public meeting comments and responses.

D. The Consultant will prepare for inclusion with City's Contract Documents detailed construction drawings and specifications to show the work to be constructed. Project design/plans/submittal review phases will include: 60%, 90%, 100% and Final Plans submittals.

Consultant will advise City of any adjustment of the opinion of probable construction cost estimates for the project caused by changes in scope, design requirements, and construction unit costs, and furnish a revised opinion of probable construction cost estimates for the project.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Consultant will assist City to prepare bid documents and evaluate bids submitted including compliance with specifications, costs, and ability of the bidder to perform the work and any other substantial factors.

II. PROJECT TASK REQUIREMENTS

A. Task 1 – Preliminary Engineering Services

Preliminary engineering services will include necessary analysis and design support services to facilitate final design of the project. This task will include the field review(s), survey, subsurface utility engineering (SUE), geotechnical investigation, environmental services and utility coordination.

Task 1.1 Design Survey

The Consultant will provide a topographic 3D survey and right-of-way of the project limits to include enough information to prepare design plans for bidding and construction purposes. Tasks include:

- Prepare a topographic 3D survey for design purposes of Penman Road at the proposed pedestrian bridge. The survey will combine laser scanning and conventional survey to populate the DTM. The survey will extend from the Penman Road existing right of way 50 feet and along the canal water way right of way lines 50 feet and will be referenced to NAD83/2011 horizontal datum and the NAVD88 vertical datum.
- The survey will include existing features including existing CBC, driveways, water meters, valve covers, mailboxes, the two exposed utilities on the east side including elevation and pipe size, existing sheet pile walls, existing riprap, the driveway at the south end, pipe near south end of proposed pedestrian bridge. Up to a total of six channel cross sections upstream and downstream of the CBC as coordinated with bridge hydraulics engineer.
- A topographic 3D survey for design purposes. The surveyed data will be referenced to NAD83/2011 horizontal datum and NAVD88 vertical datum.
- A right of way control survey to accurately determine and place the right of way. This effort will include the survey of subdivisions adjoining the project corridor, research of plats and right-of-way maps available in the Public Records of Duval County.
- 3D survey information for all drainage structures within the limits of the project will be included in the survey. Pipe sizes, types and inverts will be obtained based on Exhibit A-1 through A-6.

The deliverables will consist of digital data (CADD) files of the survey data in a format suitable for civil engineering design and a signed and sealed topographic survey.

Task 1.2 SUE Services

The Consultant will provide subsurface utility engineering services for the project described in Section I. Perform Quality Level A locates after 60% Plans approval. The underground utility designation will be surveyed and incorporated into the digital file and signed and

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

sealed survey from Task 1.1. Provide subsurface utility engineering services for the project described above.

Task 1.3 Legal Descriptions and Sketches

Prepare a sketch and legal description of three TCE Parcels as provided by the Engineer of Record that complies with Florida's Board of Professional Surveyors and Mappers Standards of Practice of Chapter 5J-17, Florida Administrative Code, pursuant to Chapter 472, Florida Statutes. The delivery shall consist of a signed and sealed pdf for each TCE parcel mapped.

Task 1.4 Geotechnical Investigation

The Consultant will provide geotechnical investigation of the project limits to include sufficient information to prepare design plans for construction purposes. Tasks will include:

- SPT Borings (53) for the Penman Road widening on both sides of the roadway will be performed to aid in design of the roadway widening, sidewalk, and shared use path per the FDOT Soils & Foundations Handbook.
- Auger borings (5) with Pavement Cores (4) will be performed at locations to aid in pavement design within the project limits and for Penman Road in Jacksonville Beach from Beach Boulevard to Seagate Avenue per the FDOT Soils & Foundations Handbook.
- Limerock Bearing Ratio (LBR) will be performed on bulk samples collected along seven locations on Penman Road within the project limits per the FDOT Soils & Foundations Handbook.
- Recovery and description of soil samples. Field logs and samples will be delivered to the laboratory, where the logs will be reviewed, and the samples will be classified by a geotechnical engineer in general accordance with ASTM D2488. The asphalt surface course samples from the pavement cores will be returned to the laboratory to confirm the asphalt thickness.
- Laboratory classification, soil index tests, and corrosion series testing will be performed in general accordance with ASTM and/or Florida Method (FM) procedures for each applicable test as necessary on selected soil samples to confirm the soil and/or environmental classification and provide engineering characteristics to estimate compressibility. The LBR tests will be performed in general accordance with the FM test method 5-515.

A geotechnical engineer, licensed in the State of Florida, will direct geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction and general description of the project
- A boring location plan detailing the location of each boring and type of equipment used
- Field exploration procedures and soil sampling methods used

- Graphical representation in profile view of our boring logs and stratification which will detail the number of borings performed, description and thickness of each soil layer, any fluid loss(es) during drilling, and SPT-N values at each sample interval
- The laboratory test procedures performed, and the results obtained
- Design LBR using the Mean & 90% Methods
- Roadway Soil Survey Sheet
- Signed and sealed boring sheets for the project plans.

Task 1.5 Environmental Services

The Consultant will provide coordination for wetland delineation investigation within the project limits to include sufficient information to prepare design plans for construction purposes. Tasks will include:

- Consultant will delineate (as needed) the on-site jurisdictional wetlands pursuant to the current regulations and guidance of the St. Johns River Water Management District (SJRWMD), Florida Department of Environmental Protections (FDEP), and the U.S. Army Corps of Engineers (USACE).

State Environmental Resource Permitting, Chapter 62-330, F.A.C.

- Consultant will prepare all necessary documentation and graphics required for submittal of the permit application to SJRWMD. This task includes assisting with permit application preparation, mitigation plan preparation, conservation easement and mitigation bank coordination (as needed), responses to agency Requests for Additional Information, and attendance at meetings with the regulatory agency as needed.

Contamination

- Consultant to review and prepare report on contamination.

Task 1.6 Utility Services

Utility Coordination

- Locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. Every attempt to minimize the need for maintenance of traffic operations will be made, except for signs and cones, as required. It should be noted that the presence of overhead and below grade utilities may require that the borings be offset a minimal distance away from the actual structure location(s).

B. Task 2 – Construction Plans

Consultant will prepare construction plans in accordance with latest editions of the FDOT Standard Specifications for Road and Bridge Construction, Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook), City Standard Specifications and Details and Land Development Procedures Manual, and regulations and policies of applicable permitting agencies.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Task 2.1 – 60% Plans Submittal
The Consultant will prepare 60% construction plans. The plans will include sufficient information and detail to demonstrate the overall design intent. The index of plans for this phase submittal will include: (Some sheets maybe be eliminated or modified by combining information on other sheets).

- Cover/Key Sheet
- Signature Sheet
- Typical Section/Details
- Roadway Plans
- Cross Sections
- Drainage Plans
- Signing and Pavement Marking Plans
- Signalization Plans
- Lighting Plans
- Landscape / Tree Mitigation Plans
- Estimate of Probable Construction Cost

Task 2.2 – 90% Plans Submittal
The Consultant will prepare 90% construction which will incorporate any changes, refinements, or modifications necessary following COJ review of the previous submittal. In addition to the sheets submitted as part of the 60% Plans, the following sheets and/or information will be included in this submittal.

- General Notes
- Survey Reference Points
- Miscellaneous Drainage Details
- Drainage Structures
- Traffic Control Plans
- Utility Adjustment Sheets (Limited to showing adjustments provided by UAOs, does not include design of adjustments for UAOs)
- Sedimentation and Erosion Control Plans
- Tabulation of Quantities
- Estimate of Probable Construction Cost
- Utility Location Plan
- Draft Specifications (Section 31)

Task 2.3 – 100% Plans Submittal
The Consultant will prepare 100% construction plans which will incorporate any changes, refinements, or modifications necessary following COJ review of the previous submittal. The index of plans for this phase submittal will be identified in Task 2.1 and 2.2 and/or as may be modified per Consultant discretion. Additionally, the following will be submitted with this submittal.

- Cost Estimate
- Specifications/Bid Package Documents

Task 2.4 – Final Plans Submittal
Consultant will prepare Final construction plans. The Final construction plans will be based on the comments received from City review of the 100% plans in Task 2.3. A final opinion of probable construction costs will be provided with this submittal. The index of plans for this phase submittal will be identified in Task 2.1 and 2.2 and/or as may be modified per Consultant discretion.

Upon request from the City, Consultant will provide all CADD files and subconsultant documents developed for the project including signed and sealed plans and survey and geotechnical reports.

III. PROJECT SUBMITTAL REQUIREMENTS

Project submittal requirements will be as included under previous Section II of this scope of services and as supplemented following:

A. Utility Coordination. Consultant will coordinate and provide project design intent plans at the earliest time possible to assist utility agency owners (UAOs) in locating their facilities for the purpose of identifying and resolving conflicts with the proposed design/construction. Consultant will also provide efforts needed to address utility conflicts and resolution which will include collection and review of existing utilities, utility design coordination with UAOs, providing a utility conflict matrix, utility work schedules and final utility close-out.

B. Final Design (60%, 90%, 100% and Final). For 60%, 90% and 100% submittals, Consultant will provide one (1) set in Electronic Format (pdf) to City Project. For the Final submittal, Consultant will provide one (1) set Electronic Format (pdf) signed and sealed to the City Project Manager.

C. Opinion of Probable Construction Cost Estimates. Provide one (1) copy (pdf) to City Project Manager for review and comment. These estimates will be provided with the 60%, 90%, 100% and Final submittals.

D. Design Reviews. Consultant will allow a 20-workday review time by City for the plans submittal and, if requested by City, will attend a review conference and prepare meeting minutes documenting same. In addition, if directed by City, a complete review may be held at the project site. Consultant will allow 35 workdays review time for the 90% submittal to include City Development Services Group (CDSG) Review. Any changes, refinements, or modifications developed in each review will be incorporated into the design or otherwise disposed of before proceeding to follow-on design work. City will provide consolidated plans markups and/or written comments for each submittal, which will be returned with the next follow-up submittal showing Consultant's response to City comments.

E. As-Built Drawings. Not required to be provided by Consultant. City will coordinate with selected construction contractor to provide as-built drawings and all related document requirements.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

IV. OTHER PROJECT REQUIREMENTS / CLARIFICATIONS

A. City will provide Consultant with available right-of-way information/data along the corridor to supplement that obtained by the project proposed survey services as indicated in Task 1.1.

B. Consultant will provide dialogue with City Right-of-Way and Stormwater Maintenance Division, Traffic Engineering Division, Engineering Division, and JEA Water & Sewer Business Unit as appropriate.

C. Consultant will provide dialogue with affected utility agencies as appropriate.

D. Plans will be submitted electronically by Consultant to UAOs, as noted above, with intent UAOs will promptly and accurately provide location of their respective facilities within the project limits.

E. Underground utilities are anticipated to be located by respective UAOs that may be impacted and will be marked on the surface by a representative of the UAO. Existing as-built information will be incorporated and field-verified as necessary. All pertinent vertical information on pipe, inverts, conduits, etc., will be obtained where possible. Should additional verification of subsurface utilities requiring excavation be necessary, soft-dig (VVH) services will be performed to locate and determine the elevation of existing underground utilities that may conflict with the proposed improvements. All conflicts will be coordinated with the UAO's. As needed, a conflict matrix and Utility Work Schedules will be executed for any relocations and or utility protections. Costs for soft-dig (VVH) services are included in the reimbursable portion of the Contract Fee Summary included herewith.

F. Trees are anticipated to be impacted as part of the project. The City will mitigate accordingly per City tree ordinance criteria.

G. Plans will be standard half-scale 11"x17" paper for all submittals. Additionally, Consultant will submit all drawings in electronic form using a standard .dgn and/or .pdf format if requested by the City at the completion of the project.

H. Specifications will be on standard 8½" x 11" paper.

I. City will be the Owner of the final documents.

J. Consultant will take notes of all design/review meetings held with City agencies. These notes shall be transcribed and furnished to City Project Manager for concurrence as soon as practical after the date of the meeting.
Consultant will be required to attend or participate in any public information meetings that may be held or conducted by City.

K. Consultant will assist City concerning interpretation of the intent of the contract documents during the bidding/negotiation period by answering bidder inquiries and preparing required addenda. This will include shop drawing review.

L. Consultant will provide post-design services as requested by the City.

M. Consultant will work directly with City Project Manager as the sole point of contact regarding this project.

N. City Project Manager will notify Consultant in writing regarding changes to the project that will require modification to this scope of services.

V. ESTIMATED TIME SCHEDULE

The full project schedule will be determined after NTP.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

VI. PROGRESS REPORTING

Consultant will provide a monthly project progress status report to City as part of each monthly invoice submittal. In the event of unforeseen delays, Consultant will attempt to mitigate these delays and report on actions taken to maintain the original schedule. Any changes made to the schedule will be explained. Significant activities for the past month and projected activities for the next month will be highlighted in the progress status report.

VII. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and a Notice to Proceed is issued that specifically authorizes such work.

Exhibit J

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Penman Road Improvements - Phase 4 (Jacksonville Beach)	**2. Proposal Number** COJ P-11-20
3. Name of Consultant Peters and Yaffee, Inc.	**4. Date of Proposal** 1/14/2026

PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Enigneer	$ 100.00	133	$ 13,300.00	
Chief Engineer	$ 77.38	355	$ 27,469.90	
Senior Engineer	$ 59.32	797	$ 47,278.04	
Project Engineer	$ 48.50	1113	$ 53,980.50	
Senior Designer	$ 35.07	821	$ 28,792.47	
Engineering Intren	$ 35.31	730	$ 25,776.30	
Engineering Technician	$ 33.18	490	$ 16,258.20	
TOTAL DIRECT LABOR	$47.95	4439		$ 212,855.41
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 175 % x Total Direct Labor				$ 372,496.97
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 585,352.38
8. PROFIT: Labor Related Costs (Item 7) x 10%				$ 58,535.24

PART III - OTHER COSTS		
9. Miscellaneous Reimbursable Costs		
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
ETM - Drainage/Landscaping Design	$ 223,270.84	
SUB-CONTRACT SUB-TOTAL		$ 223,270.84
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 867,158.46
11. REIMBURSABLE COSTS (Limiting Amount)		
ETM -Survey/SUE	$ 131,859.11	
MAE - Geotechnical	$ 82,697.64	
SUB-TOTAL REIMBURSABLES		$ 214,556.75

PART IV - SUMMARY	
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 1,081,715.21**
12. PRIOR CONTRACT AMOUNT (Through Amendment #3)	**$ 2,784,999.02**
AMENDED AMOUNT OF CONTRACT	**$ 3,866,714.23**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Exhibit J

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 13, 2025

Dow Peters, III, President
PETERS AND YAFFEE, INC.
9822 Tapestry Park Circle
Suite 205
Jacksonville, FL 32246

Dear Mr. Peters:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

3.1 - Minor Highway Design
3.2 - Major Highway Design

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing
6.3.1 - Intelligent Transportation Systems Analysis and Design

7.1 - Signing, Pavement Marking and Channelization
7.2 - Lighting
7.3 - Signalization

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026, for contracting purposes.

Approved Rates

Home Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Published Fee Schedule
191.86%	0.341%	Reimbursed	0.33%	No

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT.PSPrequalification@dot.state.fl.us.

Sincerely,

Philip Pitts
Professional Services Qualification Administrator
PP/DH

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Scope of Services

Penman Road Complete Streets – Beach Blvd to Seagate Ave

England-Thims & Miller Inc.

August 13, 2025

Project Description

This project is for the complete design and preparation of final construction plans of Penman Road from Beach Blvd to Seagate Ave, a length of approximately 1.35 miles. The project team is already under contract to provide complete design and construction plans for a portion of Penman Road from Coral Way (south) to Coral Way (north). This design will be incorporated into the final construction plans for the project limits under this scope of services. Project improvements include a trail along the east right of way, roundabouts at 4th Ave N, 8th Ave N, 12th Ave N, 15th Ave N (under previous contract), and Arden Way/Seagate Ave (double teardrop), and median and turn lane improvements just north of Beach Blvd.

It is assumed this project will be exempt from stormwater treatment for Environmental Resource Permitting with St. Johns River Water Management District. A FDOT drainage permit will be necessary for improvements at Beach Blvd. There will be no 404 permitting with US Army Corps of Engineers. The ditch along the east side of the road will need to be piped due to the addition of the trail.

Post Design services, such as reviewing shop drawings or responding to contractor requests for additional information, are excluded from this scope of services.

Task - Drainage Analysis

This task consists of a drainage analysis of the stormwater drainage system required for the proposed roadway improvements. Design work shall follow the requirements of the respective regulatory agencies. The objective is to design a stormwater collection and conveyance system for the roadway improvements.

It is anticipated that the proposed roadway improvements will be exempt from stormwater treatment with St. Johns River Water Management District. Pond site alternatives will not be evaluated with this effort. This task includes coordinating permitting requirements with St. Johns River Water Management District staff.

The design of storm drains will be required along portions of the project where improvements impact existing ditches and where ditches must be regraded to meet roadside safety criteria.

Specific Tasks include:

<u>Design of Storm Drains</u>

This task includes the design of the storm drain system anticipated for the project.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

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 Cost Estimate

Prepare cost estimates for the drainage components at 30%, 60%, 90% and Final plan stages.

Field Reviews

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

Technical Meetings

Drainage Meetings with City and/or Agency staff such as design criteria meetings, local government concerns, and regulatory agency coordination.

Bidding Assistance

Providing assistance in preparing construction bid package and responding to bidder's questions during the bid period.

Tasks not included:

Pond Siting Analysis
Stormwater Treatment Alternatives Analysis
Investigations of Underground Storage
Investigations of Offsite Drainage Improvements

Task - Drainage Plans

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

Drainage Map
Drainage Structures
Erosion Control Plan
SWPPP

Task – Permitting (SJRWMD, FDOT)

This task includes regulatory permitting services as they relate to stormwater along the project corridor and providing assistance with an exemption to State Environmental Resource Permitting. This task may involve coordination with project's environmental sub-consultant to respond to environmental questions or requirements. A FDOT Drainage Permit is also anticipated for improvements at Beach Blvd.; a FDOT Access/Driveway Permit may also be required for roadway improvements, but is not included in this scope. 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. Review any other information available from the County or St. Johns River Water Management District and verify background data. This task includes a preliminary field review.

Complete and Submit SJRWMD Verification of Exemption

Includes completion of application, relevant minor attachments and cover letter with project description as well as completion of applicable forms as required. Includes response to agency Requests for Additional Information (RAIs), including necessary revisions to applicable attachments. It is anticipated that the proposed roadway improvements will be exempt from stormwater treatment.

FDOT Drainage Permitting

Includes pre-application meeting with local FDOT permitting office, submitting FDOT Drainage permit for connection to Beach Blvd., to be processed through FDOT's One Stop Permitting (OSP) module, and addressing comments to obtain approval.

Technical Meetings

Engineering Meetings with City and/or Agency staff.

Tasks not included:

Permit Fees
Application for FDOT Access/Driveway Permit

Task – Landscape Analysis

This task consists of a landscape design for proposed raised medians and roundabouts. Tree mitigation will also be included in this task based on City of Jacksonville Beach requirements. Temporary or permanent irrigation may be designed as necessary based on approved landscaping.

A preliminary planting plan will be created for cost estimation and presentation graphics for the public. Anticipated presentation graphics include 2D embellishments of plan view for a roll plot or presentation slides and color rendering of two typical sections. This task does not include any 3D renderings or animated video presentations.

Other services included in this task include providing Bidding Assistance. This involves assistance in preparing construction bid package and responding to bidder's questions during the bid period.

This task does not include landscaping or hardscaping for improvements at site of any underground stormwater storage.

Task - Landscape Plans

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

Tree Mitigation
Landscape Plan
Planting Standards & Details
Irrigation Plan (as needed)

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

Exhibit J

PART I - GENERAL

1. Project Penman Road from Beach Blvd to Seagate Ave Final Design	**2. Proposal Number**
3. Name of Consultant England-Thims and Miller	**4. Date of Proposal** 8/13/2025

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 100.00	2	$ 200.00	
Chief Engineer	$ 83.18	78	$ 6,488.04	
Senior Engineer	$ 74.04	269	$ 19,916.76	
Project Manager	$ 63.95	78	$ 4,988.10	
Project Engineer	$ 51.93	354	$ 18,383.22	
Senior Designer	$ 41.47	95	$ 3,939.65	
Designer	$ 31.49	82	$ 2,582.18	
Senior Landscape Architect	$ 71.52	65	$ 4,648.80	
Landscape Architect	$ 56.13	116	$ 6,511.08	
TOTAL DIRECT LABOR	$59.40	1139		$ 67,657.83
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	200 % x Total Direct Labor			$ 135,315.66
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 202,973.49
8. PROFIT: Labor Related Costs (Item 7)	x		10%	$ 20,297.35

PART III - OTHER COSTS

9. Miscellaneous Direct Costs		
Transportation & Shipping	$ 0.00	
Original Reproducibles	$ 0.00	
Reproduction	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
Traffic	$ 0.00	
Structural Design	$ 0.00	
Environmental/Permitting	$ 0.00	
Other (Specify)	$ 0.00	
SUB-CONTRACT SUB-TOTAL		$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 223,270.84
11. REIMBURSABLE COSTS (Limiting Amount)		
Geotechnical Investigations	$ 0.00	
Permitting Activities	$ 0.00	
Wetland Staking	$ 0.00	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 223,270.84**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Exhibit J

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 4, 2023

Christopher Wilkey, Chief Financial Officer
ENGLAND, THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Wilkey:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.3 - Signalization

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI
- 10.5.1 - Major Bridge CEI - Concrete
- 10.5.2 - Major Bridge CEI - Steel

Group 13 - Planning

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
225.31%	183.97%	0.641%	Reimbursed	No	6.92%	28.31%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

COJ Penman Road from Beach to Seagate
Duval County, Florida ~ ETM Surveying & Mapping, Inc.
Surveying and SUE Scope of Services Rev 8-21-2025

Task 1: Extend Topographic and Drainage Survey, Prepare Sketch and Descriptions

Extract additional data on 4th Avenue to extend the existing topographic survey 50 feet east and west of the existing survey limits.

Survey ~3 miles cumulative pipe network west of Penman Road to Intracoastal Waterway; providing material, size, and invert information as depicted on the graphic received from the client and attached hereto as Exhibit A-1 through A-6. An additional 75 drainage structures are anticipated in this scope.

Prepare a sketch and legal description of parcels as provided by the Engineer of Record that complies with Florida's Board of Professional Surveyors and Mappers Standards of Practice of Chapter 5J-17, Florida Administrative Code, pursuant to Chapter 472, Florida Statutes. The delivery shall consist of a signed and sealed pdf for the parcel mapped. Anticipate rectangular parcels with four courses. Twenty sketch and descriptions are anticipated in this scope.

Task 2: Subsurface Utility Services

Provide subsurface utility engineering services for the project described above. Through our initial design ticket through Sunshine 811, we have found fourteen utility owners with twenty-one utilities within our project vicinity. We anticipate the equivalent of 120 VVH locations within the limits between Beach Blvd and Seagate. The VVH reports will be compiled into a surveyors report that is signed and sealed.

Items Not Included

Boundary Survey
Jurisdictional Wetlands Survey
As-Built Survey
Plat Preparation
County Plat Review
Plat Processing for Recordation
Title Review
Construction Layout
Tree Survey
Document Processing for Recordation
Research/Consultation

Exhibit B
CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project COJ Penman Road Beach Blvd to Sreagate	**2. Proposal No. / Contract No.**
3. Name of Consultant orSubconsultant: ETM Surveying & Mapping, Inc. - Design Survey and SUE	**4. Date of Proposal** August 21, 2025

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
SUR Principal/Project Manager	$ 76.92	55	$ 4,230.60	
SUR Project Surveyor	$ 47.96	65	$ 3,117.40	
SUR Survey Technician	$ 40.97	80	$ 3,277.60	
SUR SUE Sr. Utility Coordinator	$ 43.82	24	$ 1,051.68	
SUR Survey CADD Operator	$ 27.17	180	$ 4,890.60	
SUR SUE Analyst	$ 22.31	24	$ 535.44	
SUR Clerical	$ 23.57	6	$ 141.42	
SUR Party Chief	$ 27.39	125	$ 3,423.75	
SUR Survey Instrument Operator	$ 21.77	125	$ 2,721.25	
SUR Survey Field Assistant	$ 17.85	125	$ 2,231.25	
SUR SUE Crew Chief	$ 36.85	240	$ 8,844.00	
SUR SUE Instrument Technician	$ 21.04	240	$ 5,049.60	
SUR SUE Technician	$ 16.98	240	$ 4,075.20	
TOTAL DIRECT LABOR	$ 28.51	1529		$ 43,589.79
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate	**175** % x Total Direct Labor			$ 76,282.13
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 119,871.92**
8. PROFIT: Labor Related Costs (Item 7)	x		**10%**	$ 11,987.19

PART III - OTHER COSTS

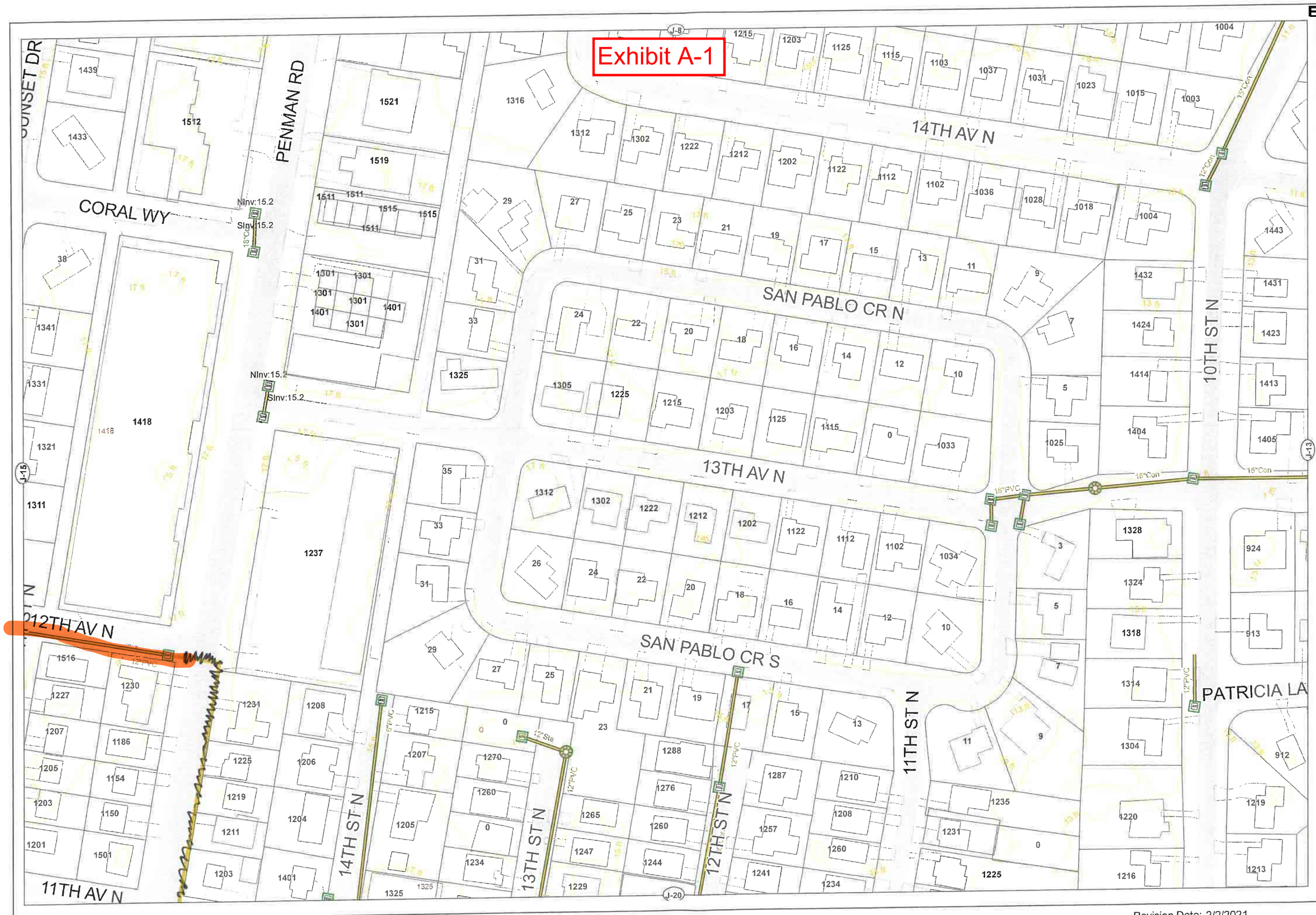
9. Miscellaneous Direct Costs (Lump Sum)		
Printing	$ 0.00	
Transportation & Shipping	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONSULTANTS (Lump Sum)		
	$	
	$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		$ -
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	$	
	$	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	**$ 131,859.11**
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

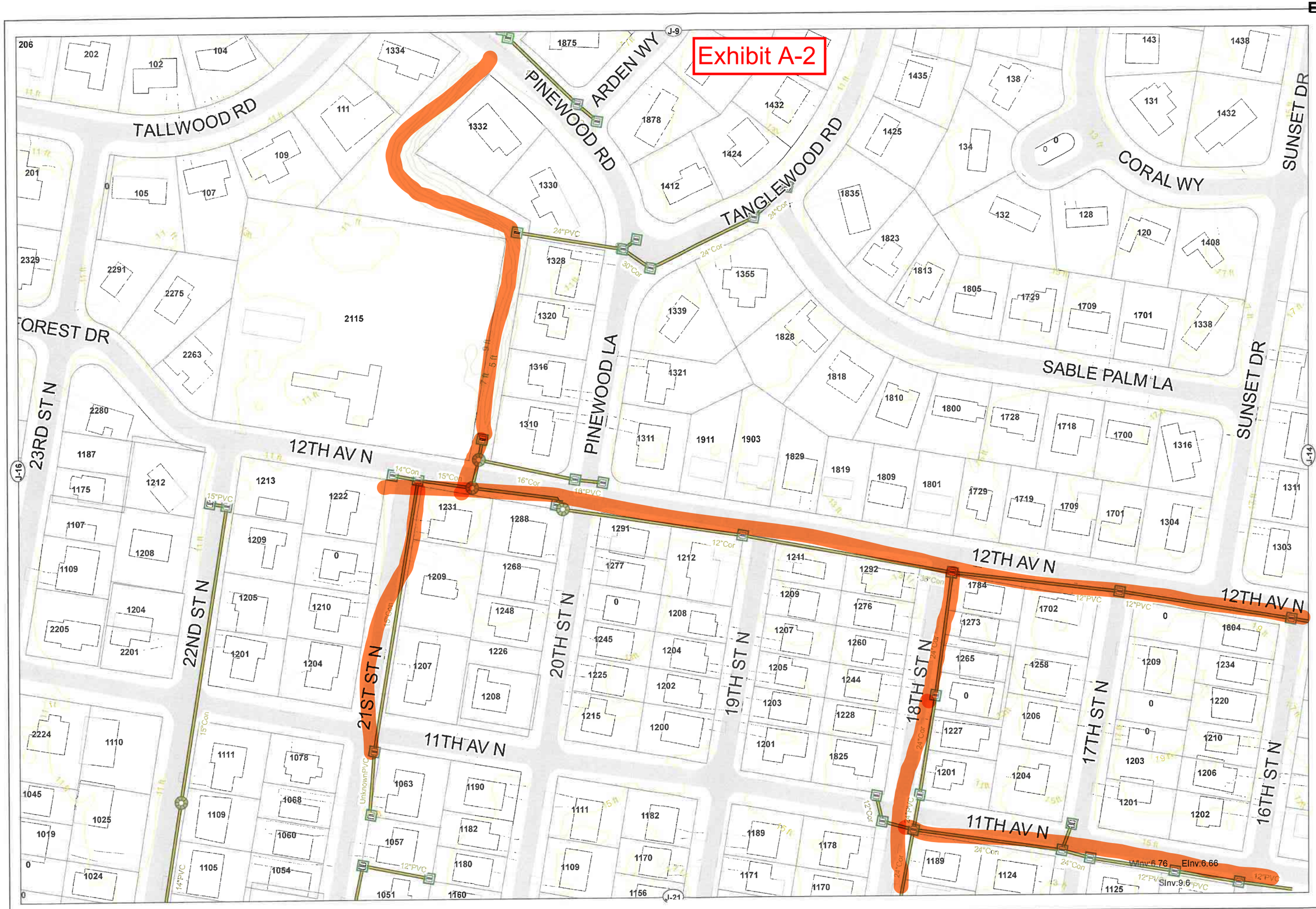
Exhibit J/N

Exhibit A-1



Revision Date: 2/2/2021

Exhibit J



N

75 Feet

Legend

- Manhole
- Inlet/ Structure
- Pump Station
- Gravity Main
- Force Main
- Ditch
- Parcels

Elevation

CONTOUR_EL

- <10 ft
- 10 ft - 20 ft
- >20 ft

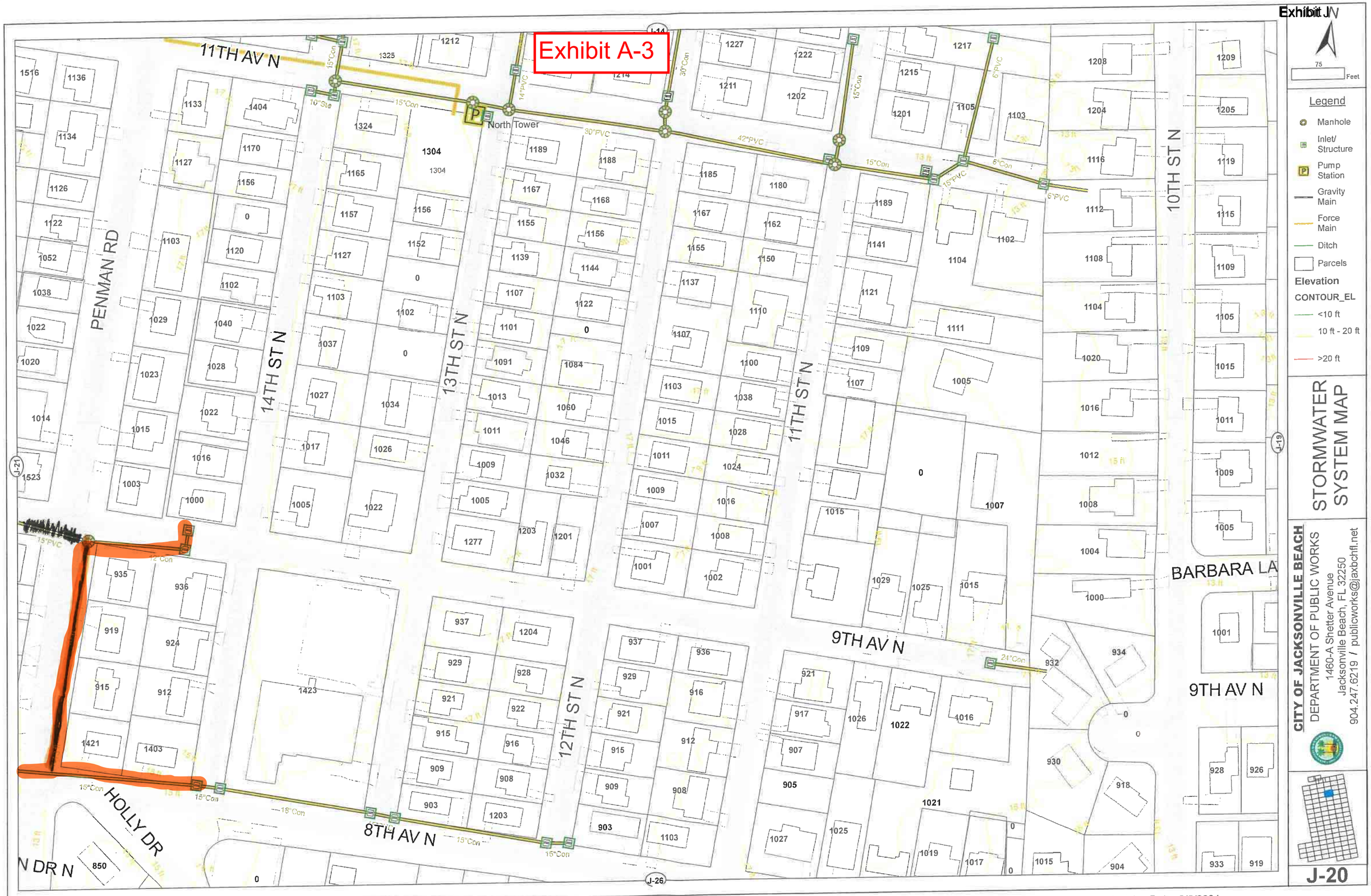
STORMWATER SYSTEM MAP

CITY OF JACKSONVILLE BEACH
DEPARTMENT OF PUBLIC WORKS
1460-A Shetter Avenue
Jacksonville Beach, FL 32250
904.247.6219 / publicworks@jaxbchfl.net

J-15

Revision Date: 2/2/2021

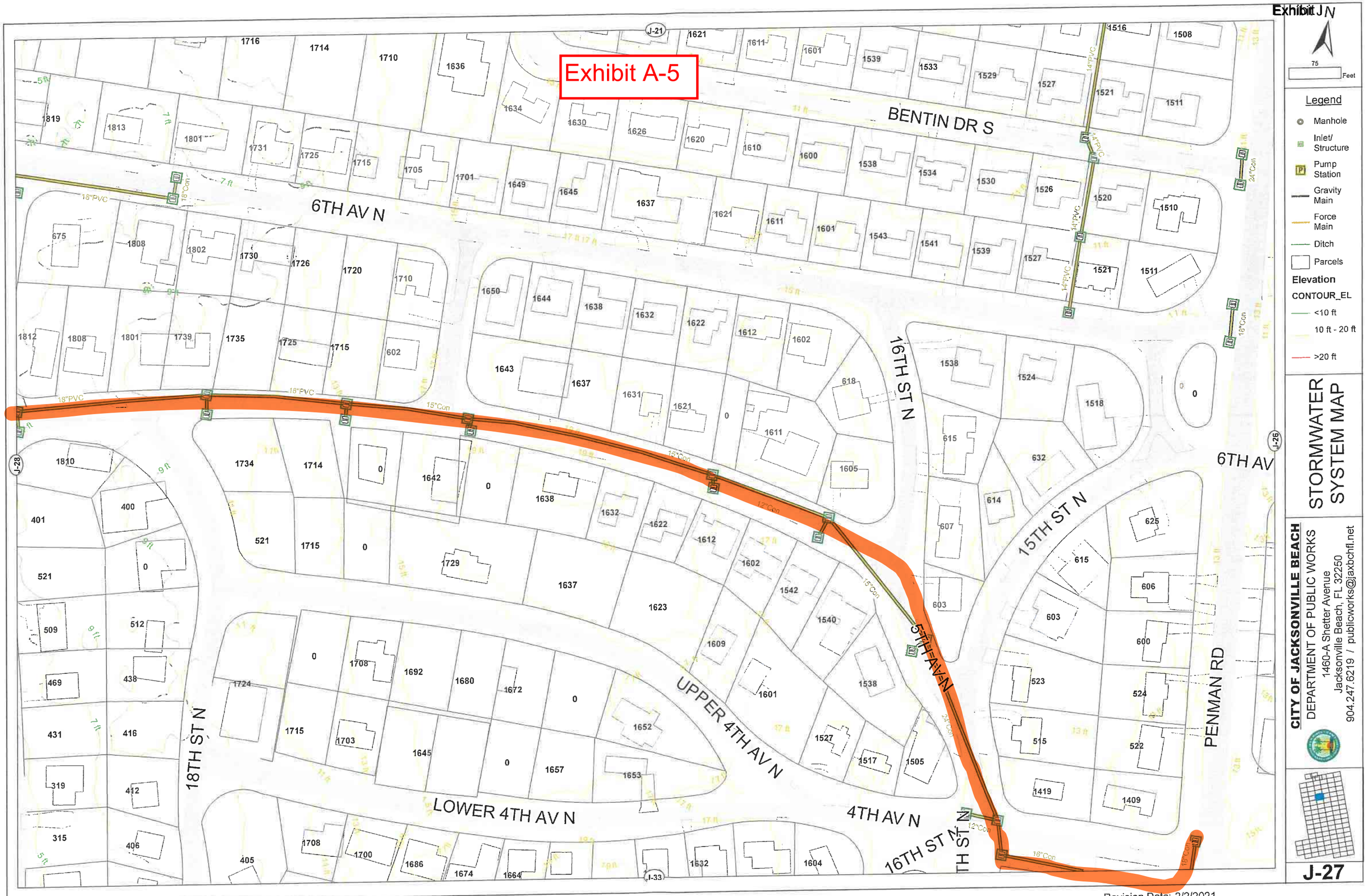
Exhibit J



Revision Date: 2/2/2021

Revision Date: 2/2/2021

Exhibit J



Revision Date: 2/2/2021

Exhibit A-6

Revision Date: 2/2/2021

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

GEOTECHNICAL SCOPE

Penman Road Complete Streets – Beach Boulevard to North of Seagate Avenue

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions for the proposed construction. Based on the information provided, the following table summarizes the requested scope of services.

Test Location	Test No. & Type	Test Depth ft below existing ground
Penman Road, Multi-Use Path, & Lighting (Approx. 7,700 LF)	5 Auger Borings (As needed, delineation) [1]	6
	53 Standard Penetration Test (SPT) Borings [2]	15
	4 Pavement Cores	Upper 2 feet
	7 Bulk Samples (LBR/Corrosion Series Testing)	Upper 5 feet

1. Auger borings will be utilized to delineate the limits of any unsuitable soil along the Multi-Use Path.
2. SPT Borings will be performed every 150 LF along the alignment at each light pole and along the trail to aid in design per the FDOT Soils & Foundations Handbook, minimum number of required borings.
3. Limerock Bearing Ratio (LBR) and Corrosion Series Testing will be performed on bulk samples collected at 1,500 LF centers along the alignment per the FDOT Soils & Foundations Handbook.
4. Pavement Cores will be obtained at the terminus of each segment.

The locations appear to be easily accessible with our truck-mounted drilling equipment with Maintenance-of-Traffic along the roadway alignment.

We will locate the borings using our hand-held GPS equipment, accurate to within 3 meters (+/- 10 feet), as requested. The SPT and auger borings will be performed in general accordance with ASTM D 1586 and ASTM D 1452, respectively. Once the SPT borings are completed, they will be backfilled with grout per St. Johns River Water Management District guidelines. Once the auger borings are completed, they will be backfilled with native soil cuttings. We will take all reasonable precautions to prevent damage to property and will reasonably restore the boring and pavement core locations to the conditions existing prior to the start of our fieldwork.

In accordance with Florida law, we will attempt to locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. We will make every attempt to minimize the need for maintenance of traffic operations, with the exception of signs and cones, as required. It should be noted that the presence of overhead and below grade utilities may require that the boring be offset a minimal distance away from the actual structure location(s).

The recovered soil samples will be described in the field by the field crew. The field logs and samples will be delivered to our laboratory, where the logs will be reviewed, and the samples will be classified by a geotechnical engineer in general accordance with ASTM D2488.

Laboratory classification, soil index tests, and corrosion series testing will be performed in general accordance with ASTM and/or Florida Method (FM) procedures for each applicable test as necessary on selected soil samples to confirm the soil and/or environmental classification and provide engineering

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

characteristics to estimate compressibility. The LBR tests will be performed in general accordance with the FM test method 5-515.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction and general description of the project;
- A boring location plan detailing the location of each boring and type of equipment used;
- Field exploration procedures and soil sampling methods used;
- Graphical representation in profile view of our boring logs and stratification which will detail the number of borings performed, description and thickness of each soil layer, any fluid loss(es) during drilling, and SPT-N values at each sample interval;
- The laboratory test procedures performed, and the results obtained;
- A Pavement Core and Evaluation Summary table detailing the results of the pavement coring program;
- Results of the corrosion series testing and limerock bearing ratio testing;
- Results of the Grain Size Analysis on the creek bed sample, including the D50 result;
- Design LBR using the Mean & 90% Methods;
- A Roadway Soil Survey Sheet;
- Recommendations for engineering design associated with the roadway;
- Recommendations for constructability of the conventional lighting foundations given the soil conditions at each location, and
- Signed and sealed core boring sheets for the project plans.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

Exhibit J

PART I - GENERAL	
1. Project Penman Road Complete Streets - Beach Blvd. to Seagate Ave.	**2. Contract No.** TBD
3. Name of Consultant Meskel & Associates Engineering, PLLC	**4. Date of Proposal** August 15, 2025

PART II - LABOR RELATED COSTS

5. Reimbursable Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	$ 77.03	4	$ 308.12	
Senior Project Engineer	$ 74.76	12	$ 897.12	
Project Manager	$ 51.00	32	$ 1,632.00	
Staff Engineer	$ 32.20	86	$ 2,769.20	
Draftsperson/CADD Operator	$ 26.10	22	$ 574.20	
Senior Field Technician	$ 33.00	43	$ 1,419.00	
Clerical	$ 25.30	17	$ 430.10	
TOTAL REIMBURSABLE LABOR	$37.17	216		$ 8,029.74
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	200 % x Total Direct Labor			$ 16,059.48
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 24,089.22
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$ 2,408.92

PART III - OTHER COSTS

9. Miscellaneous Reimbursable Costs				
Field Exploration				
209-Asphalt Pavement Coring - 4in dia with Base Depth Check	4	$180.00	$ 720.00	
401-Geo Auger Borings-H& & Truck/Mud Bug	30	$12.00	$ 360.00	
427-Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	159	$48.00	$ 7,632.00	
428-Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	0	$56.00	$ 0.00	
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	0	$68.00	$ 0.00	
440-Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	795	$7.50	$ 5,962.50	
441-Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	0	$8.50	$ 0.00	
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	0	$9.50	$ 0.00	
478-Geo SPT Truck/Mud Bug 0-50 Ft	795	$16.00	$ 12,720.00	
479-Geo SPT Truck/Mud Bug 50-100 Ft	0	$19.00	$ 0.00	
480-Geo SPT Truck/Mud Bug 100-150 Ft	0	$30.00	$ 0.00	
498-Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	0	$12.00	$ 0.00	
499-Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	0	$14.00	$ 0.00	
500-Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	0	$16.00	$ 0.00	
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	15	$240.00	$ 3,600.00	
539-Geo Wash Boring, 0-50 Ft	0	$12.50	$ 0.00	
612-Mobilization Drill Rig Truck Mount	1	$600.00	$ 600.00	
GPR Services – Utility Locates, Day	0	$1,300.00	$ 0.00	
MOT Services – Lane Closure, Day	5	$2,500.00	$ 12,500.00	
Laboratory Testing				
817-Soils Moisture Content Laboratory AASHTO T265	60	$21.00	$ 1,260.00	
812-Soils Materials Finer than 200 Sieve FM 1-T011	0	$50.00	$ 0.00	
822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	60	$75.00	$ 4,500.00	
819-Soils Organic Content Ignition FM 1 T-267	20	$50.00	$ 1,000.00	
811-Soils Liquid Limit AASHTO T89	10	$60.00	$ 600.00	
826-Soils Plastic Limit & Plasticity Index AASHTO T90	10	$58.00	$ 580.00	
805-Soils Corrosion Series FM 5-550 through 5-553	7	$230.00	$ 1,610.00	
810-Soils Limerock Bearing Ratio (LBR) FM 5-515	7	$365.00	$ 2,555.00	
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL				$ 56,199.50
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				$ 82,697.64
11. REIMBURSABLE COSTS (Limiting Amount)				
			0.00	
SUB-TOTAL REIMBURSABLES				$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Reimbursable) (Items 5, 6, 8, 9, 10 and 11)	**$ 82,697.64**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Exhibit J

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 16, 2025

Antoinette (Tina) Meskel, President
MESKEL & ASSOCIATES ENGINEERING, PLLC
3728 Philips Highway
Suite 208
Jacksonville, FL 32207
tina@meskelengineering.com

Dear Ms. Meskel:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

9.1 - Soil Exploration
9.2 - Geotechnical Classification Lab Testing
9.3 - Highway Materials Testing
9.4.1 - Standard Foundation Studies
9.5 - Geotechnical Specialty Lab Testing

10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection
10.4 - Minor Bridge & Miscellaneous Structures CEI

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026, for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Field Direct Expense	Published Fee Schedule
287.21%	182.80%	3.316%	Reimbursed	2.91%	0.00%	Yes

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT.PSPrequalification@dot.state.fl.us.

Sincerely,

Philip Pitts
Professional Services Qualification Administrator
PP/YG

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

City of Jacksonville, Florida

Procurement Award Form (PAF)

Part 1 – Form Type: JPAC Award Request: Renewals, Extensions, and Unit Price Increases

Goods and/or Services: Penman Rd Complete Streets Improvements - Neptune Beach

Requested Action and Justification:

Recommend approval of Amendment #3 for Peters and Yaffee. The purpose is to provide engineering design/ construction of the roadway improvements on Penman Road in Neptune Beach from Seagate Avenue to Atlantic Boulevard. Amendment #3 is in the amount of $1,069,003.06, for a new total not to exceed amount of $2,784,999.02.

To be executed via formal contract amendment through the Office of General Counsel

Supplier:	Peters and Yaffee	**Basis of Award:**	N/A	**BID Opening Date:**	8/2/2021

POA #:	71237-21	**PO #:**	628669-21	**Change Order #:**	N/a
Solicitation #:	PDS P-11- 20	**Contract #:**	71237-21	**Contract ADM #:**	3
Term:	Project Completion	**Options:**	N/a	**Options Used:**	N/a

Federally Funded:	Yes	**JSEB Rec:**	Participation
Licenses Verified:	Yes	**JSEB %:**	20
Bonds Required:	No	**Bonds Waived Pursuant To:**	N/A

Fund:	32124	**Center:**	153101	**Acct:**	565051	**Proj:**	010111	**Activity:**	0000000000	$ 1,069,003.06
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$
Fund:		**Center:**		**Acct:**		**Proj:**		**Activity:**		$

New NTE/GMP:	$ 2,784,999.02	**Contingent Amt:**	$ 0.00	**DMP/ODPO Amt:**	$ 0.00

Using Agency/BU:	PWEN:ENGINEERING AND CONSTRUCTION MANAGEMENT			
Concurrence:	Signed by: Scott Carter, P.E. 20991F9ADFC947E...	**Title:**	CHIEF OF ENGINEERING CONSTRUCTION MANAGEMENT	11/5/2025
Concurrence:	1EFA223D5D23487...	**Title:**	DIRECTOR OF PUBLIC WORKS	12/15/2025
Concurrence:		**Title:**		
Concurrence:		**Title:**		

Initial DT
Initial DT

Procurement Analyst/Buyer:	Signed by: Kemp, Benjamin 4CB96DFACE249C...	**Chief of Procurement:**	Signed by: B19F1D5172B2458... 1/6/2026
Name:	Kemp, Benjamin	**Name:**	Dustin L. Freeman

Part 2 – JPAC Action: All award actions subject to lawfully appropriated funds.		**Part 3 – Final Awarding Authority Action:**	
Members who approve:	3	**Action:**	Approved
Members who disapprove:	0	**Signature:**	Signed by: kelli O'Leary 92A2898FE95E4AC...
Date:	1/9/2026	**Date:**	1/9/2026

Signed by:

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

PAF Instructions
Part 1 (using agency)

Form Type: This form will be used for both Administrative Awards and JPAC Requests. Select type from dropdown options.

Goods and/or Services: Enter a brief description of the types of goods and services included in the request.

Requested Action and Justification: Enter a brief description of the requested action or authority being sought. i.e.; *Request permission to award the lowest, responsive responsible bidder for an ITB or award the highest ranked supplier for an RFP.* This block should also be used for additional information such as additional 4th account strings, or other information essential for contract execution.

Supplier: Enter awarded supplier name**.** If multiple, include in "Requested Action and Justification" box.

Basis of Award: Select from Lowest Price Technical Acceptable (LPTA), Highest Price Technical Acceptable (HPTA) or N/A.

Bid Opening Date: The date bids were unsealed by Procurement.

POA #: This is your 1Cloud generated Agreement number. Select Type, Enter Number.

PO #: Enter the PO number or agreement release number.

Change Order #: Provide the applicable change order number represented by this request.

Solicitation #: Select Prefix type, Enter Number, and Year.

Contract #: This number should be the same as your POA number (unless procured prior to 2020)

Contract Amendment #: Provide the applicable amendment number represented by this request.

Term: Select the Period of Performance or Term for the initial period.

Options: Period of time for each renewal or option.

Options Used: Prior to this request, enter how many options were already used.

Federally Funded: Select yes or no from dropdown if Federal Funds will be used.

JSEB Rec: Select Encouragement or JSEB Set Aside Option.

JESB %: If JSEB Participation, enter the percentage.

Bonds Waived Pursuant to: Select option from Drop down.

Funding Sources: Fund/Center/Account/Project/Activity, all fields are required even if zeros.

New NTE/GMP: Enter the new total not to exceed amount. Note, this should match the contract maximum indebtedness, if applicable**.**

Contingent Amount: If your agency requests an allowance for unforeseen additional expenses, then specify the amount of your requested increase and new NTE that represents the contingency allowance. This is over and above any quote.

DMP/ODPO Account: Enter the Direct Materials Purchase/Owner Direct Purchase Order Account. Used mainly for CIP (Capital Improvement/Construction) Projects

Using Agency/BU: Select one from the dropdown list.

Concurrence: Using Agency internal routing requirements for Electronic Signatures (follow Proc Manual for threshold requirements)

Title: Title of person electronically signing form.

Attachments: Included any supplemental information to the Procurement Award Form. i.e.; *Scope of work, previous awards*.

**Any field where there is no data available, or no entry is required, either leave it blank or enter N/A. Any fields where there is known data, include for informational purposes. Any changes to an original award should contain the data that is being changed and any other relevant data required for JPAC review and approval.*

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

APPROVED

Mike Derbaum
10/27/25

EXHIBIT "A"

SCOPE OF SERVICES
October 24, 2025

PROFESSIONAL DESIGN SERVICES FOR
PENMAN ROAD COMPLETE STREES IMPROVEMENTS – NEPTUNE BEACH FINAL DESIGN (FROM SEAGATE AVE TO ATLANTIC BLVD)
RFP NO. P-11-20
CITY OF JACKSONVILLE, FLORIDA

I. PROJECT DESCRIPTION

A. The purpose of this scope of services is to provide engineering design, permitting and all other professional services for the bidding and construction of the roadway improvements on Penman Road in Neptune Beach from Seagate Avenue to Atlantic Boulevard.

B. The project length is approximately 6,200 feet and the limits are as follows:

The project will begin south of Seagate Avenue to Atlantic Boulevard along Penman Road. The project is intended to improve Penman Road within the project limits and will also include the following improvements: side streets, sidewalks and shared use path within the project limits.

C. The scope of this project is based on recommendations included in the Request for Proposals (RFP) P-11-20 for Professional Engineering Services for Penman Road Complete Streets Project from Beach Boulevard to Atlantic Boulevard dated April 2020 and the result of the Penman Road Traffic Study. Services required in providing construction plans include:

- Survey
- Subsurface Utility Exploration (SUE)
- Geotechnical
- Environmental/Permitting/Contamination
- Roadway Design
- Drainage Design
- Landscape Architecture
- Signing and Pavement Marking Design
- Lighting Design
- Signalization
- Maintenance of Traffic
- Pedestrian Bridge and Structural Design
- Utility Coordination
- Public Involvement

Roadway Design: Provide a single roundabout design for the intersection of Penman Road at Florida Avenue/Forrest Blvd. Pavement rehabilitation will also be included and will provide milling and resurfacing, widening and shoulder improvements. Mid-Block crossings will also be provided within the project limits. Improvements for existing

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

residential and commercial driveways, sidewalks, shared use path and side streets within the project limits will also be a part of this project.

Drainage: Ditch Conveyance System to be replaced and redesigned as a closed pipe system as required for the Penman Road Improvements project. Will coordinate with the City of Neptune Beach for any additional drainage deficiencies within these project limits.

Landscape Architecture: Landscape Design and Tree Mitigation analysis will be included. Plans to be provided based on the impacts of the roadway improvements within the project limits.

Signing and Pavement Marking Design: Provide pavement markings within the pavement improvement areas, sign replacements impacted due to roadway improvements and proposed signing and pavement markings at the mid-block crossings.

Lighting Design: To include review of existing intersection lighting within the project limits and to provide additional lighting for pedestrian crossings within the project limits. Coordinate with the maintaining agency for lighting preferences and equipment. Add lighting at intersection of Penman Road at Florida Avenue/Forrest Blvd and along the roadway corridor within the project limits.

Signalization Design: To include review of existing signalization within the project limits and to provide additional signalization for pedestrian crossings within the project limits. Coordinate with the maintaining agency for signalization preferences at the mid-block crossings. Remove the existing signalization at intersections of Penman Road at Florida Avenue/Forrest Blvd and provide modifications to the signal at Penman Road and Atlantic Boulevard.

Maintenance of Traffic: Temporary Maintenance of Traffic Plans will be provided to address movement of vehicles, pedestrians and bicyclists within the project limits during construction.

Utility Coordination: To include efforts needed to address utility conflicts and resolution which will include: collection and review of existing utilities, utility design coordination with UAOs, providing utility conflict matrix, utility work schedules and final utility close-out.

Structural Design: To include efforts needed to gather data for existing conditions and conduct field review. Prepare Bridge Development Report (Bridge Hydraulic Study) for the recommended bridge structure for the proposed pedestrian bridge. Prepare final design, inclusive of construction plans, specifications, supporting engineering analysis, calculation and provide engineering cost estimate.

Public Involvement: To include set-up, attendance at the public meeting and preparation of a meeting summary. The summary includes a copy of all slides, boards, handouts, completed sign-in sheets and completed comment forms. Task to include follow-up with public meeting comments and responses.

D. Consultant will prepare for inclusion with City's Contract Documents detailed construction drawings and specifications to show the work to be constructed. Project design/plans/submittal review phases will include: 60%, 90%, 100% and Final Plans submittals.

Consultant will advise City of any adjustment of the opinion of probable construction cost estimates for the project caused by changes in scope, design requirements, and construction unit costs, and furnish a revised opinion of probable construction cost estimates for the project.

Consultant will assist City to prepare bid documents and evaluate bids submitted including compliance with specifications, costs, and ability of the bidder to perform the work and any other substantial factors.

II. PROJECT TASK REQUIREMENTS

A. Task 1 – Preliminary Engineering Services

Preliminary engineering services will include necessary analysis and design support services to facilitate final design of the project. This task will include the field review(s), survey, subsurface utility engineering (SUE), geotechnical investigation, environmental services and utility coordination.

Task 1.1 Design Survey

Consultant will provide a topographic 3D survey and right-of-way of the project limits to include enough information to prepare design plans for bidding and construction purposes. Tasks include:

- Prepare a topographic 3D survey for design purposes of Penman Road at the proposed pedestrian bridge. The survey will combine laser scanning and conventional survey to populate the DTM. The survey will extend from the Penman Road existing right of way 50 feet and along the canal water way right of way lines 50 feet and will be referenced to NAD83/2011 horizontal datum and the NAVD88 vertical datum.
- The survey will include existing features including existing CBC, the existing pedestrian bridge including low member elevation, driveways, water meters, valve covers, mail boxes, the two exposed utilities on the east side including elevation and pipe size, existing sheet pile walls, existing riprap, the driveway at the south end, pipe near south end of proposed pedestrian bridge. Up to a total of six channel cross sections upstream and downstream of the CBC as coordinated with bridge hydraulics engineer.
- A topographic 3D survey for design purposes. The surveyed data will be referenced to NAD83/2011 horizontal datum and NAVD88 vertical datum.
- A right of way control survey to accurately determine and place the right of way. This effort will include the survey of subdivisions adjoining the project corridor, research of plats and right of way maps available in the Public Records of Duval County.
- 3D survey information for all drainage structures within the limits of the project will be included in the survey. Pipe sizes, types and inverts will be obtained.

The deliverables will consist of digital data (CADD) files of the survey data in a format suitable for civil engineering design and a signed and sealed topographic survey.

Task 1.2 SUE Services

Consultant will provide subsurface utility engineering services for the project described in Section I.

Perform Quality Level A locates after 60% plans approval.

The underground utility designation will be surveyed and incorporated into the digital file and signed and sealed survey from Task 1.1.

Provide subsurface utility engineering services for the project described above providing designating for the area impacted by the proposed pedestrian bridge and with a maximum of 10 test holes as directed by the Engineer of Record.

Task 1.3 Geotechnical Investigation

Consultant will provide geotechnical investigation of the project limits to include sufficient information to prepare design plans for construction purposes. Tasks will include:

- SPT Borings (20) for the Penman Road widening on both sides of the roadway will be performed to aid in design of the roadway widening, sidewalk, and shared use path per the FDOT Soils & Foundations Handbook.
- Auger borings with Pavement cores will be performed at six locations to aid in pavement design withing the project limits and for Penman Road in Neptune Beach from Seagate Avenue to Atlantic Boulevard per the FDOT Soils & Foundations Handbook.
- Limerock Bearing Ratio (LBR) will be performed on bulk samples collected along Penman Road within the project limits per the FDOT Soils & Foundations Handbook.
- Recovery and description of soil samples. Field logs and samples will be delivered to the laboratory, where the logs will be reviewed, and the samples will be classified by a geotechnical engineer in general accordance with ASTM D2488. The asphalt surface course samples from the pavement cores will be returned to the laboratory to confirm the asphalt thickness.
- Laboratory classification, soil index tests, and corrosion series testing will be performed in general accordance with ASTM and/or Florida Method (FM) procedures for each applicable test as necessary on selected soil samples to confirm the soil and/or environmental classification and provide engineering characteristics to estimate compressibility. The LBR tests will be performed in general accordance with the FM test method 5-515.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction and general description of the project;
- A boring location plan detailing the location of each boring and type of equipment used;

- Field exploration procedures and soil sampling methods used;
- Graphical representation in profile view of our boring logs and stratification which will detail the number of borings performed, description and thickness of each soil layer, any fluid loss(es) during drilling, and SPT-N values at each sample interval;
- The laboratory test procedures performed, and the results obtained;
- Design LBR using the Mean & 90% Methods;
- Roadway Soil Survey Sheet;
- Signed and sealed boring sheets for the project plans.

Task 1.4 Environmental Services

Consultant will provide coordination for wetland delineation investigation within the project limits to include sufficient information to prepare design plans for construction purposes. Tasks will include:

- Consultant will delineate (as needed) the on-site jurisdictional wetlands pursuant to the current regulations and guidance of the St. Johns River Water Management District (SJRWMD), Florida Department of Environmental Protections (FDEP), and the U.S. Army Corps of Engineers (USACE).

State Environmental Resource Permitting, Chapter 62-330, F.A.C.

- Consultant will prepare all necessary documentation and graphics required for submittal of the permit application to SJRWMD. This task includes assisting with permit application preparation, mitigation plan preparation, conservation easement and mitigation bank coordination (as needed), responses to agency Requests for Additional Information, and attendance at meetings with the regulatory agency as needed.

Federal Clean Water Act Section 404 Permitting

- Consultant will prepare all necessary documentation and graphics required for submittal of a federal Clean Water Act Section 404 permit application. This task includes permit application preparation, mitigation plan preparation, conservation easement and mitigation bank coordination (as needed), responses to agency Requests for Additional Information, and attendance at meeting with the regulatory agency as needed.

Contamination

- Consultant to review and prepare report on contamination.

Task 1.5 Utility Services

Utility Coordination

- Locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. Every attempt to minimize the need for maintenance of traffic operations will be made, with the exception of signs and cones, as required. It should be noted that the presence of overhead and below grade utilities may

require that the borings be offset a minimal distance away from the actual structure location(s).

B. Task 2 – Construction Plans

Consultant will prepare construction plans in accordance with latest editions of the FDOT Standard Specifications for Road and Bridge Construction, Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook), City Standard Specifications and Details and Land Development Procedures Manual, and regulations and policies of applicable permitting agencies.

Task 2.1 – 60% Plans Submittal

Consultant will prepare 60% construction plans. The plans will include sufficient information and detail to demonstrate the overall design intent. The index of plans for this phase submittal will include: (Some sheets maybe be eliminated or modified by combining information on other sheets).

- Cover/Key Sheet
- Signature Sheet
- Typical Section/Details
- Roadway Plans
- Cross Sections
- Drainage Plans
- Signing and Pavement Marking Plans
- Signalization Plans
- Lighting Plans
- Structural Plans
- Landscape / Tree Mitigation Plans
- Estimate of Probable Construction Cost

Task 2.2 – 90% Plans Submittal

Consultant will prepare 90% construction which will incorporate any changes, refinements, or modifications necessary following COJ review of the previous submittal. In addition to the sheets submitted as part of the 60% Plans, the following sheets and/or information will be included in this submittal.

- General Notes
- Survey Reference Points
- Miscellaneous Drainage Details
- Drainage Structures
- Traffic Control Plans
- Utility Adjustment Sheets (Limited to showing adjustments provided by UAOs, does not include design of adjustments for UAOs)
- Sedimentation and Erosion Control Plans

- Tabulation of Quantities
- Estimate of Probable Construction Cost
- Utility Location Plan
- Draft Specifications (Section 31)

Task 2.3 – 100% Plans Submittal
Consultant will prepare 100% construction plans which will incorporate any changes, refinements, or modifications necessary following COJ review of the previous submittal. The index of plans for this phase submittal will be as identified in Task 2.1 and 2.2 and/or as may be modified per Consultant discretion. Additionally, the following will be submitted with this submittal.

- Cost Estimate
- Specifications/Bid Package Documents

Task 2.4 – Final Plans Submittal
Consultant will prepare Final construction plans. The Final construction plans will be based on the comments received from City review of the 100% plans in Task 2.3. A final opinion of probable construction costs will be provided with this submittal. The index of plans for this phase submittal will be as identified in Task 2.1 and 2.2 and/or as may be modified per Consultant discretion.

Upon request from the City, Consultant will provide all CADD files and subconsultant documents developed for the project including signed and sealed plans and survey and geotechnical reports.

III. PROJECT SUBMITTAL REQUIREMENTS

Project submittal requirements will be as included under previous Section II of this scope of services and as supplemented following:

A. Utility Coordination. Consultant will coordinate and provide project design intent plans at the earliest time possible to assist utility agency owners (UAOs) in locating their facilities for the purpose of identifying and resolving conflicts with the proposed design/construction. This effort will also include collection and review of existing utilities, utility design coordination with UAOs, providing utility conflict matrix, utility work schedules and final utility close-out.

B. Final Design (60%, 90%, 100% and Final). For 60%, 90% and 100% submittals, Consultant will provide one (1) set in Electronic Format (.pdf) to City Project. For the Final submittal, Consultant will provide Construction Plan Set in Electronic Format (.pdf) to City Project Manager.

C. Opinion of Probable Construction Cost Estimates. Provide one (1) copy (.pdf) to City Project Manager for review and comment. These estimates will be provided with the 60%, 90%, 100% and Final submittals.

D. Design Reviews. Consultant will allow a 20-workday review time by City for the plans submittal and, if requested by City, will attend a review conference and prepare meeting minutes documenting same. In addition, if directed by City, a complete review may be held at the project site. Consultant will allow 35 workdays review time for the 90% submittal to

include City Development Services Group (CDSG) Review. Any changes, refinements, or modifications developed in each review will be incorporated into the design or otherwise disposed of before proceeding to follow-on design work. City will provide consolidated plans markups and/or written comments for each submittal, which will be returned with the next follow-up submittal showing Consultant's response to City comments.

E. As-Built Drawings. Not required to be provided by Consultant. City will coordinate with selected construction contractor to provide as-built drawings and all related document requirements.

IV. OTHER PROJECT REQUIREMENTS / CLARIFICATIONS

A. City will provide Consultant with available right-of-way information/data along the corridor to supplement that obtained by the project proposed survey services as indicated in Task 1.1.

B. Consultant will provide dialogue with City Right-of-Way and Stormwater Maintenance Division, Traffic Engineering Division, Engineering Division, and JEA Water & Sewer Business Unit as appropriate.

C. Consultant will provide dialogue with affected utility agencies as appropriate.

D. Plans will be submitted electronically by Consultant to UAOs, as noted above, with intent UAOs will promptly and accurately provide location of their respective facilities within the project limits.

E. Underground utilities are anticipated to be located by respective UAOs that may be impacted and will be marked on the surface by a representative of the UAO. Existing as-built information will be incorporated and field-verified as necessary. All pertinent vertical information on pipe, inverts, conduits, etc., will be obtained where possible. Should additional verification of subsurface utilities requiring excavation be necessary, soft-dig (VVH) services will be performed to locate and determine the elevation of existing underground utilities that may conflict with the proposed improvements. Costs for soft-dig (VVH) services are included in the reimbursable portion of the Contract Fee Summary included herewith.

F. Trees maybe impacted as part of the project. The Consultant will mitigate accordingly based on the City of Neptune Beach Tree Protection guideline criteria.

G. Plans will be standard half-scale 11”x17” pdfs for all submittals. Additionally, Consultant will submit all drawings in electronic form using a standard .dgn and/or .pdf format if requested by the City at the completion of the project.

H. Specifications will be provided on standard 8½" x 11" pdfs.

I. City will be the Owner of the final documents.

J. Consultant will take notes of all design/review meetings held with City agencies. These notes shall be transcribed and furnished to City Project Manager for concurrence as soon as practical after the date of the meeting.
Consultant will be required to attend or participate in any public information meetings that may be held or conducted by City.

K. Consultant will assist City concerning interpretation of the intent of the contract documents during the bidding/negotiation period by answering bidder inquiries and preparing required addenda. This will include shop drawing review.

L. Consultant will provide post-design services as requested by the City.

M. Consultant will work directly with City Project Manager as the sole point of contact regarding this project.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

N. City Project Manager will notify Consultant in writing regarding changes to the project that will require modification to this scope of services.

V. ESTIMATED TIME SCHEDULE

The revised project schedule will be completed after final notice to proceed.

VI. PROGRESS REPORTING

Consultant will provide a monthly project progress status report to City as part of each monthly invoice submittal. In the event of unforeseen delays, Consultant will attempt to mitigate these delays and report on actions taken to maintain the original schedule. Any changes made to the schedule will be explained. Significant activities for the past month and projected activities for the next month will be highlighted in the progress status report.

VII. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and a Notice to Proceed is issued that specifically authorizes such work.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Penman Road Improvements - Phase 3 (Neptune Beach)	**2. Proposal Number** COJ P-11-20
3. Name of Consultant Peters and Yaffee, Inc.	**4. Date of Proposal** 10/24/2025

PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Enigneer	$ 100.00	102	$ 10,200.00	
Chief Engineer	$ 77.38	234	$ 18,106.92	
Senior Engineer	$ 59.32	675	$ 40,041.00	
Project Engineer	$ 48.50	844	$ 40,934.00	
Senior Designer	$ 35.07	506	$ 17,745.42	
Engineering Intren	$ 35.31	675	$ 23,834.25	
Engineering Technician	$ 33.18	338	$ 11,214.84	
TOTAL DIRECT LABOR	$48.04	3374		$ 162,076.43
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 175 % x Total Direct Labor				$ 283,633.75
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 445,710.18
8. PROFIT: Labor Related Costs (Item 7) x 10%				$ 44,571.02

PART III - OTHER COSTS		
9. Miscellaneous Reimbursable Costs		
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
ETM - Drainage/Landscaping Design	$ 244,112.19	
STV - Structural Design	$ 198,709.81	
Taylor - Drainage Design (BHR)	$ 31,703.63	
SUB-CONTRACT SUB-TOTAL		$ 474,525.63
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 964,806.83
11. REIMBURSABLE COSTS (Limiting Amount)		
ETM -Survey/SUE	$ 22,503.82	
MAE - Geotechnical	$ 81,692.41	
SUB-TOTAL REIMBURSABLES		$ 104,196.23

PART IV - SUMMARY	
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 1,069,003.06**
12. PRIOR CONTRACT AMOUNT (Through Amendment #3)	**$ 1,715,995.96**
AMENDED AMOUNT OF CONTRACT	**$ 2,784,999.02**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 13, 2025

Dow Peters, III, President
PETERS AND YAFFEE, INC.
9822 Tapestry Park Circle
Suite 205
Jacksonville, FL 32246

Dear Mr. Peters:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

3.1 - Minor Highway Design
3.2 - Major Highway Design

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing
6.3.1 - Intelligent Transportation Systems Analysis and Design

7.1 - Signing, Pavement Marking and Channelization
7.2 - Lighting
7.3 - Signalization

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026, for contracting purposes.

Approved Rates

Home Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Published Fee Schedule
191.86%	0.341%	Reimbursed	0.33%	No

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT.PSPrequalification@dot.state.fl.us.

Sincerely,

Philip Pitts
Professional Services Qualification Administrator
PP/DH

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project Penman Road from Seagate Ave to Atlantic Blvd	**2. Proposal Number** COJ P-11-20
3. Name of Consultant England-Thims and Miller	**4. Date of Proposal** 10/9/2025

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Enigneer	$ 100.00	2	$ 200.00	
Chief Engineer	$ 83.18	88	$ 7,319.84	
Senior Engineer	$ 74.04	306	$ 22,656.24	
Project Manager	$ 63.95	89	$ 5,691.55	
Project Engineer	$ 51.93	405	$ 21,031.65	
Senior Designer	$ 41.47	98	$ 4,064.06	
Designer	$ 31.49	80	$ 2,519.20	
Senior Landscape Architect	$ 71.52	58	$ 4,148.16	
Landscape Architect	$ 56.13	113	$ 6,342.69	
TOTAL DIRECT LABOR	$59.70	1239		$ 73,973.39

6. Overhead (Combined Fringe Benefit & Administrative)		
Overhead Rate	200 % x Total Direct Labor	$ 147,946.78
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)		$ 221,920.17
8. PROFIT: Labor Related Costs (Item 7)	x 10%	$ 22,192.02

PART III - OTHER COSTS

9. Miscellaneous Reimbursable Costs		
Transportation & Shipping	0.00	
Original Reproduction	0.00	
Reproduction	0.00	
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
Traffic	$ 0.00	
Structural Design	$ 0.00	
Environmental/Permitting	$ 0.00	
Other (Specify)	$ 0.00	
SUB-CONTRACT SUB-TOTAL		$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 244,112.19
11. REIMBURSABLE COSTS (Limiting Amount)		
Geotechnical Investigations	$ 0.00	
Permitting Activities	$ 0.00	
Wetland Staking		
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 244,112.19**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 4, 2023

Christopher Wilkey, Chief Financial Officer
ENGLAND, THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Wilkey:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design
3.2 - Major Highway Design
3.3 - Controlled Access Highway Design

Group 6 - Traffic Engineering and Operations Studies

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

7.1 - Signing, Pavement Marking and Channelization
7.3 - Signalization

Group 10 - Construction Engineering Inspection

10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection
10.4 - Minor Bridge & Miscellaneous Structures CEI
10.5.1 - Major Bridge CEI - Concrete
10.5.2 - Major Bridge CEI - Steel

Group 13 - Planning

13.4 - Systems Planning
13.5 - Subarea/Corridor Planning
13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
225.31%	183.97%	0.641%	Reimbursed	No	6.92%	28.31%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Scope of Services

Penman Road Complete Streets – Seagate Ave to Atlantic Blvd

England-Thims & Miller Inc.

Project Description

This project is for the complete design and preparation of final construction plans of Penman Road from north of Seagate Ave to Atlantic Blvd, a length of 1.2 miles. Project improvements include a trail along the east right of way, roundabouts at Florida Blvd/Forest Ave and Oceanwood Dr S/Poinsettia Dr, and median and turn lane improvements just south of Atlantic Blvd. This project will not include intersection improvements at Seagate Ave.

It is assumed this project will be exempt from stormwater treatment for Environmental Resource Permitting with St. Johns River Water Management District. A FDOT drainage permit will be necessary for improvements at Atlantic Blvd. There will be no 404 permitting with US Army Corps of Engineers. The ditch along the east side of the road will need to be piped due to the addition of the trail.

Post Design services, such as reviewing shop drawings or responding to contractor requests for additional information, are excluded from this scope of services.

Task - Drainage Analysis

This task consists of a drainage analysis of the stormwater drainage system required for the proposed roadway improvements. Design work shall follow the requirements of the respective regulatory agencies. The objective is to design a stormwater collection and conveyance system for the roadway improvements.

It is anticipated that the proposed roadway improvements will be exempt from stormwater treatment with St. Johns River Water Management District. Pond site alternatives will not be evaluated with this effort. This task includes coordinating permitting requirements with St. Johns River Water Management District staff.

The design of storm drains will be required along portions of the project where there will be a reconstructed curb and gutter typical section, where improvements impact existing ditches, and where ditches must be regraded to meet roadside safety criteria.

Specific Tasks include:

<u>Design of Storm Drains</u>

This task includes the design of the storm drain system anticipated for the project.

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 Cost Estimate

Prepare cost estimates for the drainage components at 30%, 60%, 90% and Final plan stages.

Field Reviews

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

Technical Meetings

Drainage Meetings with City and/or Agency staff such as design criteria meetings, local government concerns, and regulatory agency coordination.

Bidding Assistance

Providing assistance in preparing construction bid package and responding to bidder's questions during the bid period.

Tasks not included:

Pond Siting Analysis
Stormwater Treatment Alternatives Analysis
Modification of canal culvert between Twelve Oaks Lane and Lighty Lane
Bridge Hydraulics Report

Task - Drainage Plans

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

Drainage Map
Drainage Structures
Erosion Control Plan
SWPPP

Task – Permitting (SJRWMD, FDOT)

This task includes regulatory permitting services as they relate to stormwater along the project corridor and providing assistance with an exemption to State Environmental Resource Permitting. This task may involve coordination with project's environmental sub-consultant to respond to environmental questions or requirements. A FDOT Drainage Permit is also anticipated for improvements at Atlantic Blvd.; a FDOT Access/Driveway Permit may also be required for roadway improvements, but is not included in this scope. 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. Review any other information available from the County or St. Johns River Water Management District and verify background data. This task includes a preliminary field review.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Complete and Submit All Required SJRWMD Applications

Includes completion of application, relevant minor attachments and cover letter with project description as well as completion of applicable forms as required. Includes response to agency Requests for Additional Information (RAIs), including necessary revisions to applicable attachments. It is anticipated that the proposed roadway improvements will be exempt from stormwater treatment.

FDOT Drainage Permitting

Includes pre-application meeting with local FDOT permitting office, submitting FDOT Drainage permit for connection to Atlantic Blvd., to be processed through FDOT's One Stop Permitting (OSP) module, and addressing comments to obtain approval.

Technical Meetings

Engineering Meetings with City and/or Agency staff.

Tasks not included:

Permit Fees
Application for FDOT Access/Driveway Permit

Task – Landscape Analysis

This task consists of a landscape design for proposed raised medians and roundabouts. Tree mitigation will also be included in this task based on City of Neptune Beach requirements. Temporary or permanent irrigation may be designed as necessary based on approved landscaping.

A preliminary planting plan will be created for cost estimation and presentation graphics for the public. Anticipated presentation graphics include 2D embellishments of plan view for a roll plot or presentation slides and color rendering of two typical sections. This task does not include any 3D renderings or animated video presentations.

Other services included in this task include providing Bidding Assistance. This involves assistance in preparing construction bid package and responding to bidder's questions during the bid period.

Task - Landscape Plans

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

Tree Mitigation
Landscape Plan
Planting Standards & Details
Irrigation Plan (as needed)

Exhibit B
CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project COJ Penman Roadpedestrian Bridge	**2. Proposal No. / Contract No.**
3. Name of Consultant orSubconsultant: ETM Surveying & Mapping, Inc. - Design Survey and SUE	**4. Date of Proposal** December 5, 2024

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
SUR Principal/Project Manager	$ 76.92	4	$ 307.68	
SUR Project Surveyor	$ 47.96	8	$ 383.68	
SUR Survey Technician	$ 40.97	24	$ 983.28	
SUR SUE Sr. Utility Coordinator	$ 43.82	4	$ 175.28	
SUR Survey CADD Operator	$ 27.17	16	$ 434.72	
SUR SUE Analyst	$ 22.31	6	$ 133.86	
SUR Clerical	$ 23.57	4	$ 94.28	
SUR Party Chief	$ 27.39	40	$ 1,095.60	
SUR Survey Instrument Operator	$ 21.77	40	$ 870.80	
SUR Survey Field Assistant	$ 17.85	40	$ 714.00	
SUR SUE Crew Chief	$ 36.85	30	$ 1,105.50	
SUR SUE Instrument Technician	$ 21.04	30	$ 631.20	
SUR SUE Technician	$ 16.98	30	$ 509.40	
TOTAL DIRECT LABOR	$ 26.95	276		$ 7,439.28
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate		**175** % x Total Direct Labor		$ 13,018.74
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 20,458.02**
8. PROFIT: Labor Related Costs (Item 7)		x	**10%**	$ 2,045.80

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)		
Printing	$ 0.00	
Transportation & Shipping	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONSULTANTS (Lump Sum)		
	$	
	$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		$ -
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	$	
	$	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	**$ 22,503.82**
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Prepare a topographic 3D survey for design purposes of Penman Road at the proposed pedestrian bridge. The survey will combine laser scanning and conventional survey to populate the DTM. The survey will extend from the Penman Road existing right of way 50 feet and along the canal water way right of way lines 50 feet and will be referenced to NAD83/2011 horizontal datum and the NAVD88 vertical datum. The survey will include existing features including existing CBC, the existing pedestrian bridge including low member elevation, driveways, water meters, valve covers, mail boxes, the two exposed utilities on the east side including elevation and pipe size, existing sheet pile walls, existing riprap, the driveway at the south end, pipe near south end of proposed pedestrian bridge. Up to a total of six channel cross sections upstream and down stream of the CBC as coordinated with bridge hydraulics engineer.

Prepare a TIITF easement sketch to a safe upland line and provide Mean High-Water data that is available from the State of Florida. This scope of services does not provide for a mean high water survey.

The location and mapping of improvements will be limited to above ground visible evidence only. Pipe sizes, types and inverts will be obtained where accessible from the surface through manholes and inlets. The deliverables will consist of digital data (CADD) files of the survey data in MicroStation SS10 format suitable for civil engineering design, TIN file, GPK file, control points in a project control sheet and a signed and sealed topographic survey.

Task 2: **Subsurface Utility Services – at Proposed Pedestrian Bridge**

Provide subsurface utility engineering services for the project described above providing designating for the area impacted by the proposed pedestrian bridge and with a maximum of 10 test holes as directed by the Engineer of Record.

Items Not Included

Boundary Survey
Jurisdictional Wetlands Survey
As-Built Survey
Plat Preparation
County Plat Review
Plat Processing for Recordation
Mean High Water Survey
Title Review
Construction Layout
Tree Survey
Sketch and Legal Description
Research/Consultation
Document Processing for Recordation

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

August 16, 2023

Scott Graham, Vice President
ETM SURVEYING & MAPPING, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Graham:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 8 - Survey and Mapping

8.1 - Control Surveying
8.2 - Design, Right of Way & Construction Surveying
8.3 - Photogrammetric Mapping
8.4 - Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
210.53%	1.098%	Reimbursed	No	4.78%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Penman Road Complete Streets - Seagate Ave. to Atlantic Blvd.	**2. Contract No.** TBD
3. Name of Consultant Meskel & Associates Engineering, PLLC	**4. Date of Proposal** November 25, 2024

PART II - LABOR RELATED COSTS

5. Reimbursable Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	$ 77.03	5	$ 385.15	
Senior Project Engineer	$ 74.76	13	$ 971.88	
Project Manager	$ 51.00	39	$ 1,989.00	
Staff Engineer	$ 32.20	104	$ 3,348.80	
Draftsperson/CADD Operator	$ 26.10	26	$ 678.60	
Senior Field Technician	$ 33.00	52	$ 1,716.00	
Clerical	$ 25.30	21	$ 531.30	
TOTAL REIMBURSABLE LABOR	$37.00	260		$ 9,620.73
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate	200 % x Total Direct Labor			$ 19,241.46
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 28,862.19
8. PROFIT: Labor Related Costs (Item 7)		x	10%	$ 2,886.22

PART III - OTHER COSTS

9. Miscellaneous Reimbursable Costs				
Field Exploration				
209-Asphalt Pavement Coring - 4in dia with Base Depth Check	13	$180.00	$ 2,340.00	
401-Geo Auger Borings-H& & Truck/Mud Bug	288	$12.00	$ 3,456.00	
427-Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	59	$48.00	$ 2,832.00	
428-Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	20	$56.00	$ 1,120.00	
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	10	$68.00	$ 680.00	
440-Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	360	$7.50	$ 2,700.00	
441-Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	100	$8.50	$ 850.00	
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	50	$9.50	$ 475.00	
478-Geo SPT Truck/Mud Bug 0-50 Ft	360	$16.00	$ 5,760.00	
479-Geo SPT Truck/Mud Bug 50-100 Ft	100	$19.00	$ 1,900.00	
480-Geo SPT Truck/Mud Bug 100-150 Ft	50	$30.00	$ 1,500.00	
498-Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	100	$12.00	$ 1,200.00	
499-Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	50	$14.00	$ 700.00	
500-Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	0	$16.00	$ 0.00	
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	15	$240.00	$ 3,600.00	
539-Geo Wash Boring, 0-50 Ft	0	$12.50	$ 0.00	
612-Mobilization Drill Rig Truck Mount	1	$600.00	$ 600.00	
GPR Services – Utility Locates, Day	0	$1,300.00	$ 0.00	
MOT Services – Lane Closure, Day	4	$2,500.00	$ 10,000.00	
Laboratory Testing				
817-Soils Moisture Content Laboratory AASHTO T265	60	$21.00	$ 1,260.00	
812-Soils Materials Finer than 200 Sieve FM 1-T011	30	$50.00	$ 1,500.00	
822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	30	$75.00	$ 2,250.00	
819-Soils Organic Content Ignition FM 1 T-267	12	$50.00	$ 600.00	
811-Soils Liquid Limit AASHTO T89	12	$60.00	$ 720.00	
826-Soils Plastic Limit & Plasticity Index AASHTO T90	12	$58.00	$ 696.00	
805-Soils Corrosion Series FM 5-550 through 5-553	6	$230.00	$ 1,380.00	
810-Soils Limerock Bearing Ratio (LBR) FM 5-515	5	$365.00	$ 1,825.00	
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL				$ 49,944.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				$ 81,692.41
11. REIMBURSABLE COSTS (Limiting Amount)			0.00	
SUB-TOTAL REIMBURSABLES				$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Reimbursable) (Items 5, 6, 8, 9, 10 and 11)	**$ 81,692.41**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

GEOTECHNICAL SCOPE

Penman Road Complete Streets – Seagate Avenue to Atlantic Boulevard

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions for the proposed construction. Based on the information provided, the following table summarizes the requested scope of services.

Test Location	Test No. & Type	Test Depth ft below existing ground
Penman Road & Multi-Use Path (Approx. 6,000 LF)	48 Auger Borings [1]	6
	13 Standard Penetration Test (SPT) Borings [2]	20
	13 Pavement Cores	Upper 2 feet
	8 Bulk Samples (LBR/Corrosion Series Testing)	Upper 5 feet
Pedestrian Bridge Over Intracoastal Waterway (Single-Span Bridge, 100 LF)	2 Standard Penetration Test (SPT) Borings [2]	125
	1 Bulk Sample (Creek bed, D50 for Hydraulic Analysis) [4]	Upper 5 feet

1. Auger borings for Penman Road resurfacing and the Multi-Use Path will be performed every 100 LF to aid in design of the alignment per the FDOT Soils & Foundations Handbook, minimum number of required borings.
2. SPT Borings will be performed every 500 LF along the alignment and at each end of the Pedestrian Bridge to aid in design per the FDOT Soils & Foundations Handbook, minimum number of required borings.
3. Limerock Bearing Ratio (LBR) and Corrosion Series Testing will be performed on bulk samples collected at 1,500 LF centers along the alignment per the FDOT Soils & Foundations Handbook.
4. A bulk sample of the creek bed soils will be collected to aid with hydraulic analysis.
5. Pavement Cores will be obtained within each lane of Penman Road and within the planned roundabout at the intersection of Penman Road, Florida Boulevard, and Forest Avenue.

The locations appear to be easily accessible with our truck-mounted drilling equipment with Maintenance-of-Traffic along the roadway alignment.

We will locate the borings using our hand-held GPS equipment, accurate to within 3 meters (+/- 10 feet), as requested. The SPT and auger borings will be performed in general accordance with ASTM D 1586 and ASTM D 1452, respectively. Once the SPT borings are completed, they will be backfilled with grout per St. Johns River Water Management District guidelines. Once the auger borings are completed, they will be backfilled with native soil cuttings. We will take all reasonable precautions to prevent damage to property and will reasonably restore the boring and pavement core locations to the conditions existing prior to the start of our fieldwork.

In accordance with Florida law, we will attempt to locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. We will make every attempt to minimize the need for maintenance of traffic operations, with the exception of signs and cones, as required. It should be noted that the presence of overhead and below grade utilities may require that the boring be offset a minimal distance away from the actual structure location(s).

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

The recovered soil samples will be described in the field by the field crew. The field logs and samples will be delivered to our laboratory, where the logs will be reviewed, and the samples will be classified, by a geotechnical engineer in general accordance with ASTM D2488.

Laboratory classification, soil index tests, and corrosion series testing will be performed in general accordance with ASTM and/or Florida Method (FM) procedures for each applicable test as necessary on selected soil samples to confirm the soil and/or environmental classification and provide engineering characteristics to estimate compressibility. The LBR tests will be performed in general accordance with the FM test method 5-515.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction and general description of the project;
- A boring location plan detailing the location of each boring and type of equipment used;
- Field exploration procedures and soil sampling methods used;
- Graphical representation in profile view of our boring logs and stratification which will detail the number of borings performed, description and thickness of each soil layer, any fluid loss(es) during drilling, and SPT-N values at each sample interval;
- The laboratory test procedures performed, and the results obtained;
- A Pavement Core and Evaluation Summary table detailing the results of the pavement coring program;
- Results of the corrosion series testing and limerock bearing ratio testing;
- Results of the Grain Size Analysis on the creek bed sample, including the D50 result;
- Design LBR using the Mean & 90% Methods;
- A Roadway Soil Survey Sheet;
- Recommendations for engineering design associated with the roadway;
- Recommendations for shallow and deep foundation alternatives for the pedestrian bridge including an analysis of each foundation alternative, pile group settlement, constructability, and soil parameters for use by others for lateral soil-pile analysis using FB Multipier, and
- Signed and sealed core boring sheets for the project plans.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 20, 2024

Antoinette Meskel, President
MESKEL & ASSOCIATES ENGINEERING, PLLC
3728 Philips Highway, Suite 208
Jacksonville, Florida 32207

Dear Ms. Meskel:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

9.1	Soil Exploration
9.2	Geotechnical Classification Laboratory Testing
9.3	Highway Materials Testing
9.4.1	Standard Foundation Studies
9.5	Geotechnical Specialty Laboratory Testing
10.1	Roadway Construction Engineering Inspection
10.3	Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2025, for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Home Direct Expense	Field Direct Expense	Published Fee Schedule
271.79%	170.04%	3.026%	Reimbursed	5.66%	0.00%*	Yes

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Exhibit B
CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project	2. Proposal No. / Contract No.
Penman Road Improvements Pedestrian Bridge over Hopkins Creek	TBD
3. Name of Consultant orSubconsultant:	**4. Date of Proposal**
STV Incorporated	1/16/2025

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	$96.89	67	$ 6,462.56	
Senior Engineer	$89.40	200	$ 17,888.94	
Design Engineer	$57.48	267	$ 15,335.66	
Engineering Intern	$39.68	267	$ 10,586.62	
CADD/Computer Tech	$41.85	467	$ 19,539.77	
Clerical	$36.65	67	$ 2,444.56	
TOTAL DIRECT LABOR	$ 54.17	1334		$ 72,258.11
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	**150** % x Total Direct Labor			$ 108,387.17
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 180,645.28**
8. PROFIT: Labor Related Costs (Item 7)		x	**10%**	$ 18,064.53

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)		
Printing	$ 0.00	
Transportation & Shipping	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONSULTANTS (Lump Sum)		
Taylor Engineering (BHR)	$	$ 31,703.63
	$	
	$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		$ 31,703.63
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	$	
	$	
	$	
	$	
	$	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	**$ 230,413.44**
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

SCOPE OF
SERVICES

DESIGN AND BID DOCUMENTS

PENMAN ROAD PEDESTRIAN BRIDGE OVER HOPKINS CREEK

BRIDGE AND STRUCTURAL DESIGN

November 27, 2024

I. PROJECT DESCRIPTION

STV Incorporated (SUB-CONSULTANT) shall provide and perform the following professional services, which shall constitute the general scope of Basic Services under the covenants, terms, and provisions of City of Jacksonville (COJ) Engineering and Design Services for Penman Road Project. As part of the proposed roadway project, a new pedestrian Bridge is proposed over Hopkins creek, a canal to the Intracoastal Waterway, as shown in Fig. 1

Final selected span layout and length of the new structure is dependent on engineering analysis, site constraints and permitting requirements. The requirements will be established through coordination with the pertinent agencies as part of the design phase.

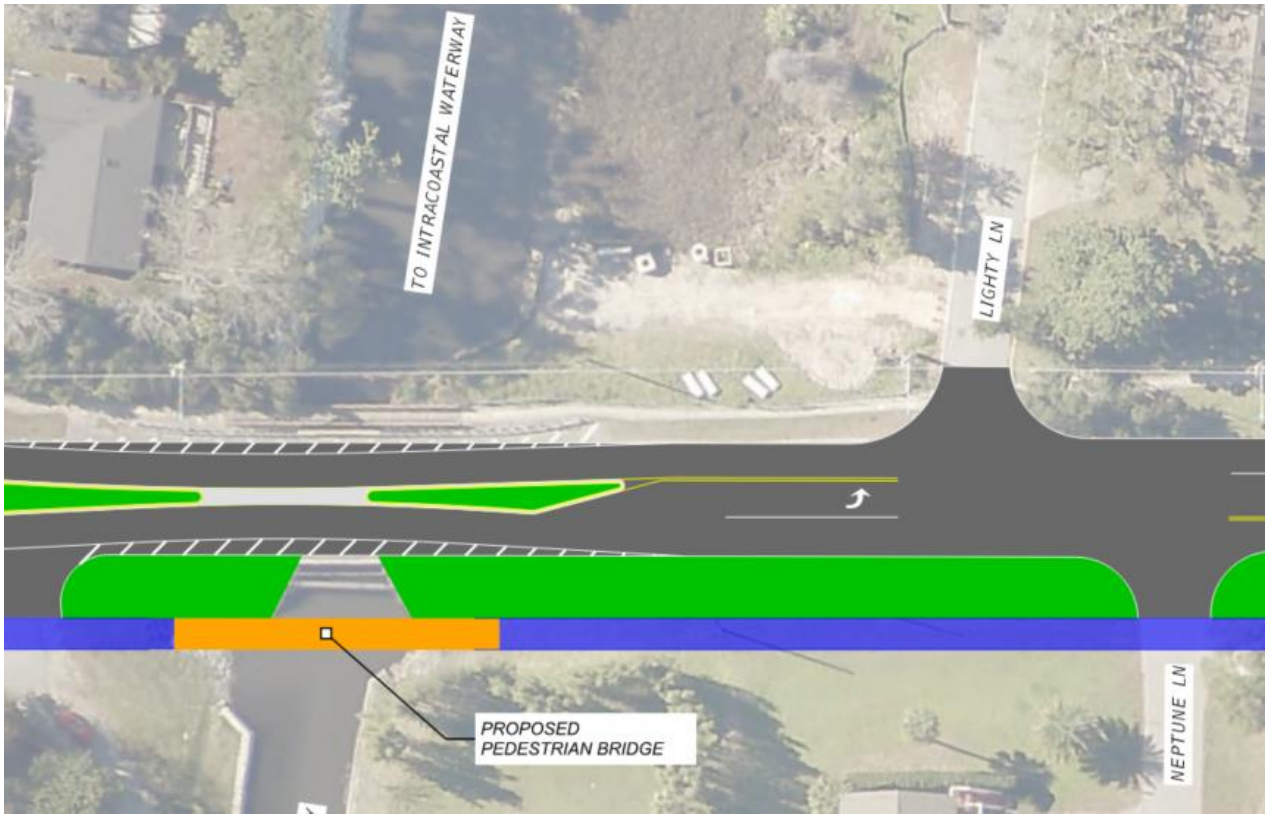


Fig. 1 Site Plan of proposed pedestrian bridge

SUB-CONSULTANT shall gather data for the existing conditions, conduct field review. Prepare Bridge Development Report for the recommended bridge structure for the proposed pedestrian bridge. Prepare final design, inclusive of construction plans, specifications, supporting engineering analysis, calculations and provide engineering cost estimates in accordance with Florida Department of Transportation (FDOT) Manuals & Standards and City of Jacksonville policy, procedures and requirements (Effective January 2025).

It is assumed that only the tasks pertaining to Bridge/Structural engineering services required as part of the design consistent with preferred Concept plans are included as part of this scope. Services listed within Section IV – Exclusions will be considered as additional services to be negotiated at a later time, as applicable.

II. BRIDGE /STRUCTURAL DESIGN REQUIREMENTS

TASK 1 – STRUCTURES – GENERAL TASKS

The SUB-CONSULTANT shall analyze, design, and develop contract documents for structures stated within the project description.

The SUB-CONSULTANT shall provide Design Documentation to COJ with each submittal consisting of structural design calculations and other supporting documentation developed during the development of the plans. The design calculations submitted shall adequately address the complete design of all structural elements. These calculations shall be neatly and logically presented on digital media or on 8 ½”x11” paper and all sheets shall be numbered. The final design calculations shall be signed and sealed by a Florida-licensed professional engineer. A cover sheet indexing the contents of the calculations shall be included and the engineer shall sign and seal that sheet. All computer programs and parameters used in the design calculations shall include sufficient backup information to facilitate the review task.

Following is a summary of General Tasks required as part of the structural design and plans preparation phase.

- Key Sheet and Index of Drawings
- Project Layout
- General Notes and Bid Item Notes
- Miscellaneous Common Details
- Incorporate Report of Core Borings
- Standard Plans - Bridges
- Existing Bridge Plans
- Assemble Plan Summary Boxes and Quantities
- Cost Estimate
- Technical Special Provisions
- Field Reviews
- Technical Meetings

- Quality Assurance/Quality Control
- Supervision
- Coordination

TASK 2 - BRIDGE DEVELOPMENT REPORT

The SUB-CONSULTANT shall prepare a Bridge Development Report (BDR). The BDR shall be submitted independently prior to the 30% plans submittal and shall include structure recommendations for the proposed pedestrian bridge over Hopkins creek.

Following items summarize the work effort for the BDR Task.

General Requirements

- Bridge Geometry

Superstructure Alternatives

- Short-Span Concrete (Prestressed Slabs (FSB))
- Medium Span Concrete (Florida I-beams)
- Structural Steel Bridge (Prefab Truss Option)

Foundation and Substructure Alternatives

- Pier/Bent
- Shallow Foundations
- Deep Foundations

Other BDR Issues

- Aethetics
- Constructability Requirements
- Quantity and Cost Estimates
- Wall Justification

Report Preparation

- Exhibits
- Report Preparation
- BDR Submittal Package

TASK 3 - FINAL BRIDGE DESIGN & PLANS

The SUB-CONSULTANT shall prepare plans for the proposed pedestrian Bridge over Hopkins Creek. This assumes short span concrete superstructure as the preferred alternative but will also cover the prefab steel Truss option if selected based on final coordination.

Following is a summary of the anticipated work effort.

General Layout Design and Plans

- Overall Bridge Final Geometry
- Expansion/Contraction Analysis
- General Plan and Elevation
- Construction Staging Considerations
- Approach Slab Plan and Details

End Bent Design and Plans

- End Bent Geometry
- End Bent Structural Design
- End Bent Plan and Elevation
- End Bent Details

Intermediate Bent Design and Plans

- Bent Geometry
- Bent Stability Analysis
- Bent Structural Design
- Bent Plan and Elevation
- Bent Details

Miscellaneous Substructure Design and Plans

- Foundation Layout

Superstructure Design and Plans

- Finish Grade Elevation Calculation
- Finish Grade Elevations

Prestressed Beam Design (FSB)

- Prestressed Slab Unit Design
- Prestressed Slab Unit Layout
- Prestressed Slab Unit Details and Schedule
- Deck Topping Reinforcing Layout
- Superstructure Sections and Details

Reinforcing Bar Lists

- Preparation of Reinforcing Bar List

TASK 4 – BRIDGE HYDRAULIC ANALYSIS AND RECOMMENDATIONS

Taylor Engineer as a SUB-CONSULTANT to STV Incorporated, shall establish the hydraulics and clearance criteria for proposed new pedestrian over Hopkins creek, a canal to Intracoastal Waterway, and document it as part of Bridge Hydraulics report (BHR) and also provide parameters for Bridge Hydraulics recommendations Sheet and scour Calculations.

Following items summarize the work effort.

4.1 Bridge Hydraulics Report (BHR)

4.1.1 Data Collection and Site Visit

Collect and review available data. Visit the bridge site to evaluate the stream characteristics, hydraulic properties, and the channel geometries.

4.1.2 Hydrologic Modeling

Develop a hydrologic model of the site. The results from this model will provide the upstream boundary conditions for the hydraulic model.

4.1.3 Hydraulic Modeling

Taylor Engineering will develop a hydraulic model to determine the hydraulic characteristics of the site for the existing and proposed configuration. Taylor Engineering will include the latest available bathymetric and topographic data and cross-section data provided by STV. Taylor Engineering will apply an existing two-dimensional hydraulic model of the St Johns River and Intracoastal Waterway to establish downstream tide and storm surge boundary condition for the bridge model.

4.1.4 Estimate Bridge Scour and Riprap Requirements

Taylor Engineering will follow FDOT and HEC-18 procedures to estimate the structure-induced scour at the proposed bridge for storm events required by the FDOT Drainage Manual. This scour estimate will include contraction and abutment scour. Taylor Engineering will also determine the size and extent of the riprap required for bridge abutment protection.

4.1.5 Prepare a Bridge Hydraulic Report (BHR)

Taylor Engineering will document the hydraulic model results (stage and velocity), scour
estimates and wave loads at the bridge. We will provide the hydraulic data for a Bridge
Hydraulic Recommendation Sheet (BHRS) but will not complete a BHRS.

4.2 Bridge Hydraulic Recommendations

SUB-CONSULTANT will prepare Bridge Hydraulics Recommendation Sheet summarizing results of the Bridge Hydraulic Analysis for inclusion with the contract bridge plans for the proposed pedestrian Bridge.

4.3 Bridge Slope Protection Details

SUB-CONSULTANT will prepare detail plan sheets to show slope protection details for the proposed pedestrian Bridge consistent with the Bridge Hydraulics Recommendations Sheet.

III. SUBMITTALS/DELIVERABLES

Bridge Development Report (BDR) with 30% Plans

- BDR
- 30% Bridge Plans
- Bridge Hydraulics Report (BHR) - Draft
- Preliminary Geotechnical Report (Under Separate Cover By Others)
- 30% Cost Estimate

60% Submittal (Permit Plans)

- 60% Bridge Plans
- Bridge Hydraulics Report (BHR) – Final
- Final Geotechnical Report (Under Separate Cover By Others)

90% Submittal

- 90% Bridge Plans
- 90% Bridge Design Calculations
- 90% Cost Estimate
- Draft Specifications

100% Submittal

- 100% Bridge Plans
- 100% Bridge Design Calculations
- 100% Cost Estimate
- Final Specifications

Final Submittal

- Sign & Sealed Bridge Plans
- Sign & Sealed Bridge Hydraulics Report
- Sign and Sealed Specifications (Bridge related portions)

The deliverables shall include:

- One .pdf file of the plans provided on a CD
- CAD drawing (.DGN files)

IV. EXCLUSIONS

The following tasks are not included in the Scope of Work for this Agreement:

1. Services During Construction upon contract award.
2. Construction Engineering and Inspection Services.
3. Corrective actions necessitated by design changes resulting from contractor action are not in included and will be the responsibility of the contractor. All corrective actions will require a submittal to the Engineer for review and the review effort will be part of additional services under services during construction.
4. As-Built Plans.

V. TIME SCHEDULE

The design schedule for design services shall be as follows: This Assumption is based on a 2-week COJ Review Period for above submittals.

Bridge Design/Permit Schedule (To be coordinated with overall Roadway Design Schedule)				
Bridge/structures design		**Permitting**		**Coordination remarks/comments**
Task or Milestone	Estimated Duration* (from NTP)	Task or Milestone	Estimated Duration (from NTP)	
Notice to Proceed	NTP			
		Fieldwork Completed	14	
BDR/30% Submittal	60		45	Setup Preapp meeting/conf call with permitting agencies to confirm all submittal requirements and general idea of what we will be permitting to get early guidence and avoid surprises.
COJ Review	75			
60% Submittal	105			
COJ Review	120			
		ERP Submittal upon 60% plans	120	Recommend starting permit at 60% to allow 6 months for obtaining the permit before the bid plans = 300-120 =180 days.
		USACE Permit Submittal upon 60% plans	120	
90% Submittal	210			
COJ Review	220			
		Site review with SRJWMD	225	
		Site review with USACE for	235	
100% Submittal	250			
COJ Review	265			
		Receive ERP after 100% COJ approval	300	Permits are obtained at this time.
		Receive USACE permit after 100% COJ approval	320	
Final Sign & Sealed Submittal (Bid Plans)	350			

**Calendar Days, not work days.*

VI. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and Notice to Proceed is issued which specifically authorizes such work.

Exhibit B
CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project Penman Road Pedestrian Bridge Over Hopkins Creek	**2. Proposal No. / Contract No.** TBD
3. Name of Consultant orSubconsultant: Taylor Engineering, Inc.	**4. Date of Proposal** November 26, 2024

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	$ 72.79	20	$ 1,455.80	
Project Manager	$ 67.85	20	$ 1,356.92	
Design Engineer	$ 67.35	60	$ 4,040.79	
Designer or Technician	$ 33.85	80	$ 2,708.08	
Drafter/CADD	$ 44.57	0	$ 0.00	
Field Inspector			$ 0.00	
Clerical	$ 22.78	2	$ 45.57	
TOTAL DIRECT LABOR	$ 52.79	182		$ 9,607.16
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate **200** % x Total Direct Labor				$ 19,214.32
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 28,821.48**
8. PROFIT: Labor Related Costs (Item 7) x **10%**				$ 2,882.15

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)		
Printing	$ 0.00	
Transportation & Shipping	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONSULTANTS (Lump Sum)		
	$	
	$	
	$	
	$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		$ -
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	$	
	$	
	$	
	$	
	$	
	$	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	**$ 31,703.63**
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

From: Owens, Jeffrey
To: Laura Rosenbaum
Cc: Cook, Jonathan; Walls, Kelly; Kell, Carliayn; Matiyow, Angela
Subject: Taylor Engineering, Inc. - approval memo for FYE 12/31/23
Date: Tuesday, September 3, 2024 9:17:45 AM
Attachments: image002.png

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

This Office has completed a review of the audit report information submitted by Taylor Engineering, Inc. for the period ending December 31, 2023. The rates we have accepted are listed below. This approval allows the Consultant to pursue contracts in excess of the $500,000 threshold. ***This Firm is not a Professional Services Firm as defined by Rule Chapter 14-75.***

REVIEW OF AUDIT REPORT

CONSULTANT NAME	Taylor Engineering, Inc.	*F/Y Ended*	12/31/23	*Rate Expiration Date*	7/1/25
CPA'S NAME	Stambaugh Ness, Inc.	*DATE of RECEIPT*	9/3/24	*AUDIT DATE*	5/20/24

REPORT STATUS

ACCEPTED	*REJECTED*	*OT PREMIUM*	*Reimb. Actual Expenses*
X		Reimbursed (Excl or Reimb)	NO

COST BASED RATES

OVERHEAD		DIRECT EXPENSE			
Home	*Field*	*Home*	** Field*	*FCCM*	*Published Fee Schedule*
214.12%		3.71%		0.648%	NO

FID # 59-2850478

**** This firm can only be used to perform non-professional services. If your services fall into one of FDOT's standard work types for professional services as defined in Rule 14-75, F.A.C., you must be pre-qualified as a professional services firm. Please reach out to the State Professional Services Engineer or State Procurement Manager for additional questions.**

Jeffrey B. Owens
Procurement Office
Florida Department of Transportation
850-414-4539

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Taylor Engineering

Penman Road Pedestrian Bridge Hydraulic Study

– SCOPE OF SERVICES –

The City of Jacksonville requires engineering plans to construct a pedestrian bridge on the east side of Penman Road across a canal connecting to the Intracoastal Waterway. The design requires a bridge hydraulic study. Taylor will develop the bridge hydraulic study.

TASK 1 Data Collection and Site Visit

Taylor Engineering will collect and review available data. Taylor Engineering will visit the bridge site to evaluate the stream characteristics, hydraulic properties, and the channel geometries.

TASK 2 Hydrologic Modeling

Taylor Engineering will develop a hydrologic model of the site. The results from this model will provide the boundary conditions for the hydraulic model.

TASK 3 Hydraulic Modeling

Taylor Engineering will develop a hydraulic model to determine the hydraulic characteristics of the site for the existing and proposed configuration. Taylor Engineering will include the latest available bathymetric and topographic data and cross-section data provided by STV. Taylor Engineering will apply an existing two-dimensional hydraulic model of the St Johns River and Intracoastal Waterway to establish downstream tide and storm surge boundary condition for the bridge model.

TASK 4 Estimate Bridge Scour and Riprap Requirements

Taylor Engineering will follow FDOT and HEC-18 procedures to estimate the structure-induced scour at the proposed bridge for storm events required by the FDOT *Drainage Manual*. This scour estimate will include contraction and abutment scour. Taylor Engineering will also determine the size and extent of the riprap required for bridge abutment protection.

TASK 5 Documentation

Taylor Engineering will document the hydraulic model results (stage and velocity), scour estimates and wave loads at the bridge. We will provide the hydraulic data for a Bridge Hydraulic Recommendation Sheet (BHRS) but will not complete a BHRS.

DELIVERABLES

- Hydraulic report for the proposed bridge, digitally signed and sealed

Taylor Engineering - Staff Hour Estimate for Bridge Hydraulic Study

Hours

Task		Principal Eng.	PM	Design Eng	Designer/Tech	Clerical
1	**Data Collection and Site Visit**		4	8	2	
2	**Hydrologic Modeling**	8	4	6	20	
3	**Hydraulic Modeling**	8	4	6	40	
4	**Estimate Bridge Scour and Riprap Requirements**	2	4	24	10	
5	**Documentation**	2	4	16	8	2
	Total	20	20	60	80	2

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: **Peters and Yaffee, Inc.**

Project Title: **Penman Road Complete Streets Improvements Phase 3 – Neptune Beach (Seagate Ave to Atlantic Blvd)**

Proposal Number: **P-11-20** Total Base Proposal Amount (if applicable): **$1,069,003.06**

***Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage
Meskel & Associates, PLLC	Woman	Geotechnical Design	$81,692.41
Peters and Yaffee, Inc.	Non-MBE	Roadway Design	$490,281.20
ETM	Non-MBE	Drainage/Landscape Design	$244,112.19
ETM Surveying & Mapping, Inc.	Non-MBE	Design Survey & SUE	$22,503.82
STV	Non-MBE	Structural Design	$198,709.81
Taylor Engineering	Non-MBE	Drainage Design (BHR)	$31,703.63

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	**$0**
Hispanic-American Participation Total	**$0**
Native-American Participation Total	**$0**
Asian-American Participation Total	**$0**
Woman Participation Total	**$81,692.41**
Non-MBE Participation Total	**$987,310.65**

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: Dow W. Peters III Title: President Date: October 24, 2025

Print Name: Dow W. Peters III

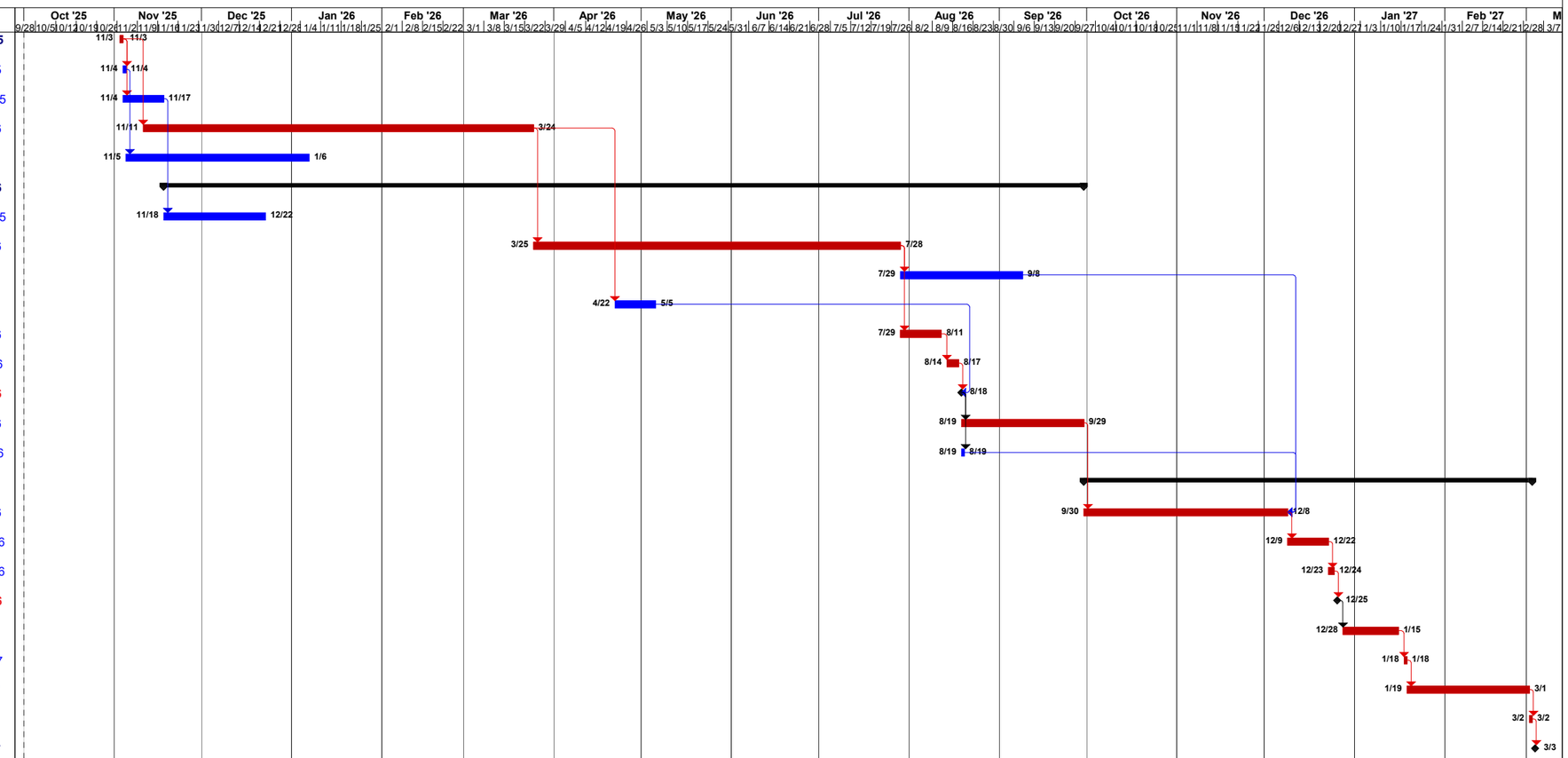
Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

TENTATIVE PROJECT SCHEDULE

Penman Road Complete Streets Project

City of Jacksonville Beach (Beach Blvd to Seagate Ave)
City of Neptune Beach (Seagate Ave to Atlantic Blvd)

ID	Activity	Duration	Start	Finish
1	**Notice To Proceed**	**1 day**	**Mon 11/3/25**	**Mon 11/3/25**
2	Kickoff Meeting	1 day	Tue 11/4/25	Tue 11/4/25
3	Project Activity/Event Schedule	10 days	Tue 11/4/25	Mon 11/17/25
4	Survey	96 days	Tue 11/11/25	Tue 3/24/26
5	Pavement Survey by MAE	45 days	Wed 11/5/25	Tue 1/6/26
6	**COJ 10-Set Design Submittal**	**45.2 wks**	**Tue 11/18/25**	**Tue 9/29/26**
7	Prepare ADA Survey Report	25 days	Tue 11/18/25	Mon 12/22/25
8	Prepare 60% Design	90 days	Wed 3/25/26	Tue 7/28/26
9	SJRWMD Permitting	30 days	Wed 7/29/26	Tue 9/8/26
10	Prepare Design Exceptions/Variations	10 days	Wed 4/22/26	Tue 5/5/26
11	Peters and Yaffee QA/QC of 60% Design	10 days	Wed 7/29/26	Tue 8/11/26
12	Update Cost Opinion	2 days	Fri 8/14/26	Mon 8/17/26
13	**60% Design Submittal**	**1 day**	**Tue 8/18/26**	**Tue 8/18/26**
14	COJ Review of 60% Design Submittal	30 days	Wed 8/19/26	Tue 9/29/26
15	Utility Contact	1 day	Wed 8/19/26	Wed 8/19/26
16	**COJ 10-Set Resubmittal Plans**	**22 wks**	**Wed 9/30/26**	**Tue 3/2/27**
17	Prepare 10-Set Design	50 days	Wed 9/30/26	Tue 12/8/26
18	Peters and Yaffee QA/QC of Phase II Design	10 days	Wed 12/9/26	Tue 12/22/26
19	Update Cost Opinion	2 days	Wed 12/23/26	Thu 12/24/26
20	**10-Set Design Submittal**	**1 day**	**Fri 12/25/26**	**Fri 12/25/26**
21	COJ Review of 10-Set Design Submittal	15 days	Mon 12/28/26	Fri 1/15/27
22	Utility Design Conference	1 day	Mon 1/18/27	Mon 1/18/27
23	Utility Work Schedules	30 days	Tue 1/19/27	Mon 3/1/27
24	Post 10-Set Resubmittal Workshop (if needed)	1 day	Tue 3/2/27	Tue 3/2/27
25	**FINAL PLAN DELIVERY**	**1 day**	**Wed 3/3/27**	**Wed 3/3/27**



Task | Critical Task | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Project Summary | Group By Summary

PETERS AND YAFFEE, INC.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Project Activity 3: General Tasks

Estimator:						Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans 0
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					
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	36	36	Slide Development 40 hrs.
3.1.9	Public Meeting Preparations	LS	1	42	42	
3.1.10	Public Meeting Attendance/Followup	LS	1	64	64	6 Participants, 32 + 8 X 4 = 64hrs
3.1.11	Other Agency Meetings	LS	1	60	60	Neptune Beach Public Meeting (Preparation and Meeting)
3.1.12	Web Site	LS	1	84	84	60 hours for development and 4 hours/month x 6 months = 80 hours
				3.1 Public Involvement Subtotal	**286**	
3.2	Joint Project Agreements	EA	0	0	0	
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	30	30	
3.3.2	Estimated Quantities Report Preparation	Report	0	Calculated Hours	0	
		Components	0	0		
3.4	Contract Maintenance and Project Documentation	LS	1	40	40	16 hrs + 2 hrs x 12 months = 40 hrs
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	
3.6	Prime Consultant Project Manager Meetings	LS	1	51	51	See listing below
3.7	Plans Update	LS	1	0	0	

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.8	Post Design Services	LS	1	0	0	
3.9	Digital Delivery	LS	1	0	0	
3.10	Risk Assessment Workshop	LS	1	0	0	
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
3.11.1	Aeronautical Evaluation	LS	1	0	0	
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	
3.13	Other Project General Tasks	LS	1	0	0	
3. Project Common and Project General Tasks Total					**409**	

3.6 - List of Project Manager Meetings	**Units**	**No of Units**	**Hours/ Unit**	**Total Hours**	**Comments**
Roadway Analysis	EA	6	2	12	
Drainage	EA	3	3	9	Meetings with Neptune Beach
Selective C&G	EA	0	0	0	
Utilities	EA	2	2	4	
Environmental	EA	2	0	0	
Structures	EA	3	1	3	
Signing & Pavement Marking	EA	2	1	2	
Signalization	EA	2	1	2	
Lighting	EA	2	1	2	
Landscape Architecture	EA	2	1	2	Meetings with Neptune Beach to determine Roundabout Landscaping Design
Survey	EA	0	0	0	
Photogrammetry	EA	0	0	0	
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	3	1	3	
Phase Reviews	EA	3	1	3	
Field Reviews	EA	3	3	9	
Total Project Manager Meetings		33		51	Total PM Meeting Hours carries to Task 3.6 above

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments

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.**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Estimator:

4. Roadway Analysis Staff Hours

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans
0

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter: Description	Project Parameter: Units	Project Parameter: Complexity	Staff Hours: Calculated	Staff Hours: Department	Staff Hours: Consultant	Staff Hours: Negotiated	Documentation
	What is the overall project complexity? (See Roadway Guidelines)			Mid					Provide documentation when negotiated hours differ from the calculated hours.
4.1	Typical Section Package	Cover	1		6	0	6	0	
		Typical	4	2-Lane FS & Ramps	24	0	24	0	
		Typical	1	2-Lane C & Muti-Lane FS	8	0	8	0	
		Typical	0	LA w/ Barrier & Multi-Lane C	0	0	0	0	
4.2	Pavement Type Selection Report	Report	0		0	0	0	0	
4.3	Pavement Design Package	Report & Assembly	0	Mid	0	0	0	0	
		Pavt Designs	1	Travel/Aux. Lanes	0	0	0	0	Follow LDPM Pavement Designs
		Pavt Designs	2	Side Roads & Shoulders	0	0	0	0	Follow LDPM Pavement Designs
4.4	Cross Slope Analysis (lanes and shoulders)	X-Slope Assessment	1.17	Undivided Roadway	2	0	2	0	
		X-Slope Assessment	0.00	Divided Roadway	0	0	0	0	
		Concepts for Corrections	0		0	0	0	0	X Slope Analysis Only- No Design hours dedicated to correction.
4.5	Safety Analysis	HSM Assessment	0		0	0	0	0	
		Crash Analysis	0		0	0	0	0	
4.6	Design Analysis	Monitor Exist. Structures	0	Mid	0	0	0	0	
		Access Management	0.00	Mid	0	0	0	0	
4.7	Operational Analysis	Roundabout	0	1x1 Roundabout	0	0	0	0	
		Roundabout	1	1x2 Roundabout	60	0	60	0	
		Roundabout	0	2x2 Roundabout	0	0	0	0	
4.8	Design Reports	RRR	1	Standard	60	0	60	0	
4.9	Design Variations and Exceptions	Variation Memo	0		0	0	0	0	
		Formal Variation	0		0	0	0	0	
		Design Exception	0		0	0	0	0	
4.10	Master Design File Setup & Maintenance, Model Management Plan	LS	1	Mid	40	0	40	0	
4.11	Horizontal /Vertical Master Design Files	Mainline	1.18	Mid	254	0	254	0	
		Side Road & Ramps	0.50	Mid	108	0	108	0	
		Frontage Road	0.00	Mid	0	0	0	0	
	3D Modeling Development	Mainline	1.18	Mid	127	0	127	0	
		Side Road & Ramps	0.50	Mid	54	0	54	0	
		Frontage Road	0.00	Mid	0	0	0	0	
		AMG Files	0	Mid	0	0	0	0	
4.12	TTCP Analysis	LS	1	Mid	40	0	100	0	Analysis for Roundabout TTCP is Complex
	TTCP Master Design Files	Length (Phase-Miles)	3.51	Upper	141	0	200	0	3-Phase for Resurfacing; Increased Phasing for Roundabout Construction
		Pedestrian	1	Complex	40	0	60	0	Sidewalk is heavily used near school and residential areas.
	TTCP 3D Modeling (Isolated Locations)	Locations	0		0	0	0	0	
4.13	Utility Data Collection & Analysis	LS	1	Mid	12	0	12	0	

How to Use This Form

Video Tutorials - Short Webinars for each Staff Hour Form

Calculated hours represent the expected effort to complete each task based on project parameters and should be considered a starting point for staff hour negotiations. The Consultant and Department staff must jointly determine the appropriate staff hours to fully cover the effort.

1. All items in RED font are for the user to edit cell.
2. All cells that are shaded in RED contain a drop down list for the user to make a selection.
3. Most "Project Parameter" cells will have a brief explanation of what should be inserted in the cell, this information is displayed by selecting a ce and hovering over that cell with your cursor.
4. All cells designed not to be edited by the user have been locked for the users convenience to avoid accidental edits of formulas, text, etc. If you recognize any errors in the locked cells, please contact the Staff Hour Forms Manager listed below.

4.14	Roadway Quantities for EQ Report	Length (Miles)	1.18	Mid	12	0	12	0	
		Interchanges Rest Areas	0		0	0	0	0	
		Validation	0	Mid	0	0	0	0	
	TTCP Quantities for EQ Report	Major Phases	3	Complex	36	0	36	0	
4.15	Cost Estimate	Engineer Estimate	2	Mid	24	0	24	0	
		LRE Updates	0	Mid	0	0	0	0	
4.16	Technical or Modified Special Provisions	TSPs & MSPs	0		0	0	0	0	
4.17	Other Roadway Tasks	Other Analysis			50	0	50	0	ADA Report
				Roadway Analysis Technical Subtotal	**1098**	**0**	**1237**	**0**	
4.18	Quality Assurance/Quality Control	LS	1	5%	55	0	62	0	
4.19	Supervision	LS	1	5%	55	0	62	0	
4.20	Roadway Meetings (listed below)	Meetings	8		16	0	14	0	
		Travel Time			8	0	4	0	
4.21	Field Reviews (listed below)	LS			28	0	12	0	
				Roadway Analysis Non-Technical Subtotal	**162**	**0**	**154**	**0**	
4.22	Coordination	LS	1	3%	38	0	42	0	
				4. Roadway Analysis Total	**1298**	**0**	**1433**	**0**	

Please contact the Staff Hour Forms Manager below for further assistance.
Ryan Buck, P.E.
Project Management Support Engineer
Ryan.Buck@dot.state.fl.us
(850)414-4343

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)	2	2	2	
Work Zone Traffic Control	2	2	2	
30/60/90/100% Comment Review Meetings	0	0	0	
Utility Coordination	2	2	2	
Other Meetings	0	0	0	
Subtotal Technical Meetings	**6**	**6**	**6**	
Progress Meetings (if required by FDOT)	0	0		
Phase Review Meetings	2	2		
Total Roadway Meetings	**8**	**8**		

Field Reviews	# of Staff	Site Time (per staff)	Travel Time (per staff)	Total Hours
Field Review #1	2	3	1	8
Field Review #2	2	3	1	8
Field Review #3	2	3	1	8
Field Review #4	0	0	0	0
Plans-in-hand Field Review	2	2	0	4
			Total Field Review Hours	**28**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Estimator:

5. Roadway Plans Staff Hours

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans
0

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter: Description	Project Parameter: Units	Project Parameter: Complexity	Staff Hours: Calculated	Staff Hours: Department	Staff Hours: Consultant	Staff Hours: Negotiated	Documentation
	What is the overall project complexity? (See Roadway Guidelines			Mid					Provide documentation when negotiated hours differ from the calculated hours.
5.1	Key Sheet		1		4	0	4	0	
	Signature Sheet		1		2	0	2	0	
5.2	Typical Section Sheets	Typical Sections w/ CADD	3		12	0	12	0	
		Typical Sections w/o CADD	0		0	0	0	0	
		Partial Sections	2		6	0	6	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	9	0	
5.5	Project Layout/Model Management		1		6	0	6	0	
5.6	Plan View (Plan Sheets)	Length (Miles)	1.18	Mid	31	0	31	0	
		Interchange	0		0	0	0	0	
		Roundabout	1		8	0	8	0	
5.7	Profile View (Plan/Profile Sheets)	Length (Miles)	0.75	Flush Shoulder	11	0	11	0	
		Length (Miles)	0.25	Curbed	6	0	6	0	
5.8	Special Profiles	Driveway Curb Return	26		52	0	52	0	
		Intersection RR Xing	0		0	0	0	0	
5.9	Sidewalk Profiles	Length (Miles)	1.18	Standard	42	0	42	0	Only includes Shared Use Path. Does not include existing sidewalk on West side of Penman
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	6		72	0	72	0	Includes Two Overall Sheets for Florida Blvd, 3 additional Sheets for Splitter Islands, and 1 Sheet for Atlantic Blvd Intersection.
		Special	8		80	0	80	0	
5.12	Soil Survey Sheets		1		2	0	2	0	
5.13	Cross Sections	Alignments	5		20	0	20	0	Includes Penman, Forest, Florida, and Roundabout Alignments and Pedestrian Bridge
5.14	Temporary Traffic Control Plan	TTC Notes	1		4	0	4	0	
		Length (Miles)	1.18	Mid	25	0	25	0	
		Critical Cross Sections	20		80	0	80	0	
		TTC Details	6		48	0	48	0	
5.15	Utility Adjustment Sheets	Length (Miles)	1.18	Standard	24	0	24	0	
5.16	Project Control Sheets		1		4	0	4	0	
5.17	Utility Verification Data (SUE)		1		4	0	4	0	
	Roadway Plans Technical Hours Subtotal				552	0	552	0	
5.18	Quality Assurance/Quality Control	%	1	5%	28	0	28	0	
5.19	Supervision	%	1	5%	28	0	28	0	
	Roadway Plans Total				608	0	608	0	

Carries to Summary Tab

How to Use This Form

Video Tutorials - Short Webinars for each Staff Hour Form

Calculated hours represent the expected effort to complete each task based on project parameters and should be considered a starting point for staff hour negotiations. The Consultant and Department staff must jointly determine the appropriate staff hours to fully cover the effort.

1. All items in **RED** font are for the user to edit cell.
2. All cells that are shaded in **RED** contain a drop down list for the user to make a selection.
3. Most "Project Parameter" cells will have a brief explanation of what should be inserted in the cell, this information is displayed by selecting a cell and hovering over that cell with your cursor.
4. All cells designed not to be edited by the user have been locked for the users convenience to avoid accidental edits of formulas, text, etc. If you recognize any errors in the locked cells, please contact the Staff Hour Forms Manager listed below.

Please contact the Staff Hour Forms Manger below for further assistance.

Ryan Buck, P.E.
Project Management Support Engineer
Ryan.Buck@dot.state.fl.us
(850)414-4343

Project Activity 7: Utilities

Estimator:

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans
0

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	1	1	Meeting is listed below
7.2	Identify Existing Utility Agency Owner(s)	LS	1	0	0	
7.3	Make Utility Contacts	LS	1	15	15	
7.4	Exception Processing	LS	1	0	0	
7.5	Preliminary Utility Meeting	LS	1	0	0	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	24	24	3 hrs x 8 Assumed UAOs
7.8	Subordination of Easements Coordination	LS	1	0	0	
7.9	Utility Design Meeting	LS	1	11	11	Meeting is listed below
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	1	64	64	4 hrs x 2 documents x 8 Assumed UAOs
7.11	Utility Coordination/Followup	LS	1	24	24	Estimate 1 to 8 hours per UAO. 3 hrs x 8 Assumed UAO's
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	0	0	
7.15	Contract Plans to UAO(s)	LS	1	0	0	
7.16	Certification/Close-Out	LS	1	0	0	
7.17	Other Utilities	LS	1	0	0	

Project Activity 7: Utilities

7. Utilities Total	**147**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff (see 7.1)	EA	1	1	1		y	1
Preliminary Meeting (see 7.5)	EA	0	0	0			0
Individual UAO Meetings (see 7.6)	EA	3	2	6	Neptune Bch, Beaches Energy & JEA		3
Field Meetings (see 7.6)	EA	1	2	2			2
Design Meeting (see 7.9)	EA	2	1	2			0
Other Meetings *(this is automatically added into Utilities Total (cell F27))*	EA	0	0	0			0
Total Meetings				**11**	**Total Project Manager Meetings (carries to Tab 3)**		**6**

Carries to Tab 3

Project Activity 19: Signing and Pavement Marking Analysis

Estimator:

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans

0

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	n/a
19.2	No Passing Zone Study	LS	1	0	0	n/a
19.3	Signing and Pavement Marking Master Design File	LS	1	0	0	n/a
19.4	Multi-Post Sign Support Calculations	EA	1	0	0	n/a
19.5	Sign Panel Design Analysis	EA	1	0	0	n/a
19.6	Sign Lighting/Electrical Calculations	EA	1	0	0	n/a
19.7	S&PM Quantities for EQ Report	Length (Miles)	1.17	Calculated Hours	0	
		Complexity	Mid Range			
		Interchanges Rest Areas	0	21		
19.8	Cost Estimate	LS	1	16	16	
19.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	n/a
19.10	Other Signing and Pavement Marking	LS	1	80	80	Signing and Marking Efforts for Conceptual Layout
Signing and Pavement Marking Analysis Technical Subtotal					**96**	
19.11	Field Reviews	LS	2	8	16	
19.12	Technical Meetings	LS	1	4	4	Meetings are listed below
19.13	Quality Assurance/Quality Control	LS	%	5%	5	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	5%	5	
Signing and Pavement Marking Analysis Nontechnical Subtotal					**30**	
19.16	Coordination	LS	%	3%	4	
19. Signing and Pavement Marking Analysis Total					**130**	

Project Activity 19: Signing and Pavement Marking Analysis

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments

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	2	2	4	PM attendance at Phase Review Meetings is manually entered on General Task 3		- -
Total Meetings				**4**		**Total Project Manager Meetings (carries to Tab 3)**	**0**

Carries to 19.12 Carries to Tab 3

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

1

20. Signing and Pavement Marking Plans Staff Hours

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans
0

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter: Description	Project Parameter: Units	Project Parameter: Complexity	Staff Hours: Calculated	Staff Hours: Department	Staff Hours: Consultant	Staff Hours: Negotiated	Documentation: Provide documentation when negotiated hours differ from the calculated hours.
20.1	Key Sheet		0		0	0	0	0	1 KS
	Signature Sheet		0		0	0	0	0	n/a
20.2	General Notes/Pay Item Notes		1	Simple	6	0	6	0	1 GN Sheet
20.3	Project Layout		0		0	0	0	0	n/a
20.4	Plan Sheet	Length (Miles)	1.17	Mid	25	0	28	0	3 Plan Sheets (approaches)
		Sig Intersection Mid-Block Xing	0		0	0	0	0	n/a
		Interchange Roundabout	1		4	0	12	0	1 Plan Sheet (Roundabout)
		Rest Area Toll Facility	0		0	0	0	0	n/a
20.5	Special Details	Details	0	Simple	0	0	0	0	n/a
			0	Standard	0	0	0	0	n/a
			0	Complex	0	0	0	0	n/a
20.6	Service Point Details	Service Point	0	Simple	0	0	0	0	n/a
			0	Standard	0	0	0	0	n/a
20.7	Guide Sign Data	Sign Panel	4		8	0	0	0	
20.8	Cross Sections (Sign Installations)	Multi-post signs	0		0	0	0	0	n/a
		Overhead Sign Structures	0	Standard	0	0	0	0	n/a
			0	Complex	0	0	0	0	n/a
				S&PM Plans Technical Hours Subtotal	**43**	**0**	**46**	**0**	
20.9	Quality Assurance/Quality Control	%	1	5%	3	0	3	0	
20.10	Supervision	%	1	5%	3	0	3	0	
				S&PM Plans Total	**49**	**0**	**52**	**0**	

Carries to Summary Tab

How to Use This Form

Video Tutorials - Short Webinars for each Staff Hour Form

Calculated hours represent the expected effort to complete each task based on project parameters and should be considered a starting point for staff hour negotiations. The Consultant and Department staff must jointly determine the appropriate staff hours to fully cover the effort.

1. All items in **RED** font are for the user to edit cell.
2. All cells that are shaded in **RED** contain a drop down list for the user to make a selection.
3. Most "Project Parameter" cells will have a brief explanation of what should be inserted in the cell, this information is displayed by selecting a ce and hovering over that cell with your cursor.
4. All cells designed not to be edited by the user have been locked for the users convenience to avoid accidental edits of formulas, text, etc. If you recognize any errors in the locked cells, please contact the Staff Hour Forms Manager listed below.

Please contact the Staff Hour Forms Manger below for further assistance.

Ryan Buck, P.E.
Project Management Support Engineer
Ryan.Buck@dot.state.fl.us
(850)414-4343

Project Activity 21: Signalization Analysis

Estimator:

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans

0

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	1	0	0	
21.2	Traffic Data Analysis	PI	2	0	0	
21.3	Signal Warrant Study	LS	1	0	0	
21.4	System Timings	LS	1	24	24	
21.5	Reference and Master Signalization Design File	PI	0	0	0	
21.6	Reference and Master Interconnect Communication Design File	LS	1	0	0	
21.7	Overhead Street Name Sign Design	EA	0	0	0	
21.8	Pole Elevation Analysis	LS	1	0	0	
21.9	Traffic Signal Operation Report	LS	1	24	24	
21.10	Signalization Quantities for EQ Report	Signalized Intersections	0	Calculated Hours 0	0	
21.11	Cost Estimate	LS	1	16	16	
21.12	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
21.13	Other Signalization Analysis	LS	1	64	64	8 Mid Block Crossings Analyses (8 hours per)
Signalization Analysis Technical Subtotal					**128**	
21.14	Field Reviews	LS	2	16	32	2 people- 4 hours per review
21.15	Technical Meetings	LS	1	10	10	Meetings are listed below
21.16	Quality Assurance/Quality Control	LS	%	5%	6	
21.17	Independent Peer Review	LS	%	0%	0	
21.18	Supervision	LS	%	5%	6	

Project Activity 21: Signalization Analysis

Signalization Analysis Nontechnical Subtotal	**54**	

Project Activity 21: Signalization Analysis

21.19	Coordination	LS	%	3%	5	
				21. Signalization Analysis Total	**187**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT Traffic Operations	EA	2	2	4	COJ		0
FDOT Traffic Design	EA	0	0	0			0
Power Company (service point coordination)	EA	0	0	0			0
Maintaining Agency (cities, counties)	EA	0	0	0			0
Railroads	EA	0	0	0			0
Other Meetings	EA	2	3	6	Neptune Beach		0
Subtotal Technical Meetings				**10**		**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				**10**		**Total Project Manager Meetings (carries to Tab 3)**	**0**

Carries to 21.15

Carries to Tab 3

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Estimator:

22. Signalization Plans Staff Hours

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans
0

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter: Description	Project Parameter: Units	Project Parameter: Complexity	Staff Hours: Calculated	Staff Hours: Department	Staff Hours: Consultant	Staff Hours: Negotiated	Documentation
	What is the overall project complexity? (See Signalization Guidelines			Low					Provide documentation when negotiated hours differ from the calculated hours.
22.1	Key Sheet		0		0	0	0	0	
	Signature Sheet		0		0	0	0	0	
22.2	General Notes/Pay Item Notes		1	Standard	9	0	9	0	
22.3	Signalization Plan Sheets	Signalized Intersections	8	Low	16	0	16	0	
22.4	Interconnect Plan Sheets	Length (Miles)	0.00	Low	0	0	0	0	
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	6		12	0	12	0	
22.7	Special Details	Details	0	Simple	0	0	0	0	
			2	Standard	4	0	4	0	
			0	Complex	0	0	0	0	
22.8	Service Point Details	Service Point	0	Simple	0	0	0	0	
			0	Standard	0	0	0	0	
22.9	Mast Arm / Monotube Data	Signal Arm	0	Single Mast Arm	0	0	0	0	
			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	0	Low	0	0	0	0	
		Intersections with ped signal	1	Low	24	0	24	0	
22.12	Temporary Detection Sheet	Intersections	1		4	0	4	0	
	Signalization Plans Technical Hours Subtotal				69	0	69	0	
20.13	Quality Assurance/Quality Control	%	1	5%	4	0	4	0	
20.14	Supervision	%	1	5%	4	0	4	0	
	Signalization Plans Total				77	0	77	0	

Carries to Summary Tab

How to Use This Form

Video Tutorials - Short Webinars for each Staff Hour Form

Calculated hours represent the expected effort to complete each task based on project parameters and should be considered a starting point for staff hour negotiations. The Consultant and Department staff must jointly determine the appropriate staff hours to fully cover the effort.

1. All items in **RED** font are for the user to edit cell.
2. All cells that are shaded in **RED** contain a drop down list for the user to make a selection.
3. Most "Project Parameter" cells will have a brief explanation of what should be inserted in the cell, this information is displayed by selecting a ce and hovering over that cell with your cursor.
4. All cells designed not to be edited by the user have been locked for the users convenience to avoid accidental edits of formulas, text, etc. If you recognize any errors in the locked cells, please contact the Staff Hour Forms Manager listed below.

Please contact the Staff Hour Forms Manger below for further assistance.

Ryan Buck, P.E.
Project Management Support Engineer
Ryan.Buck@dot.state.fl.us
(850)414-4343

Project Activity 23: Lighting Analysis

Estimator:

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans

0

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
23.1	Lighting Justification Report	LS	1	0	0	n/a
23.2	Lighting Design Analysis Report (LDAR)	LS	1	68	68	Provide an LDAR in accordance with the requirements of the FDOT Design Manual. Intersection Lighting for 1 proposed roundabout intersection lighting design. 18 hrs + 50 hours for corridor and midblock lighting = 68 hours
23.3	Voltage Drop Calculations	EA	4	2	8	Voltage drop calculation for each circuit (typical service point has four branch circuits) to verify that conductors are sized properly. (2 Service Points)
23.4	FDEP Coordination and Report	LS	1	0	0	n/a
23.5	Reference and Master Design Files	LS	1	59	59	Roundabout Lighting (16 hours for set up, and 24 hours for each roundabout intersection lighting design. 16 hrs + 24 hrs = 40 hrs. Corridor Lighting (15hours for setup, 40 per mile) 15 hrs + (40 hrs x 1.17 miles) = 62 hours. 40 hrs + 62 hrs = 102 hrs
23.6	Temporary Highway Lighting	LS	1	0	0	n/a
23.7	Design Documentation	LS	1	16	16	Design Documentation - 16 hrs
23.8	Lighting Quantities for EQ Report	Light Poles	33	Calculated Hours 33	22	Lighting Quantities -22 hrs
23.9	Cost Estimate	LS	1	12	12	4 hrs x 3 estimates = 12 hrs
23.10	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	1 TSP
23.11	Other Lighting Analysis	LS	1	0	0	n/a
				Lighting Analysis Technical Subtotal	**185**	
23.12	Field Reviews	LS	1	8	8	2 people x 2 hrs x 2 review = 8 hrs
23.13	Technical Meetings	LS	1	10	10	
23.14	Quality Assurance/Quality Control	LS	%	5%	9	
23.15	Independent Peer Review	LS	%	0%	0	
23.16	Supervision	LS	%	5%	9	
				Lighting Analysis Nontechnical Subtotal	**36**	
23.17	Coordination	LS	%	3%	7	
				23. Lighting Analysis Total	**228**	

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Project Activity 23: Lighting Analysis

Project Activity 23: Lighting Analysis

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT Lighting Design	EA	2	2	4			0
FDOT Traffic Design	EA	0	0	0			0
Power Company (service point coordination)	EA	2	1	2			0
Maintaining Agency (cities, counties)	EA	2	2	4			0
Airport authority	EA	0	0	0			0
FDEP Lighting (coast areas)	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				**10**		**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				**10**		**Total Project Manager Meetings (carries to Tab 3)**	**0**

Carries to 23.13 Carries to Tab 3

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Estimator:

24. Lighting Plans Staff Hours

Penman Road (from Seagate Blvd to Atlantic Blvd) 100% Plans
0

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter: Description	Project Parameter: Units	Project Parameter: Complexity	Staff Hours: Calculated	Staff Hours: Department	Staff Hours: Consultant	Staff Hours: Negotiated	Documentation: Provide documentation when negotiated hours differ from the calculated hours.
24.1	Key Sheet		1		4	0	4	0	1 Key Sheet
	Signature Sheet		1		2	0	2	0	1 Signature Sheet
24.2	General Notes/Pay Item Notes		1	Standard	9	0	0	0	1 GN Sheet
24.3	Pole Data, Legend and Criteria	Poles	33		12	0	12	0	1 PDLC Sheet
24.4	Project Layout		0		0	0	0	0	
24.5	Plan Sheets (Corridor Projects)	Length (Miles)	1.17		14	0	14	0	
	Plan Sheets (Isolated Loctions)	Intersections or Mid-Blocks	8		32	0	32	0	Plan Sheet
		Interchanges or Rest Areas	0		0	0	0	0	
24.6	Special Details	Details	0	Simple	0	0	0	0	1 Simple Detail Sheet
			1	Standard	8	0	8	0	
			0	Complex	0	0	0	0	
24.7	Service Point Details	Service Point	2	Simple	12	0	12	0	1 SP Detail
			0	Standard	0	0	0	0	
			0	Complex	0	0	0	0	
24.8	Temporary Highway Lighting		0		0	0	0	0	
				Lighting Plans Technical Hours Subtotal	**93**	**0**	**84**	**0**	
24.9	Quality Assurance/Quality Control	%	1	5%	5	0	5	0	
24.10	Supervision	%	1	5%	5	0	5	0	
				Lighting Plans Total	**103**	**0**	**94**	**0**	

Carries to Summary Tab

How to Use This Form

Video Tutorials - Short Webinars for each Staff Hour Form

Calculated hours represent the expected effort to complete each task based on project parameters and should be considered a starting point for staff hour negotiations. The Consultant and Department staff must jointly determine the appropriate staff hours to fully cover the effort.

1. All items in **RED** font are for the user to edit cell.
2. All cells that are shaded in**RED** contain a drop down list for the user to make a selection.
3. Most "Project Parameter" cells will have a brief explanation of what should be inserted in the cell, this information is displayed by selecting a ce and hovering over that cell with your cursor.
4. All cells designed not to be edited by the user have been locked for the users convenience to avoid accidental edits of formulas, text, etc. If you recognize any errors in the locked cells, please contact the Staff Hour Forms Manager listed below.

Please contact the Staff Hour Forms Manger below for further assistance.

Ryan Buck, P.E.
Project Management Support Engineer
Ryan.Buck@dot.state.fl.us
(850)414-4343

Estimator:

Penman Rd Complete Streets Design - Seagate Ave to Atlantic Blvd

999999-1-32-01

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					
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	
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	0	0	
3.3.2	Estimated Quantites Report Preparation	Report	0	Calculated Hours	0	
		Components	0	0		
3.4	Contract Maintenance and Project Documentation	LS	1	0	0	
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	
3.6	Prime Consultant Project Manager Meetings	LS	1	4	4	See listing below
3.7	Plans Update	LS	1	0	0	

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.8	Post Design Services	LS	1	0	0	Not included in this proposal
3.9	Digital Delivery	LS	1	0	0	
3.10	Risk Assessment Workshop	LS	1	0	0	
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
3.11.1	Aeronautical Evaluation	LS	1	0	0	
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	
3.13	Other Project General Tasks	LS	1	0	0	
3. Project Common and Project General Tasks Total					**4**	

3.6 - List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis	EA	0	2	0	
Drainage	EA	1	2	2	
Utilities	EA	0	2	0	
Environmental	EA	0	2	0	
Structures	EA	0	2	0	
Signing & Pavement Marking	EA	0	2	0	
Signalization	EA	0	2	0	
Lighting	EA	0	2	0	
Landscape Architecture	EA	0	2	0	
Survey	EA	0	2	0	
Photogrammetry	EA	0	2	0	
ROW & Mapping	EA	0	2	0	
Terrestrial Mobile LiDAR	EA	0	2	0	
Architecture	EA	0	2	0	
Noise Barriers	EA	0	2	0	
ITS Analysis	EA	0	2	0	
Geotechnical	EA	0	2	0	
Progress Meetings	EA	0	2	0	
Phase Reviews	EA	1	2	2	
Field Reviews	EA	0	2	0	
Total Project Manager Meetings		2		4	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.

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments

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, except for Photogrammetry.

Estimator:

Penman Rd Complete Streets Design - Seagate Ave to Atlantic Blvd

999999-1-32-01

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
6a.1	Drainage Map Hydrology	Per Map	2	20	40	200' scale, 1.2 miles/2800' per sheet = 2 sheets
6a.2	Base Clearance Calculations	Per Location	0	0	0	
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	
6a.4	Design of Cross Drains	EA	0	8	0	
6a.5	Design of Ditches	Per Ditch Mile	1	76	76	1.2 miles x 2 sides x 15 hrs + 40 side drains x 1 hr = 76
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	0	0	0	
6a.8	Design of Floodplain Compensation	Per Floodplain Basin	0	45	0	
6a.9	Design of Storm Drains	EA	55	3	165	2 inlets per sidestreet x 13 side streets = 26, Piped ditch adjacent to trail: Structure between driveways = 27; 2 outlets
6a.10	Optional Culvert Material	EA	0	0	0	
6a.11	French Drain Systems	Per Cell	0	0	0	
6a.11.1	Existing French Drain Systems	Per Cell	0	0	0	
6a.12	Drainage Wells	EA	0	0	0	
6a.13	Drainage Design Documentation Report	LS	1	100	100	
6a.14	Bridge Hydraulic Report	EA	0	0	0	

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.15	Temporary Drainage Analysis	LS	1	0	0	
6a.16	Drainage Quantities for EQ Report	Drainage Structures	0	Calculated Hours 0	0	
6a.17	Cost Estimate	LS	4	4	16	Estimate at 30, 60, 90, and Final
6a.18	Technical Special Provisions / Modified Special Provisions	LS	1	0	0	
6a.19	Hydroplaning Analysis	LS	1	0	0	
6a.20	Existing Permit Analysis	LS	0	20	0	
6a.21	Other Drainage Analysis	LS	1	20	20	Assistance with preparing construction bid package and responding to bid questions
6a.22	Noise Barrier Evaluation	LS	1	0	0	
6a.23	Erosion Control Plan	Per Mile	1.2	4	5	
				Drainage Analysis Technical Subtotal	**422**	
6a.24	Field Reviews	LS	2	8	16	2 visits to site for half day (4 hrs) with 2 engineers
6a.25	Technical Meetings	LS	1	4	4	Meetings are listed below
6a.26	Environmental Look-Around (ELA) Meeting	LS	1	0	0	
6a.27	Quality Assurance/Quality Control	LS	%	10%	42	
6a.28	Independent Peer Review	LS	%	0%	0	
6a.29	Supervision	LS	%	5%	21	
				Drainage Analysis Nontechnical Subtotal	**83**	
6a.30	Coordination	LS	%	10%	51	
				6a. Drainage Analysis Total	**556**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Base Clearance Water Elevation	EA	0	0	0			0
Pond Siting	EA	0	0	0			0
Agency	EA	0	2	0	SJRWMD	no	0
Local Governments (cities, counties)	EA	2	2	4	COJ, City of Neptune Beach	yes	1
FDOT Drainage	EA	0	2	0	Connection Permit	no	0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				**4**			1
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				**4**	**Total Project Manager Meetings (carries to Tab 3)**		**1**
				Carries to 6a.25			Carries to Tab 3

Estimator:

6b. Drainage Plans Staff Hours

Penman Rd Complete Streets Design - Seagate Ave to Atlantic Blvd
999999-1-32-01

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)	Length (Miles)	1.20	Mid Range	29	0	0	29	24 hours per mile
6b.2	Bridge Hydraulics Recommendation Sheets	Bridges	0		0	0	0	0	
6b.3	Drainage Structures	Drainage Structures	55		67	0	0	67	12 hours + 1 hour/structure
		Details	1		3	0	0	3	
6b.4	Lateral Ditches	Ditches	0	Standard	0	0	0	0	
			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	
			0	Complex	0	0	0	0	
		Cross Section Alignments	0		0	0	0	0	
6b.6	Erosion Control Plan	Length (Miles)	1.20	Mid Range	2	0	0	2	
6b.7	SWPPP		1	Standard	6	0	0	6	
				Drainage Plans Technical Subtotal	**107**	**0**	**0**	**107**	
6b.8	Quality Assurance/Quality Control	%	1	10%	11			11	
6b.9	Supervision	%	1	5%	6			6	
							6. Drainage Plans Total	**124**	

Estimator:

Penman Rd Complete Streets Design - Seagate Ave to Atlantic Blvd

999999-1-32-01

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	40	40	research existing permits
	Permits					
8.2	**Field Work**					
8.2.1	Pond Site Alternatives	per pond site	0	0	0	
8.2.2	Establish Wetland Jurisdictional Lines and Assessments	LS	1	0	0	
8.2.3	Species Surveys	LS	1	0	0	
8.3	Agency Verification of Wetland Data	LS	1	0	0	
8.4	**Complete And Submit All Required Permit Applications**					
8.4.1	Complete and Submit All Required Wetland Permit Applications	LS	1	60	80	ERP with SJRWMD: Pre-application meeting, submit for permit exemption, respond to questions (stormwater only)
8.4.2	Complete and Submit All Required Species Permit Applications	LS	1	0	0	
8.5	Coordinate and Review Dredge and Fill Sketches	LS	1	0	0	
8.6	**Complete and Submit Documentation for Coordination and/or USCG Permit Application**					
8.6.1	Prepare and submit required documents for USCG coordination	LS	1	0	0	
8.6.2	Complete and submit USCG Bridge Application	LS	1	0	0	
8.7	Prepare Water Management District or Local Water Control District Right of Way Occupancy Permit Application	LS	1	0	0	
8.8	Prepare Coastal Construction Control Line (CCCL) Permit Application	LS	1	0	0	
8.9	Prepare USACE Section 408 Application to Alter a Civil Works Project	LS	1	0	0	
8.10	Compensatory Mitigation Plan	LS	1	0	0	
8.11	Mitigation Coordination and Meetings	LS	1	0	0	

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.12	Regulatory Agency Support	LS	1	0	0	
	Environmental Clearances/Reevaluations					
8.13	**Technical support to Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)**					
8.13.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.13.2	Archaeological and Historical Resources	LS	1	0	0	
8.13.3	Wetland Impact Analysis	LS	1	0	0	
8.13.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.13.5	Protected Speices and Habitat Impact Analysis	LS	1	0	0	
8.14	**Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)**					
8.14.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.14.2	Archaeological and Historical Resources	LS	1	0	0	
8.14.3	Wetland Impact Analysis	LS	1	0	0	
8.14.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.14.5	Protected Species and Habitat Impact Analysis	LS	1	0	0	
8.15	Other Environmental Permits	LS	1	80	80	FDOT Drainage Permit
8.16	Contamination Impact Analysis	LS	1	0	0	
8.17	Asbestos Survey	LS	1	0	0	
	Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal				**200**	
8.18	Technical Meetings	LS	1	8	8	Meetings are listed below
8.19	Quality Assurance/Quality Control	LS	%	10%	20	
8.20	Supervision	LS	%	5%	10	
	Environmental Permits and Environmental Clearances Nontechnical Subtotal				**38**	
8.21	Coordination	LS	%	10%	24	
	8. Environmental Permits and Environmental Clearances Total				**262**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments		
	WMD	EA	2	2	4		no	0
	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		no	0
	Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings					**8**		**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					**8**		**Total Project Manager Meetings (carries to Tab 3)**	**0**
					Carries to 8.18			Carries to Tab 3

Estimator:

Penman Rd Complete Streets Design - Seagate Ave to Atlantic Blvd

999999-1-32-01

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
25.1	Data Collection	LS	0	20	0	
25.2	Site Inventory and Analysis					
25.2a	Selective Clearing and Grubbing Site Inventory	LS	1	20	20	Tree Inventory
25.2b	Inventory and Analysis	LS	1	0	0	
25.2c	Vegetation Disposition Plan					
25.2c1	Vegetation Disposition Plan- Mainline	Per mainline mile	1.2	10	12	Tree Mitigation
25.2c2	Vegetation Disposition Plan- Interchange	Per interchange	0	0	0	
25.3	Planting Design					
25.3a	Conceptual Planting Design					
25.3a1	Report Preparation	LS	1	0	0	
25.3a2	Mainline	Per mainline mile	0	40	0	
25.3a3	Interchanges, Intersections, and Rest Areas	EA	2	8	16	Florida Ave, Poinsettia Dr/Oceanwood Dr
25.3a4	Toll Plazas	EA	0	0	0	
25.3b	Final Planting Design					
25.3b1	Master Design File Creation	LS	1	0	0	
25.3b2	Mainline	Per mainline mile	0	40	0	
25.3b3	Interchanges, Intersections, and Rest Areas	EA	2	20	40	Florida Ave, Poinsettia Dr/Oceanwood Dr
25.3b4	Toll Plazas	EA	0	0	0	
25.4	Irrigation Design					

25.4a	Conceptual Irrigation Design					
25.4a1	Feasibility Report	LS	1	0	0	
25.4a2	Mainline	Per mainline mile	0	0	0	
25.4a3	Interchanges, Intersections, and Rest Areas	EA	2	4	8	temporary or permanent
25.4a4	Toll Plazas	EA	0	0	0	
25.4b	Final Irrigation Design					
25.4b1	Mainline	Per mainline mile	0	40	0	
25.4b2	Interchanges, Intersections, and Rest Areas	EA	2	8	16	temporary or permanent
25.4b3	Toll Plazas	EA	0	0	0	
25.5	Hardscape Design					
25.5a	Conceptual Hardscape Design	Per mainline mile	0	0	0	
26.5b	Final Hardscape Design	Per mainline mile	0	0	0	
25.6	Roll Plots	EA	1	40	40	Graphics for Public Presentations
25.7	Landscape Quantites for EQ Report	Project Complexity	**Low Range**	Calculated Hours 20		
25.8	Cost Estimates	LS	4	4	16	estimates at 30, 60, 90, Final
25.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
25.10	Inspection Services	LS	1	0	0	
25.11	Other Landscape Services	LS	1	20	20	Assistance with preparing construction bid package and responding to bid questions
25.12	Outdoor Advertising	EA	0	0	0	
				Landscape Analysis Technical Subtotal	**188**	
25.14	Field Reviews	LS	1	4	4	
25.15	Technical Meetings / Public Meetings	LS	1	2	2	Meetings are listed below
25.16	Quality Assurance/Quality Control	LS	%	10%	19	
25.17	Independent Peer Review	LS	%	0%	0	
25.18	Supervision	LS	%	5%	9	
				Landscape Analysis Nontechnical Subtotal	**34**	

25.19	Project Coordination	LS	%	10%	22	
25.20	Interdisciplinary Coordination	LS	%	0%	0	
				25. Landscape Analysis Total	**244**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT (kickoff, concept review)	EA	0	0	0			0
Maintaining Agency (cities, counties)	EA	1	2	2	COJ/Neptune Beach	no	0
Utility Owners	EA	0	0	0			0
Local Agency for Tree Removal	EA	0	4	0		no	0
Local Citizen Group(s)	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				**2**		**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				**2**		**Total Project Manager Meetings (carries to Tab 3)**	**0**

Carries to 25.14 Carries to Tab 3

Estimator:

26. Landscape Plans Staff Hours

Penman Rd Complete Streets Design - Seagate Ave to Atlantic Blvd
999999-1-32-01

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.
26.1	Key Sheet		1		4	0	0	4	
	Signature Sheet		0		0	0	0	0	
26.2	Plant Schedule (Sheet no longer produced)								
26.3	General Notes/Pay Item Notes		1	Standard	9	0	0	9	
26.4	Planting Plans For Linear Areas	Length (Miles)	0.00	Low Range	0	0	0	0	
26.5	Planting Plans for Non-Linear Areas (Stormwater Facilities, Rest Areas, Interchanges, & Toll Plazas)	Area (Acre)	1.00	Upper Range	8	0	0	8	
26.6	Planting Details	Details	2		8	0	0	8	Planting Details and Tree Mitigation Details
26.7	Irrigation Plans for Linear Areas	Length (Miles)	0.00	Low Range	0	0	0	0	
26.8	Irrigation Plans for Non-Linear Areas (Stormwater Facilities, Rest Areas, Interchanges, & Toll Plazas)	Area (Acre)	1.00	Upper Range	8	0	0	8	
26.9	Irrigation Details	Details	1		4	0	0	4	
26.10	Hardscape Plans		0		0	0	0	0	
26.11	Maintenance Plan		0		0	0	0	0	
				Landscape Plans Technical Hours Subtotal	**41**	**0**	**0**	**41**	
26.12	Quality Assurance/Quality Control	%	1	10%	5			5	
26.13	Supervision	%	1	5%	3			3	
							26. Landscape Plans Total	**49**	

Project Staff Hour Summary

Name of Consultant: STV Inc.

Penman Road Pedestrian Bridge Over Hopkins Creek
N/A

		Project Staff Hours													
Activity No.	Activity	Enter Firm Name	Enter Name Sub 1	Sub 2	Sub 3	Sub 4	Sub 5	Sub 6	Sub 7	Sub 8	Sub 9	Sub 10	Sub 11	Sub 12	Total Hours
3	Project Common and General Tasks	0													0
4	Roadway Analysis	0													0
5	Roadway Plans	0													0
6a	Drainage Analysis	0													0
6b	Drainage Plans	0													0
6c	Selective C&G	0													0
7	Utilities	0													0
8	Env. Permits and Env. Clearances	0													0
9	Structures - Summary, Misc. Tasks, Dwgs.	258													258
10	BDR	316													316
11	Temporary Bridge	0													0
12	Short Span Concrete Bridge	512													512
13	Medium Span Concrete Bridge	0													0
14	Structural Steel Bridge	0													0
15	Segmental Concrete Bridge	0													0
16	Movable Span	0													0
17	Retaining Walls	248													248
18	Miscellaneous Structures	0													0
19	Signing & Pavement Marking Analysis	0													0
20	Signing & Pavement Marking Plans	0													0
21	Signalization Analysis	0													0
22	Signalization Plans	0													0
23	Lighting Analysis	0													0
24	Lighting Plans	0													0
25	Landscape Analysis	0													0
26	Landscape Plans	0													0
27	Survey - Field and Office Support	0													0
28	Photogrammetry	0													0
29	Mapping	0													0
30	Terrestrial Mobile LiDAR	0													0
31	Architecture Development	0													0
32	Noise Barriers Impact Design Assessment	0													0
33	ITS Analysis	0													0
34	ITS Plans	0													0
35	Geotechnical	0													0
	Project Total	**1,334**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,334**
27	Survey Field Crew Days	0													0

Notes:
1. Staff hours for prime consultant come directly from each discipline's worksheet.
2. Staff hours for subconsultants are to be entered manually into columns D through O.
3. For workbooks prepared by subconsultants, their project hours will be totaled in column C.

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

Estimator: PLF/BAG

Penman Road Pedestrian Bridge Over Hopkins Creek
N/A

Representing	Print Name	Signature / Date
COJ		
STV Inc.		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	Design and Production Staffhours				Comments
			No. of Units	Hours per Unit	No. of Sheets	Total	
	General Drawings						
9.1	Key Sheet and Index of Drawings	Sheet	1	8	1	8	
9.2	Project Layout	Sheet	0	0	0	0	
9.3	General Notes and Bid Item Notes	Sheet	1	16	1	16	
9.4	Miscellaneous Common Details	Sheet	0	0	0	0	
9.5	Incorporate Report of Core Borings	Sheet	1	1	1	1	
9.6	Standard Plans- Bridges	LS	1	1		1	
9.7	Existing Bridge Plans	LS	0	0		0	
9.8	Structures Quantites for EQ Report	Bridges	1	Calculated Hours		16	
		Walls	0				
		Box Culverts	0	16			
9.9	Cost Estimate	LS	1	6		6	
9.10'	Technical Special Provisions and Modified Special Provisions	LS	1	8		8	Allow hrs for prefab steel truss TSP.
	Structures - Summary and Miscellaneous Tasks and Drawings				3	56	

Task No.	Task	Total	Task 10	Task 11	Task 12	Task 13	Task 14	Task 15	Task 16	Task 17	Task 18
10-16	Bridge 1	784	316	0	468	0	0	0	0		
10-16	Bridge 2	0									
10-16	Bridge 3	0									
10-16	Bridge 4	0									
10-16	Bridge 5	0									

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

10-16	Bridge 6	0									
10-16	Bridge 7	0									
10-16	Bridge 8	0									
10-16	Bridge 9	0									
10-16	Bridge 10	0									
17	Retaining Walls	212								212	
18	Miscellaneous Structures	0									0
	Structures Technical Subtotal	996	316	0	468	0	0	0	0	212	0
Task No.	**Task**	**Units**	**No. of Units**	**Hours per Unit**	**Total**	**Comments**					
9.11	Field Reviews	LS	1	8	8	Assume 1 person at 4 hr for 2 visits initial and final					
9.12	Technical Meetings	LS	1	10	10	Meetings are listed below					
9.13	Quality Assurance/Quality Control	LS	%	7%	74						
9.14	Independent Peer Review	LS	0	0	0						
9.15	Supervision	LS	%	5%	53						
	Structures Nontechnical Subtotal				145						
9.16	Coordination	LS	1	48	48	12 Rdwy + 8 Utility + 8 Geotech + 8 Hydro + 8 Permit + 4 Aesthetics					
	9. Structures - Summary and Miscellaneous Tasks and Drawings				249						

Technical Meetings	**Units**	**No of Units**	**Hours/ Unit**	**Total Hours**	**Comments**				**PM Attendance at Meeting Required?**	**Number**
BDR Coordination/Review	EA	1	4	4	Meet with City of Neptune Beach to discuss bridge type preference.					0
90/100% Comment Review	EA	0	0	0						0
Aesthetics Coordination	EA	0	0	0						0
Regulatory Agency	EA	0	0	0						0
Local Governments (cities, counties)	EA	0	0	0						0
Utility Companies	EA	0	0	0						0
Other Meetings	EA	12	0.5	6	Periodic progress meetings					0
Subtotal Technical Meetings				**10**						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*					- -

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

Total Meetings				**10**	**Total Project Manager Meetings (carries to Tab 3)**	**0**
				Carries to 9.12		Carries to Tab 3

Project Activity 10: BDR

Estimator: PLF/BAG

Penman Road Pedestrian Bridge Over Hopkins Creek

Bridge Identifier (Number or Name): Penman Ped Bridge

N/A

Representing	Print Name	Signature / Date
COJ		
STV Inc.		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	General Requirement						
10.1	Bridge Geometry	LS	1	24		24	Assumed dimensions of 90-ft x 8-ft. considerations for seawall vs spill thru in determining bridge geometry.
10.2	Ship Impact Data Collection	LS	0	0		0	
10.3	Ship Impact Criteria	EA	0	0		0	
	Superstructure Alternatives						
10.4	Short Span Concrete Bridge	EA ALT	1	12		12	FSB option, 3-span
10.5	Medium Span Concrete Bridge	EA ALT	1	16		16	FIB-36 option, 1-span
10.6	Long Span Concrete Bridge	EA ALT	0	0		0	
10.7	Structural Steel Bridge	EA ALT	1	24		24	Prefab steel truss option, 1-span. Coordination with suppliers and options
	Foundation & Substructure Alternatives						
10.8	Pier/Bent	EA Type	1	20		20	Intermediate bents for 3-span FSB option
10.9	Shallow Foundations / GRS Abutments	EA Type	1	12		12	Abutment on spread footings behind sheet pile walls.
10.10	Deep Foundations	EA Foundation Evaluated	2	12		24	Review PCP option. Check micropile option due to proximity of homes.
	Movable Span						
10.11	Data Collection and Design Criteria	LS	0	0		0	
10.12	Movable Span Geometrics and Clearances	LS	0	0		0	
10.13	Deck System Evaluation	LS	0	0		0	
10.14	Framing Plan Development	LS	0	0		0	
10.15	Main Girder Preliminary Design	LS	0	0		0	
10.16	Conceptual Span Balance/Counterweight	LS	0	0		0	

Project Activity 10: BDR

Task No.	Task	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
10.17	Support System Development	LS	0	0		0	
10.18	Drive Power Calculations	LS	0	0		0	
10.19	Drive System Development	LS	0	0		0	
10.20	Power and Control Development	LS	0	0		0	
10.21	Conceptual Pier Design	LS	0	0		0	
10.22	Foundation Analysis (FL PIER)	LS	0	0		0	
10.23	Tender Visibility Study	LS	0	0		0	
	Other BDR Issues						
10.24	Aesthetics	LS	1	8		8	Review aesthetic needs based on railings, applied finish, owner preferences
10.25	TTCP/Staged Construction Requirements	LS	0	0		0	
10.26	Constructibility Requirements	LS	1	8		8	
10.27	Load Rating for damaged/widened structures	EA Unit	0	0		0	
10.28	Quantity and Cost Estimates	EA ALT	3	12		36	
10.29	Quantity and Cost Estimates - Movable Span	LS	0	0		0	
10.30	Wall Type Justification	LS	1	20		20	evaluate spill thru vs seawall option at end bents
	Report Preparation						
10.31	Exhibits	EA SHEET	6	14	6	84	Cover Sheet (1), P&E (1), Typ Bridge Section (1), Aesthetics (1), Superstructure (1) Substructure (1)
10.32	Exhibits - Movable Span	EA SHEET	0	0		0	
10.33	Report Preparation	LS	1	24		24	
10.34	Report Preparation - Movable Span	LS	0	0		0	
10.35	BDR Submittal Package	LS	1	4		4	
	10. Structures - Bridge Development Report Total				**6**	**316**	
	When ONLY 30% plans are final deliverable, use Task Nos. as shown for applicable bridge types for project Activities 12 thru 16. Staffhours to be negotiated and scaled appropriately.						

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Project Activity 12: Structures- Short Span Concrete

Estimator: PLF/BAG

Bridge Identifier (Number or Name): Penman Ped Bridge

Penman Road Pedestrian Bridge Over Hopkins Creek

N/A

Representing	Print Name	Signature / Date
COJ		
STV Inc.		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	General Layout Design and Plans						
12.1	Overall Bridge Final Geometry	LS	1	16		16	Assume 3-span FSB is preferred option
12.2	Expansion/Contraction Analysis	EA Unit	1	4		4	
12.3	General Plan and Elevation	Sheet	1	32	1	32	
12.4	Construction Staging	Sheet	1	16	0	16	Check placement of 250-ton crane at south end of ped bridge, off roadway, no plan sheet.
12.5	Approach Slab Plan and Details	Sheet	1	12	1	12	Note that existing ped bridge on west side has settlement of approach slabs.
12.6	Miscellaneous Details	Sheet	2	12	2	24	Riprap details, Bridge Hydraulics recomemndations Sheet
	End Bent Design and Plans						
12.7	End Bent Geometry	EA End Bent	2	8		16	
12.8	End Bent Structural Design	EA Design	1	24		24	
12.9	End Bent Plan and Elevation	Sheet	1	20	1	20	
12.10	End Bent Details	Sheet	2	16	2	32	
	Intermediate Bent Design and Plans						
12.11	Bent Geometry	EA Bent	2	8		16	
12.12	Bent Stability Analysis	EA Analysis	1	20		20	
12.13	Bent Structural Design	EA Design	1	24		24	
12.14	Bent Plan and Elevation	Sheet	1	16	1	16	
12.15	Bent Details	Sheet	1	16	1	16	

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Project Activity 12: Structures- Short Span Concrete

Task No.	Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	Miscellaneous Substructure Design and Plans						
12.16	Foundation Layout	Sheet	1	20	1	20	
	Miscellaneous Superstructure Design and Plans						
12.17	Finish Grade Elevation Calculation	LS	1	16		16	
12.18	Finish Grade Elevations	Sheet	1	12	1	12	
	Cast-in-Place Slab Bridges						
12.19	Bridge Deck Design	EA Unit	0	0		0	
12.20	Superstructure Plan	Sheet	0	0	0	0	
12.21	Superstructure Sections and Details	Sheet	0	0	0	0	
	Prestressed Slab Unit Bridges						
12.22	Prestressed Slab Unit Design	EA Design	1	24		24	Assume 3 equal spans, with two 4-ft slabs per span
12.23	Prestressed Slab Unit Layout	Sheet	1	12	1	12	
12.24	Prestressed Slab Unit Details and Schedule	Sheet	1	36	1	36	
12.25	Deck Topping Reinforcing Layout	Sheet	1	16	1	16	
12.26	Superstructure Sections and Details	Sheet	2	16	2	32	
	Reinforcing Bar List						
12.27	Preparation of Reinforcing Bar List	Sheet	1	12	1	12	
	Load Rating						
12.28	Load Ratings	EA Unit	0	0		0	
	12. Structures - Short Span Concrete Bridge Total				**17**	**468**	

Project Activity 17: Retaining Walls

Estimator: PLF/BAG

Penman Road Pedestrian Bridge Over Hopkins Creek
N/A

Representing	Print Name	Signature / Date
COJ		
STV Inc.		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	General Requirements						
17.1	Key Sheet	Sheet	1	8	1	8	
17.2	Horizontal Wall Geometry	Per Wall	2	4	0	8	
	Permanent Proprietary Walls						
17.3	Vertical Wall Geometry	Per Wall	0	0		0	
17.4	Semi-Standard Drawings	Sheet	0	0	0	0	
17.5	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.6	Details	Sheet	0	0	0	0	
	Temporary Proprietary Walls						
17.7	Vertical Wall Geometry	Per Wall	0	0		0	
17.8	Semi-Standard Drawings	Sheet	0	0	0	0	
17.9	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.10	Details	Sheet	0	0	0	0	
	Cast-in-Place Retaining Walls						
17.11	Design	EA Design	0	0		0	
17.12	Vertical Wall Geometry	EA Wall	0	0		0	
17.13	General Notes	Sheet	0	0	0	0	
17.14	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.15	Sections and Details	Sheet	0	0	0	0	
17.16	Reinforcing Bar List	Sheet	0	0	0	0	

Project Activity 17: Retaining Walls

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	Other Retaining Walls and Bulkheads						
17.17	Design	EA Design	2	28		56	Assume a sheet pile wall at each abutment but different design checks at each end bent
17.18	Vertical Wall Geometry	EA Wall	2	20		40	
17.19	General Notes, Tables and Misc. Details	Sheet	1	12	1	12	
17.20	Wall Plan and Elevations	Sheet	1	16	1	16	
17.21	Details	Sheet	3	24	3	72	
	17. Structures - Retaining Walls Total				**6**	**212**	

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Taylor Engineering

Penman Road Pedestrian Bridge Hydraulic Study

– SCOPE OF SERVICES –

The City of Jacksonville requires engineering plans to construct a pedestrian bridge on the east side of Penman Road across a canal connecting to the Intracoastal Waterway. The design requires a bridge hydraulic study. Taylor will develop the bridge hydraulic study.

TASK 1 Data Collection and Site Visit

Taylor Engineering will collect and review available data. Taylor Engineering will visit the bridge site to evaluate the stream characteristics, hydraulic properties, and the channel geometries.

TASK 2 Hydrologic Modeling

Taylor Engineering will develop a hydrologic model of the site. The results from this model will provide the boundary conditions for the hydraulic model.

TASK 3 Hydraulic Modeling

Taylor Engineering will develop a hydraulic model to determine the hydraulic characteristics of the site for the existing and proposed configuration. Taylor Engineering will include the latest available bathymetric and topographic data and cross-section data provided by STV. Taylor Engineering will apply an existing two-dimensional hydraulic model of the St Johns River and Intracoastal Waterway to establish downstream tide and storm surge boundary condition for the bridge model.

TASK 4 Estimate Bridge Scour and Riprap Requirements

Taylor Engineering will follow FDOT and HEC-18 procedures to estimate the structure-induced scour at the proposed bridge for storm events required by the FDOT *Drainage Manual*. This scour estimate will include contraction and abutment scour. Taylor Engineering will also determine the size and extent of the riprap required for bridge abutment protection.

TASK 5 Documentation

Taylor Engineering will document the hydraulic model results (stage and velocity), scour estimates and wave loads at the bridge. We will provide the hydraulic data for a Bridge Hydraulic Recommendation Sheet (BHRS) but will not complete a BHRS.

DELIVERABLES

- Hydraulic report for the proposed bridge, digitally signed and sealed

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

Hours

Task		Principal Eng.	PM	Design Eng	Designer/Tech	Clerical
1	**Data Collection and Site Visit**		4	8	2	
2	**Hydrologic Modeling**	8	4	6	20	
3	**Hydraulic Modeling**	8	4	6	40	
4	**Estimate Bridge Scour and Riprap Requirements**	2	4	24	10	
5	**Documentation**	2	4	16	8	2
	Total	20	20	60	80	2

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project:	Penman Road Complete Streets - Seagate Avenue to Atlantic Boulevard	Consultant Name:	Meskel & Associates Engineering
County:	Duval	Consultant No.:	240485
Contract Number	TBD	Date:	11/25/2024
FAP No.:	N/A	Estimator:	B. Harbison

Staff Classification	Total Staff Hours From "SH Summary Firm"	Principal Engineer	Senior Project	Project Manager	Staff Engineer	Draftsperson /CADD	Senior Field Technician	Clerical	Staff Classi-fication 8	Staff Classi-fication 9	Staff Classi-fication 10	Staff Classi-fication 11	Staff Classi-fication 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		$77.03	$74.76	$51.00	$32.20	$26.10	$33.00	$25.30	$25.75	$0.00	$0.00	$0.00	$0.00	0	$0	#DIV/0!
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
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!
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	260	5	13	39	104	26	52	21	0	0	0	0	0	260	$9,621	$37.00
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
Total Staff Hours	260	5	13	39	104	26	52	21	0	0	0	0	0	260		
Total Staff Cost		$385.15	$971.88	$1,989.00	$3,348.80	$678.60	$1,716.00	$531.30	$0.00	$0.00	$0.00	$0.00	$0.00		**$9,620.73**	**$37.00**

Check = $9,620.73

SALARY RELATED COSTS:					$9,620.73
OVERHEAD:		200%			$19,241.46
OPERATING MARGIN:		10%			$2,886.22
FCCM (Facilities Capital Cost Money):		0.00%			$0.00
EXPENSES:		0.00%			$0.00
SUBTOTAL ESTIMATED FEE:					**$31,748.41**
Survey (Field)	0	4-person crew	$ -	/ day	$0.00
Geotechnical Field and Lab Testing					$49,944.00
SUBTOTAL ESTIMATED FEE:					**$81,692.41**
Optional Services					$0.00
GRAND TOTAL ESTIMATED FEE:					**$81,692.41**

Notes:

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

35. Geotechnical

Estimator: B.Harbison

Penman Road Complete Streets - Seagate Avenue to Atlantic Boulevard

TBD

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
	Roadway					
35.1	Document Collection and Review	LS	1	4	4	Penman Road from Seagate Ave. to Atlantic Blvd.: 5,900 LF Milling & Resurfacing w/ Multi-Use Path (1 boring per 100 LF, 1 bulk sample for LBR and Corrosions every 1,500 LF)
35.2	Develop Detailed Boring Location Plan	LS	1	8	8	TOTAL: 48 Auger Borings at 6 LF each = 288 LF Auger (1 boring every 100 LF); 13 SPT Borings at 20 LF each = 260 LF SPT (1 boring every 500 LF);
35.3	Stake Borings/Utility Clearance	Boring	79	0.25	20	5 Bulk samples (LBR & Corrosions) 13 Pavement Cores (1 per 1,500 LF per lane, 3 lanes)
35.4	Muck Probing	Crew Day	1	4	4	288 LF Auger + 260 LF SPT = 548 LF Drilling (79 Borings/Samples)
35.5	Coordinate and Develop MOT Plans for Field Investigation	EA	1	4	4	
35.6	Drilling Access Permits	Location	1	4	4	
35.7	Property Clearances	EA	1	16	16	Within City ROW or easements. Some coordination with homeowners is expected.
35.8	Groundwater Monitoring	EA	0	0	0	N/A
35.9	LBR/Resilient Modulus Sampling	EA	5	1	5	
35.10	Coordination of Field Work	100 lf of boring	5.48	2	11	
35.11	Soil and Rock Classification - Roadway	100 lf of boring	5.48	1	5	
35.12	Design LBR	LS	1	1	1	
35.13	Laboratory Data	100 lf of boring	5.48	1.5	8	
35.14	Seasonal High Water Table	Boring	61	0.1	6	
35.15	Parameters for Water Retention Areas	EA	0	0	0	N/A
35.16	Delineate Limits of Unsuitable Material	Cross-section	2	1	2	
35.17	Electronic Files for Cross-Sections	100 lf of boring	5.48	1	5	
35.18	Embankment Settlement and Stability	Embankment Boring	0	0	0	N/A
35.19	Monitor Existing Structures	LS	1	0	0	N/A

35. Geotechnical

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.20	Stormwater Volume Recovery and/or Background Seepage Analysis	EA	0	0	0	N/A
35.21	Geotechnical Recommendations	LS	1	10	10	
35.22	Pavement Condition Survey and Pavement Evaluation Report	LS	1	6	6	
35.23	Preliminary Roadway Report	LS	1	0	0	N/A; 1 Final Report
35.24	Final Report	EA	1	20	20	
35.25	Auger Boring Drafting	100 lf boring	2.88	3	9	
35.26	SPT Boring Drafting	100 lf boring	2.6	4	10	
				Roadway Geotechnical Subtotal	**158**	
	Structures					
35.27	Develop Detailed Boring Location Plan	LS	1	0	0	Pedestrian Bridge: 100 LF Bridge Length; 2 End Bent Borings, Bulk Creek Bottom Sample 125 LF SPT Boring Depth
35.28	Stake Borings/Utility Clearance	Boring	2	0	0	TOTAL: 2 SPT Borings at 125 LF each = 250 LF SPT
35.29	Coordinate and Develop MOT Plans for Field Investigation	EA	0	0	0	Included in Roadway Effort
35.30	Drilling Access Permits	Location	0	0	0	Included in Roadway Effort
35.31	Property Clearances	EA	0	0	0	Included in Roadway Effort
35.32	Collection of Corrosion Samples	EA	6	1	6	Bulk samples (5 for Roadway, 1 for water)
35.33	Coordination of Field Work	100 lf of boring	2.5	2	5	
35.34	Soil and Rock Classification - Structures	100 lf of boring	2.5	1	3	
35.35	Tabulation of Laboratory Data	100 lf of boring	2.5	1.5	4	
35.36	Estimate Design Groundwater Level for Structures	EA	1	1	1	
35.37	Selection of Foundation Alternatives (BDR)	Bridge boring	2	4	8	
35.38	Detailed Analysis of Selected Foundation Alternate(s)	Bridge boring	2	4	8	
35.39	Bridge Construction and Testing Recommendations	Bridge boring	2	4	8	
35.40	Lateral Load Analysis (Optional)	Bridge boring	2	1	2	FB Multipier Parameters Only (STV to perform Lateral Analysis)
35.41	Walls	Wall Boring	0	0	0	N/A
35.42	Sheet Pile Wall Analysis (Optional)	Wall Boring	0	0	0	N/A
35.43	Design Soil Parameters for Signs, Signals, High Mast Lights, and Strain Poles and Geotechnical Recommendations	Boring	13	1	13	Utilize Roadway SPT's for any PHB or Mid-Block Signals

35. Geotechnical

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.44	Box Culvert Analysis	EA	0	0	0	N/A
35.45	Preliminary Report - BDR	EA	1	0	0	
35.46	Final Report - Bridge and Associated Walls	EA	1	8	8	One Final Report
35.47	Final Reports - Signs, Signals, Box Culvert, Walls and High Mast Lights	EA	0	0	0	N/A; Included in Bridge Report
35.48	SPT Boring Drafting	100 lf of boring	2.5	4	10	
35.49	Other Geotechnical	LS	1	0	0	N/A
				Structural Geotechnical Subtotal	**76**	
				Geotechnical Technical Subtotal	**234**	
35.50	Technical Special Provisions and Modified Special Provisions	EA	0	0	0	
35.51	Field Reviews	LS	1	1	1	
35.52	Technical Meetings	LS	1	3	3	Meetings listed below
35.53	Quality Assurance/Quality Control	LS	%	3%	7	
35.54	Supervision	LS	%	3%	7	
				Geotechnical Nontechnical Subtotal	**18**	
35.55	Coordination	LS	%	3%	8	
				35. Geotechnical Total	**260**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	0	0	0			0
Boring Layout Approval	EA	0	0	0			0
Attend in BDR Review Meeting	EA	0	0	0			0
30/60/90% Submittal Review	EA	0	0	0			0
Other Meetings	EA	3	1	3			0
Subtotal Technical Meetings				**3**		**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				**3**		**Total Project Manager Meetings (carries to Tab 3)**	**0**

Carries to 35.52 Carries to Tab 3

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

City of Jacksonville, Florida

Donna Deegan, Mayor

Procurement Division
Ed Ball Building
214 N. Hogan Street, Suite 800
Jacksonville, Florida 32202

A NEW DAY.

June 27, 2024

The Honorable Donna Deegan, Mayor
City of Jacksonville
4th Floor, St. James Building
Jacksonville, FL 32202

Dear Mayor Deegan:

Ref: P-11-20 Professional Engineering Services for Penman Road Complete Streets from Beach Blvd to Atlantic Blvd. (Amendment No. 2)
Department of Public Works

The Professional Services Evaluation Committee met today in Board Room 851 on the eighth floor of the Ed Ball Building for the purpose of amending the above-referenced contract.

The following motion/recommendation was **adopted**:

That Contract No. 71237-21, originally executed October 7, 2021, between the City and Peters & Yaffe, Inc., for Professional Engineering Services for Penman Rd. Complete Streets from Beach Blvd. to Atlantic Blvd., be amended to incorporate the attached Scope of Services identified as Exhibit 'E' and Fee Schedule identified as Exhibit 'F'; increase the lump-sum amount for Design Services by $696,150.96, to a new lump-sum amount of $1,393,987.31, thereby increasing the maximum indebtedness by $696,150.96 to a new maximum to the city in the amount of $1,715,995.96. All other terms and condition shall remain the same.

If the foregoing meets your approval, we respectfully request your signature and return to my office.

Respectfully submitted,

POR: Dustin Freeman, Chief
Procurement Division
Chairman, Professional Services
Evaluation Committee

APPROVED:

Donna Deegan, Mayor

This 1st day of July, 2024

Karen Bowling
Chief Administrative Officer
For: Mayor Donna Deegan
Under Authority Of:
Executive Order No: 2023-02

DF: ab

cc: Council Auditor
James McCain, Jr., OGC
Subcommittee Members

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-94D5-5188722 9AAD1

City of Jacksonville, Florida

Donna Deegan, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
Jacksonville.gov

A NEW DAY

June 3, 2024

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Nina Sickler, P.E. DocuSigned by: Nina Sickler
Director of Public Works

FROM: Sheldon D. Gibbs, P.E. DocuSigned by: Sheldon D. Gibbs, P.E.
Acting Chief, Engineering and Construction Management

Chris LeDew, P.E DocuSigned by: Christopher LeDew
Chief, Traffic Engineering

#
SUBJECT: Amendment #2 Contract #71237-21/ PO 628669-21 Bid #P-11-20
Peters and Yaffee, Inc.
Professional Engineering Services for Penman Rd Complete Streets from Beach Blvd. to Atlantic Blvd.

Based on the study and original conceptual plans, Phase #2 was to provide engineering design, permitting and all other professional services for the bidding and construction of a roundabout intersection design at Penman Rd and 15th Ave. North. Instead, after public meetings and resident coordination, the concept plans were revised, and Phase #2 design is currently in progress. Amendment #2 is to complete the revised plans for the entire Penman Road corridor from Beach to Atlantic Blvd. to 30% design. Negotiations have resulted in the attached Scope of Services, Exhibit E and Contract Fee Schedule, Exhibit F. JSEB firms to be utilized to meet the 20% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that Contract #71237-21, originally executed October 7, 2021 between the City and Peters & Yaffe, Inc. for Professional Engineering Services for Penman Rd Complete Streets from Beach Blvd. to Atlantic Blvd. be amended to incorporate the attached Scope of Services, Exhibit E and Fee Schedule Exhibit F, to increase the lump sum amount for Design Services by $696,150.96 to a new lump sum amount of $1,393,987.31, thereby increasing the maximum indebtedness by $696,150.96 to a new maximum indebtedness to the City in the amount of $1,715,995.96. All other terms and conditions are as provided in the RFP and the City's standard contract language.

Funding for this project is as follows:

ACCOUNTS:		TOTAL
32124.153101.565051.010111.00000000.00000.0000000		
010111		
PWCP PW Capt'l Proj-Other Trans Svcs		
565051		
2		
32124-153101		$696,150.96

'24 JUN 24 PM12:02:0

NS/lw

Attachment: Exhibits E & F
JSEB Participation

cc: Michael Derbaum, P.E., Engineering and Construction Management

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
Docusign Envelope ID: FA1DD5BD-072E-4362-9405-5188722 9AAD1

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: **Peters and Yaffee, Inc.**

Project Title: **Penman Road Complete Streets – 30% Design Plans**

Proposal Number: **P-11-20** Total Base Proposal Amount (if applicable): **$696,150.96**

***Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage
Peters and Yaffee, Inc.	African-American	Engineering Design Services	$349,816.63
ETM	Non-MBE	Drainage Design Services	$105,780.38
ETM Surveying & Mapping, Inc.	Non-MBE	Design Survey & SUE	$233,547.85
All Traffic Data	Non-MBE	Traffic Data Collection	$7,006.10

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	**$349,816.63**
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	
Non-MBE Participation Total	**$346,334.33**

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: _____ Title: President Date: May 31, 2024

Print Name: Dow Peters

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9403-51867229AAD1

EXHIBIT E

SCOPE OF SERVICES
May 6, 2024

PROFESSIONAL DESIGN SERVICES FOR
PENMAN ROAD FROM BEACH BOULVARD TO ATLANTIC BOULEVARD – 30% DESIGN PLANS
RFP NO. P-11-20
CITY OF JACKSONVILLE, FLORIDA

I. PROJECT DESCRIPTION

A. The purpose of this scope of services is to provide engineering design, permitting and all other professional services for the submittal of the 30% Design Plans for the Penman Road Project from Beach Boulevard to Atlantic Boulevard.

B. The project length is approximately 2.5 miles and the limits are as follows:

The project will begin at the intersection of Beach Boulevard and Penman Road and end at the intersection of Atlantic Boulevard and Penman Road. The project improvements will be based on the Penman Road Complete Streets Project Study and Conceptual Plan.

C. The scope of this project is based on recommendations included in the Request for Proposals (RFP) P-11-20 for Professional Engineering Services for Penman Road Complete Streets Project from Beach Boulevard to Atlantic Boulevard dated April 2020 and the result of the Penman Road Traffic Study and Conceptual Plan. Services required in providing construction plans include:

- Roadway Design
- Drainage Design
- Landscape Architecture
- Signing and Pavement Marking Design
- Lighting Design
- Maintenance of Traffic
- Utility Coordination
- Public Involvement
- Survey
- Subsurface Utility Exploration (SUE)

Roadway Design: Provide roadway design plans for the 30% Design Plans Submittal. These plans will address the roadway design improvements within the project limits and will provide the following: proposed roadway typical section, pavement improvements (milling and resurfacing & widening), ADA and sidewalk connectivity improvements, shared use path, driveway improvements, intersection improvements, side street improvements, mid-block crossing and roundabout design.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

City of Jacksonville Beach for any additional drainage deficiencies within these project limits.

Landscape Architecture: Landscape Design and Tree Mitigation analysis will be included. Plans to be provided based on the impacts of the final 30% Design Plans for the Penman Road Project.

Signing and Pavement Marking Design: Provide pavement markings within the pavement improvement areas and sign replacements impacted due to the proposed roadway improvements.

Lighting Design: To include review of existing intersection lighting within the project limits and to provide corridor lighting and additional lighting for pedestrian crossings within the project limits. Coordinate with the maintaining agency for lighting preferences and equipment and include with the 30% Design Plans.

Maintenance of Traffic: Temporary Maintenance of Traffic Plans will be provided to address movement of vehicles, pedestrians and bicyclist withing in the project limits during construction.

Utility Coordination: To includes efforts needed to address utility conflicts and resolution which will include: collection and review of existing utilities, utility design coordination with UAOs, providing utility conflict matrix and final utility close-out.

Public Involvement: To include set-up, attendance at the public meeting and preparation of a meeting summary. The summary will include a copy of all slides, boards, handouts, completed sign-in sheets and completed comment forms. Tasks to include follow-up with public meeting comments and responses will be included. Two public meetings to update the stakeholders during the 30% Design Schedule.

D. Consultant will prepare for inclusion with City's Contract Documents detailed construction drawings and specifications to show the work to be constructed. Project design/plans/submittal review phases will include: 15% (Line and Grade) and 30% Design Plan submittal.

Consultant will advise City of any adjustment of the opinion of probable construction cost estimates for the project caused by changes in scope, design requirements, and construction unit costs, and furnish a revised opinion of probable construction cost estimate for the project based on such.

II. PROJECT TASK REQUIREMENTS

A. Task 1 – Preliminary Engineering Services

Preliminary engineering services will include necessary analysis and design support services to facilitate final design of the project. This task will include the field review(s), survey, subsurface utility engineering (SUE), geotechnical investigation, environmental services and utility coordination.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-5188722 9AAD1

Task 1.1 Design Survey

Consultant will provide a topographic 3D survey and right-of-way of the project limits to include enough information to prepare design plans for bidding and construction purposes. Tasks include:

- A topographic 3D survey for design purposes. The surveyed data will be referenced to NAD83/2011 horizontal datum and NAVD88 vertical datum.
- A right-of-way control survey to accurately determine and place the right-of-way. This effort will include the survey of subdivisions adjoining the project corridor, research of plats and right of way maps available in the Public Records of Duval County.
- 3D survey information for all drainage structures within the limits of the project will be included in the survey. Pipe sizes, types and inverts will be obtained.

The deliverables will consist of digital data (CADD) files of the survey data in a format suitable for civil engineering design and a signed and sealed topographic survey.

Task 1.2 SUE Services

Consultant will provide subsurface utility engineering services for the project described in Section I.

Preform Quality Level A locates during the 30% plans approval.

The underground utility designation will be surveyed and incorporated into the digital file and signed and sealed survey from Task 1.1.

Task 1.3 Utility Services

Utility Coordination

- Locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. Every attempt to minimize the need for maintenance of traffic operations will be made, with the exception of signs and cones, as required. It should be noted that the presence of overhead and below grade utilities may require that the borings be offset a minimal distance away from the actual structure location(s).

B. Task 2 – Construction Plans

Consultant will prepare construction plans in accordance with latest editions of the FDOT Standard Specifications for Road and Bridge Construction, Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook), City Standard Specifications and Details and Land Development Procedures Manual, and regulations and policies of applicable permitting agencies.

Task 2.1 – 30% Plans Submittal

Consultant will prepare 30% construction plans. The plans will include sufficient information and detail to demonstrate the overall design intent. The index of plans for this

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-51887229AAD1

phase submittal will include: (Some sheets maybe be eliminated or modified by combining information on other sheets).

- Cover/Key Sheet
- Typical Section/Details
- General Notes
- Survey Reference Points
- Roadway Plans
- Cross Sections
- Drainage Plans and Details
- Traffic Control Plans
- Utility Location Plan
- Signing and Pavement Marking Plans
- Lighting Plans
- Landscape Plans
- Estimate of Probable Construction Cost

Task 2.2 – 30% Final Plans Submittal
Consultant will prepare a Final 30% Plans Set which will incorporate any changes, refinements, or modifications necessary following COJ review of the previous submittal.

III. PROJECT SUBMITTAL REQUIREMENTS

Project submittal requirements will be as included under previous Section II of this scope of services and as supplemented following:

A. Utility Coordination. Consultant will coordinate and provide project design intent plans at the earliest time possible to assist utility agency owners (UAOs) in locating their facilities for the purpose of identifying and resolving conflicts with the proposed design/construction.

B. Preliminary Design (30% and Final 30%). For 30% and Final 30% submittals, Consultant will provide one (1) set in Electronic Format (.pdf) to City Project. For the Final submittal, Consultant will provide three (3) copies of the plans in 11" x 17" Format and one (1) set in Electronic Format (.pdf) to City Project Manager.

C. Opinion of Probable Construction Cost Estimates. Provide one (1) copy (.pdf) to City Project Manager for review and comment. These estimates will be provided with the 30%, and Final 30% Submittals.

D. Design Reviews. Consultant will allow a 20 workday review time by City for the plans submittal and, if requested by City, will attend a review conference and prepare meeting minutes documenting same. In addition, if directed by City, a complete review may be held at the project site. Consultant will allow 35 workdays review time for the 30% submittal to include City Development Services Group (CDSG) Review. Any changes, refinements, or modifications developed in each review will be incorporated into the design or otherwise disposed of before proceeding to follow-on design work. City will provide consolidated plans markups and/or written comments for each submittal, which will be returned with the next follow-up submittal showing Consultant's response to City comments.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-5188722 9AAD1

IV. OTHER PROJECT REQUIREMENTS / CLARIFICATIONS

A. City will provide Consultant with available right-of-way information/data along the corridor to supplement that obtained by the project proposed survey services as indicated in Task 1.1.

B. Consultant will provide dialogue with City Right-of-Way and Stormwater Maintenance Division, Traffic Engineering Division, Engineering Division, and JEA Water & Sewer Business Unit as appropriate for 30% Design Plans.

C. Consultant will provide dialogue with affected utility agencies as appropriate.

D. Plans will be submitted electronically by Consultant to UAOs, as noted above, with intent UAOs will promptly and accurately provide location of their respective facilities within the project limits.

E. Underground utilities are anticipated to be located by respective UAOs that may be impacted and will be marked on the surface by a representative of the UAO. Existing as-built information will be incorporated and field-verified as necessary. All pertinent vertical information on pipe, inverts, conduits, etc., will be obtained where possible. Should additional verification of subsurface utilities requiring excavation be necessary, soft-dig (VVH) services will be performed to locate and determine the elevation of existing underground utilities that may conflict with the proposed improvements. Costs for soft-dig (VVH) services are included in the reimbursable portion of the Contract Fee Summary included herewith.

F. Trees are anticipated to be impacted as part of the project. The City will mitigate accordingly per City tree ordinance criteria.

G. Plans will be standard half-scale 11"x17" paper for all submittals. Additionally, Consultant will submit all drawings in electronic form using a standard .dgn and/or .pdf format if requested by the City at the completion of the project.

H. City will be the Owner of the final documents.

I. Consultant will take notes of all design/review meetings held with City agencies. These notes shall be transcribed and furnished to City Project Manager for concurrence as soon as practical after the date of the meeting.
Consultant will be required to attend or participate in any public information meetings that may be held or conducted by City.

J. Consultant will work directly with City Project Manager as the sole point of contact regarding this project.

K. City Project Manager will notify Consultant in writing regarding changes to the project that will require modification to this scope of services.

V. ESTIMATED TIME SCHEDULE

The full project schedule will be determined after NTP.

VI. PROGRESS REPORTING

Consultant will provide a monthly project progress status report to City as part of each monthly invoice submittal. In the event of unforeseen delays, Consultant will attempt to mitigate these delays and report on actions taken to maintain the original schedule. Any changes made to the schedule will be explained. Significant activities for the past month and projected activities for the next month will be highlighted in the progress status report.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-51887229AAD1

VII. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and a Notice to Proceed is issued that specifically authorizes such work.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-51867229AAD1

EXHIBIT F

CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Penman Road Complete Streets - Phase 2 (30% Plans)	2. Proposal Number COJ P-11-20
3. Name of Consultant Peters and Yaffee, Inc.	4. Date of Proposal 5/2/2024

PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Enigneer	$100.00	85	$8,500.00	
Chief Engineer	$77.38	153	$11,839.14	
Senior Engineer	$59.32	458	$27,168.56	
Project Engineer	$48.50	550	$26,675.00	
Senior Designer	$35.07	461	$16,167.27	
Engineering Intern	$35.31	487	$17,195.97	
Engineering Technician	$33.18	244	$8,095.92	
TOTAL DIRECT LABOR		2,438	Hours	$115,641.86
6. Overhead (Combined Fringe Benefit & Administrative)			175.00%	$202,373.26
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$318,015.12
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$31,801.51

PART III - OTHER COSTS		
9. Miscellaneous Direct Costs		
Transportation & Shipping	$0.00	
Original Reproducibles	$0.00	
Reproducibles	$0.00	
Other	$0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$0.00
10. SUBCONTRACTS		
ETM - Drainage & Landscaping Design Services	$105,780.38	
ETM - Design Survey & SUE	$233,547.85	
ATD - Traffic Data Collection	$7,006.10	
SUB-CONTRACT SUB-TOTAL		$346,334.33
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$696,150.96
11. REIMBURSABLE COSTS (Limiting Amount)		
SUB-TOTAL REIMBURSABLES		$0.00

PART IV - SUMMARY	
TOTAL AMOUNT OF AMENDMENT #6 (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$696,150.96**
12. PRIOR CONTRACT AMOUNT (Through Amendment # 1)	$1,019,845.00
AMENDED AMOUNT OF CONTRACT	**$1,715,995.96**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-51667229AAD1

EXHIBIT F

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 30, 2023

Dow Peters, President
PETERS AND YAFFEE, INC.
9822 Tapestry Park Circle, Suite 205
Jacksonville, Florida 32246

Dear Mr. Peters:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design
3.2 - Major Highway Design

Group 6 - Traffic Engineering and Operations Studies

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing
6.3.1 - Intelligent Transportation Systems Analysis and Design

Group 7 - Traffic Operations Design

7.1 - Signing, Pavement Marking and Channelization
7.2 - Lighting
7.3 - Signalization

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
196.20%*	0.376%	Reimbursed	No	0.20%

*For multi-year contracts, DOT has adjusted the overhead rates to mitigate the adverse impacts of Payroll Protection Program loan forgiveness. For information on the adjusted overhead rates, contact the district Procurement Office.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-51887229AAD1

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell

Carliayn Kell
Professional Services
Qualification Administrator

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7
DocuSign Envelope ID: FA1DD5BD-072E-4362-9405-51667229AAD1

EXHIBIT F

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Penman Road Complete Streets - 30% Design	**2. Proposal Number**
3. Name of Consultant England-Thims and Miller	**4. Date of Proposal** 4/22/2024

PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 100.00	3	$ 300.00	
Chief Engineer	$ 76.53	35	$ 2,678.55	
Senior Engineer	$ 75.00	119	$ 8,925.00	
Project Manager	$ 64.90	37	$ 2,401.30	
Project Engineer	$ 54.73	168	$ 9,194.64	
Senior Designer	$ 45.75	56	$ 2,562.00	
Designer	$ 33.51	37	$ 1,239.87	
Senior Landscape Architect	$ 45.00	17	$ 765.00	
Landscape Architect	$ 41.51	36	$ 1,494.36	
TOTAL DIRECT LABOR	$58.19	508		$ 29,560.72
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	225.31 % x Total Direct Labor			$ 66,603.26
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 96,163.98
8. PROFIT: Labor Related Costs (Item 7)		x	10%	$ 9,616.40

PART III - OTHER COSTS		
9. Miscellaneous Direct Costs		
Transportation & Shipping	$ 0.00	
Original Reproducibles	$ 0.00	
Reproduction	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
Traffic	$ 0.00	
Structural Design	$ 0.00	
Environmental/Permitting	$ 0.00	
Other (Specify)	$ 0.00	
SUB-CONTRACT SUB-TOTAL		$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 105,780.38
11. REIMBURSABLE COSTS (Limiting Amount)		
Geotechnical Investigations	$ 0.00	
Permitting Activities	$ 0.00	
Wetland Staking	$ 0.00	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY	
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 105,780.38**

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

EXHIBIT F

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 4, 2023

Christopher Wilkey, Chief Financial Officer
ENGLAND, THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Wilkey:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.3 - Signalization

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI
- 10.5.1 - Major Bridge CEI - Concrete
- 10.5.2 - Major Bridge CEI - Steel

Group 13 - Planning

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

EXHIBIT F

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
225.31%	183.97%	0.641%	Reimbursed	No	6.92%	28.31%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell

Carliayn Kell
Professional Services
Qualification Administrator

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

EXHIBIT F

Exhibit B

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project COJ Penman Road Beach to Atlantic less 1500'	**2. Proposal No. / Contract No.**
3. Name of Consultant orSubconsultant: ETM Surveying & Mapping, Inc. - Design Survey and SUE	**4. Date of Proposal** May 2, 2024

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
SUR Principal/Project Manager	$ 76.92	25	$ 1,923.00	
SUR Project Surveyor	$ 47.96	38	$ 1,822.48	
SUR Survey Technician	$ 40.97	102	$ 4,178.94	
SUR SUE Sr. Utility Coordinator	$ 43.82	24	$ 1,051.68	
SUR Survey CADD Operator	$ 27.17	82	$ 2,227.94	
SUR SUE Analyst	$ 22.31	24	$ 535.44	
SUR Clerical	$ 23.57	8	$ 188.56	
SUR Party Chief	$ 27.39	706	$ 19,337.34	
SUR Survey Instrument Operator	$ 21.77	706	$ 15,369.62	
SUR Survey Field Assistant	$ 17.85	706	$ 12,602.10	
SUR SUE Crew Chief	$ 36.85	240	$ 8,844.00	
SUR SUE Instrument Technician	$ 21.04	240	$ 5,049.60	
SUR SUE Technician	$ 16.98	240	$ 4,075.20	
TOTAL DIRECT LABOR	$ 24.58	3141		$ 77,205.90
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate		**175 %** x Total Direct Labor		$ 135,110.33
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 212,316.23**
8. PROFIT: Labor Related Costs (Item 7)		x	**10%**	$ 21,231.62

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)		
Printing	$ 0.00	
Transportation & Shipping	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONSULTANTS (Lump Sum)		
	$	
	$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		$ -
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	$	
	$	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	**$ 233,547.85**
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

EXHIBIT F

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

August 16, 2023

Scott Graham, Vice President
ETM SURVEYING & MAPPING, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Graham:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 8 - Survey and Mapping

8.1 - Control Surveying
8.2 - Design, Right of Way & Construction Surveying
8.3 - Photogrammetric Mapping
8.4 - Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
210.53%	1.098%	Reimbursed	No	4.78%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell

Carliayn Kell
Professional Services
Qualification Administrator

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

EXHIBIT F

Exhibit B

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL

1. Project Penman Road Complete Streets Project - 30% Plans	**2. Proposal No. / Contract No.** P-11-20
3. Name of Consultant orSubconsultant: All Traffic Data Services, LLC	**4. Date of Proposal** May 2, 2024

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Regional Manager	$ 47.00	3	$ 141.00	
Project Manager	$ 40.00	15	$ 600.00	
Field Manager	$ 30.00	33	$ 990.00	
Technician	$ 25.00	26	$ 650.00	
TOTAL DIRECT LABOR	$ 30.92	77		$ 2,381.00
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	167.5 % x Total Direct Labor			$ 3,988.18
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 6,369.18**
8. PROFIT: Labor Related Costs (Item 7)			x **10%**	$ 636.92

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)		
Printing	$ 0.00	
Transportation & Shipping	$ 0.00	
	$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONSULTANTS (Lump Sum)		
	$	
	$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		**$ 7,006.10**
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	$	
	$	
	$	
	$	
	$	
	$	
	$	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	**$ 7,006.10**
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

EXHIBIT F

Gmail

Dawn Boivin <dawnboivin@alltrafficdata.net>

All Traffic Data Services, LLC - approval memo for FYE 12/31/19

1 message

Owens, Jeffrey <Jeffrey.Owens@dot.state.fl.us> Thu, May 28, 2020 at 5:06 AM
To: "Kell, Carliayn" <Carliayn.Kell@dot.state.fl.us>, "Walls, Kelly" <Kelly.Walls@dot.state.fl.us>
Cc: "Cook, Jon" <Jon.Cook@dot.state.fl.us>, Dawn Boivin <dawnboivin@alltrafficdata.net>

FDOT

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

This Office has completed a review of the self-certification information submitted by All Traffic Data Services, LLC for the period ending December 31, 2019. The rates we have accepted are listed below. The overhead rate is limited to the department cap. **If this Company is prequalified in a work type, the expiration date should coincide with the prequalification expiration date.**

REVIEW OF SELF-CERTIFICATION

CONSULTANT NAME	All Traffic Data Services, LLC	*F/Y Ended*	12/31/19	*Rate Expiration Date*	6/30/21
CPA'S NAME	Self-Certification	*DATE OF RECEIPT*	5/27/20	*Cert. DATE*	5/27/20

REPORT STATUS

REJECTED		*OT PREMIUM*	*Reimb. Actual Expenses*
X		Reimbursed (Excluded or Reimb)	YES

COST BASED RATES

OVERHEAD		DIRECT EXPENSE			
Home	*Field*	*Home*	*Field*	*FCCM*	*Published Fee Schedule*
167.50%				0.000%	NO
Capped					

Docusign Envelope ID: FF55D58C-999E-4DBC-9960-394F32E6C6A7

FID# 84-1594184

EXHIBIT F

Safety, Mobility, Innovation

www.fdot.gov

Jeffrey B. Owens

Procurement Office

Florida Department of Transportation

850-414-4539

jeffrey.owens@dot.state.fl.us

Please note that Florida has a broad public records law and that all correspondence, including e-mail, may be subject to disclosure. However, Indirect Cost Rate information is protected by Title 23 U.S. Code 112.

Are you doing your part for Florida? Report FRAUD... 1-800-255-8099! With your help, we all benefit.