

**FIRST AMENDMENT TO CONTRACT FOR PROFESSIONAL DESIGN SERVICES
FOR AMELIA ISLAND TRAIL PHASE 4 – WILL HARDEE/14TH STREET SHARED
USE PATH (SCHOOLS TO WATERFRONT)**

THIS FIRST AMENDMENT TO THE CONTRACT FOR PROFESSIONAL DESIGN SERVICES FOR AMELIA ISLAND TRAIL PHASE 4 – WILL HARDEE/14TH STREET SHARED USE PATH (SCHOOLS TO WATERFRONT) (hereinafter “Amendment”) is made by and between the Board of County Commissioners of Nassau County, Florida, a political subdivision of the State of Florida (hereinafter the “County”), and **STV Incorporated**, a business having its primary business location at 5200 Belfort Road, Suite 400 Jacksonville, Florida 32256 (hereinafter the “Vendor”).

WITNESSETH:

WHEREAS, the Parties previously entered into a Contract for Professional Design Services for Amelia Island Trail Phase 4 – Will Hardee/14th Street Shared Use Path (Schools to Waterfront) dated April 28, 2025 (hereinafter “Contract”); and

WHEREAS, the Parties now desire to amend the Contract terms and conditions subject to the provisions contained herein.

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, the Parties do agree to amend the Contract as follows:

SECTION 1. The Contract is hereby amended to incorporate the additional Scope of Services dated June 24, 2025, a copy of which is attached hereto and incorporated herein as Exhibit “A”.

SECTION 2. Section 7.1 of the Contract is hereby amended to increase the compensation amount for the goods/services to be provided under the Contract by Three Hundred Sixty Thousand, Five Hundred Eighty-Five Dollars and 28/100 (\$360,585.28) and the County shall now compensate the Vendor in an amount not to exceed One Million, Six Hundred Eighty-Five Thousand, Five Hundred Sixty-Five Dollars and 94/100 (\$1,685,565.94).

SECTION 3. Upon execution of this Amendment, and in accordance with Section 287.138, Florida Statutes, the Vendor shall provide the County an affidavit, on a form approved by the County, signed by an officer or representative of the Vendor under penalty of perjury attesting that the Vendor will comply with all requirements of Section 287.138, Florida Statutes.

SECTION 4. All other terms and conditions of the Contract not inconsistent with the provisions of this Amendment shall remain the same and in full force and effect.

[The remainder of this page left intentionally blank.]

CM3888-A1

IN WITNESS WHEREOF, the Parties have caused this First Amendment to be executed by its duly authorized representatives, effective as of the last date below.

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

Signature: _____

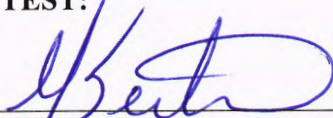


Print Name: A.M. "Hupp" Huppmann

Title: Chairman

Date: 8/11/2025

ATTEST:



MITCH L. KEITER

Its: Ex-Officio Clerk

REVIEWED FOR LEGAL FORM AND CONTENT:

Denise C. May, Esq., BCS

DENISE C. MAY, County Attorney

STV INCORPORATED

Signature: J. Keith Jackson, PE

By: J. Keith Jackson, PE

Title: Vice-President, Florida

Date: 7/25/2025

June 24, 2025

EXHIBIT "A"

SCOPE OF SERVICES

June 24, 2025

ENGINEERING DESIGN SERVICES FOR AMELIA ISLAND TRAIL PHASE 4

WILL HARDEE/14TH STREET SHARED USE PATH

(SCHOOLS TO WATERFRONT)

FPID NO. 437337-3-54-01

Professional Design Services NC24-027-RFQ

CONTRACT AMENDMENT NO. 1

I. SCOPE OF PROJECT

- A. The intent of this project is to provide engineering design, permitting, and other professional services necessary for the bidding and construction of the Nassau County **Amelia Island Trail Phase 4**. The primary effort is shared-use path design services and includes stormwater management design and plans, tree mitigation impact assessment, signalization plans, lighting assessment, utility coordination, roadway, and drainage design, acquiring necessary permits, and generating a safety report, construction cost estimate, estimated construction schedule, and the project bid specifications. This amendment will include approximately 1 mile of access management median modifications on S. 14th Street from Sadler Rd to Lime Street.
- B. The proposed project limits are from Simmons Rd. to the south, traversing north along Will Hardee Rd. to Sadler Rd, west on Sadler Rd. to S. 14th Street, and north on S. 14th Street to Hickory Street. These limits are unchanged.
- C. It is intended that STV Incorporated's (CONSULTANT) services will result in necessary drawings, sketches, and other documents needed for final design and permitting.
- D. CONSULTANT'S services on the project include two phases:
 1. Final Design
 2. Post Design Service during Bidding & Construction.

This agreement includes only the first phase (Final Design).

II. TECHNICAL REQUIREMENTS

- A. Design, Plans Preparation and Coordination (**See Staff Hours for scope details**):

1. PUBLIC INVOLVEMENT

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2. TRAIL DESIGN
3. MEDIAN IMPROVEMENT DESIGN
4. DRAINAGE DESIGN
5. UTILITY COORDINATION
6. ENVIRONMENTAL PERMITTING
7. STRUCTURAL DESIGN
8. SIGNING AND PAVEMENT MARKING DESIGN
9. SIGNALIZATION DESIGN
10. LIGHTING ASSESSMENT
11. DESIGN SURVEY/SUE
12. RIGHT-OF-WAY MAPPING
13. GEOTECHNICAL ASSESSMENT
14. LANDSCAPE ARCHITECTURE
15. COORDINATION MEETINGS

B. GUIDANCE & CRITERIA

Guidance & criteria shall be based on the following published documentation as relevant:

1. Nassau County Standard Details
2. Nassau County Code of Ordinance
3. Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, State of Florida (Florida Greenbook)
4. Manual on Uniform Traffic Control Devices (MUTCD)

C. FINAL PROJECT DELIVERABLES:

The CONSULTANT will provide a final package to the Project Manager at the completion of this phase and will include:

1. Final Road Safety Study (including Median Safety Report)
2. Final Engineering Report (including Traffic Memo)
3. Final Roadway Plan

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4. Final Signalization Plans (included resurfaced traffic detector loop design)
5. Final Lighting Plans (if necessary)
6. Bid & Supplemental Specifications
7. Construction Cost Estimate
8. Estimated Construction Schedule
9. Supporting Design Documentation and Reports
10. Permit Applications
11. Utility Work Schedules

D. MEETINGS:

1. The CONSULTANT shall take notes of all design/review meetings held with Nassau County. These notes shall be transcribed and furnished to the Project Manager for concurrence as soon as practical (but not more than 5 working days) after the date of the meeting.
2. The CONSULTANT shall take minutes/notes of all meetings with outside agencies. These notes shall be notified in writing by the Project Manager regarding changes to the project that will require modification to the CONSULTANT's work.

E. ADDITIONAL REQUIREMENTS:

1. The CONSULTANT shall deliver Final Plans in 11" x 17" sheets.
2. The CONSULTANT shall deliver final digital files in MicroStation format.

III. TIME SCHEDULE

The Design Phase shall follow the 12-month duration schedule outlined below.

1. Notice to Proceed (NTP)
2. Mobilize Survey/SUE, Geotechnical, and Environmental services
3. Submit 60% plans (*5 months from NTP.*)
 - Safety Report
 - Traffic Memo
 - Engineering Report (including value engineering recommendations)

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- Roadway Plans (including TTCP and S&PM Plans)
 - Construction Cost Estimate
 - Estimated Construction Schedule
 - Lighting (If warranted)
 - Geotechnical Report
4. Nassau County 60% plans review
5. Submit 90% plans (*4 months from 60% plans submittal*)
- Roadway Plans (including TTCP and S&PM Plans)
 - Signalization Plans (including structural plans)
 - Lighting Plans (If warranted)
 - Landscaping Plans
 - Construction Cost Estimate
 - Estimated Construction Schedule
 - DRAFT Bid Specifications
 - DRAFT Utility Work Schedules
6. Nassau County 90% plans review
7. Submit FINAL Plans, permits, estimates, and bid documents (*3 months from 90% plans submittal*).
- Final Road Safety Study / Median Safety Report
 - Final Engineering Report (including Traffic Memo)
 - Final Roadway Plans (including TTCP and S&PM Plans)
 - Final Signalization Plans (including structural plans)
 - Final Lighting Plans (If warranted)
 - Final Landscaping Plans
 - Construction Cost Estimate
 - Estimated Construction Schedule

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- Final Bid Specifications
- Final Utility Work Schedules

IV. 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.

**CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
NASSAU COUNTY**

PART I - GENERAL

1. Project Amelia Island Trail Phase 4 Will Hardee/14th Street shared use path (Schools to Waterfront)	2. Proposal No. / Contract No. SA #1 / CM3888 / NC24-027-RFQ
3. Name of Consultant STV INC	4. Date of Proposal June 24, 2025

PART II - LABOR RELATED COSTS

5. Direct Labor (Lump Sum)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Classification				
Project Manager	\$ 68.51	267	\$ 18,292.17	18,292.17
Chief Engineer	\$ 95.76	214	\$ 20,492.64	20,492.64
Senior Engineer	\$ 93.00	227	\$ 21,111.00	21,111.00
Engineer 2	\$ 71.15	266	\$ 18,925.90	18,925.90
Engineer 1	\$ 51.48	291	\$ 14,980.68	14,980.68
Engineer Intern	\$ 38.20	50	\$ 1,910.00	1,910.00
CADD / Computer Technician	\$ 21.92	49	\$ 1,074.08	1,074.08
Secretary/Clerical	\$ 30.00	24	\$ 720.00	720.00
TOTAL DIRECT LABOR	\$ 70.25	1388		\$ 97,506.47
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	150 % x Total Direct Labor			\$ 146,259.71
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 243,766.18
8. PROFIT: Labor Related Costs (Item 7)	x 10%			\$ 24,376.62

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)	\$	
	\$	
	\$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL	\$	-
10. SUBCONTRACTS (Lump Sum)	\$	
	\$	
	\$	
SUB-CONTRACTs SUB-TOTAL (Lump Sum)	\$	-
11. REIMBURSABLE COSTS (Limiting Amount)		
DRMP, Inc. (Survey)	Survey	\$ 20,549.27
DRMP, Inc. (SUE)	SUE	\$ 58,728.21
Peter & Yaffee, Inc.	Signals and Lighting	\$ 7,640.00
PMA	Traffic Counts	\$ 5,525.00
SUB-TOTAL REIMBURSABLES		\$ 92,442.48

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	\$ 360,585.28
13. ORIGINAL OR CURRENT CONTRACT AMOUNT	\$ 1,324,980.66
14. AMENDED CONTRACT AMOUNT	\$ 1,685,565.94

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: 437337-3-54-01

Project Name: The Amelia Island Trail Phase 4

FAP Number: 0

Date: 6/24/2025

Name of Consultant: STV, Inc.

WORK ACTIVITY	Hours from "Summary" sheet	EMPLOYEE CLASSIFICATION													TOTAL STAFF HOURS		ON CADD
		Project Manager Hours	Chief Engineer Hours	Senior Engineer Hours	Engineer 2 Hours	Engineer 1 Hours	Engineering Intern Hours	CADD / Computer Tech Hours	Secretary / Clerical Hours	0 Hours	0 Hours	0 Hours	0 Hours				
														RANGE		PERCENT	
3. Project General and Project Common Tasks	60	24	0	0	0	12	0	0	24	0	0	0	0	60	66		
4. Roadway Analysis	948	190	190	190	190	190	0	0	0	0	0	0	0	950	1045		
5. Roadway Plans	125	0	0	0	25	50	25	25	0	0	0	0	0	125	138		
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7. Utilities	8	4	0	0	2	2	1	0	0	0	0	0	0	9	10		
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
19. Signing & Pavement Marking Analysis	201	40	20	30	40	30	20	20	0	0	0	0	0	200	220		
20. Signing & Pavement Marking Plans	44	9	4	7	9	7	4	4	0	0	0	0	0	44	48		
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTALS	1,386	267	214	227	266	291	50	49	24	0	0	0	0	1,388	1,527		

- Notes:
- 1. This worksheet provides the distribution of a firm's total staff hours for a project.
 - 2. Percentages for staff hour distribution by classification are entered below in rows 64 to 98 of this sheet.
 - 3. Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.
 - 4. Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

Field Survey Estimate:			
0	4-person crew days	FIRM TOTAL	1,3881,527

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number:437337-3-54-01

Project NameThe Amelia Island Trail Phase 4

FAP Number:0

Date:6/24/2025

Name of Consultant:STV, Inc.

Staff Hour Distribution Percentages - Firm Total														
	Hours from "Summary" sheet Firm Total	Project Manager	Chief Engineer	Senior Engineer	Engineer 2	Engineer 1	Engineering Intern	CADD / Computer Tech	Secretary / Clerical					Total
3. Project General and Project Common Tasks	60	40.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	100.00%
4. Roadway Analysis	948	20.0%	20.0%	20.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
5. Roadway Plans	125	0.0%	0.0%	0.0%	20.0%	40.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
6a. Drainage Analysis	0	20.0%	20.0%	20.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
6b. Drainage Plans	0	0.0%	0.0%	0.0%	20.0%	40.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
7. Utilities	8	50.0%	0.0%	0.0%	20.0%	20.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
8. Environmental Permits, and Env. Clearances	0	40.0%	0.0%	40.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	20.0%	20.0%	20.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
10. Structures - Bridge Development Report	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
11. Structures - Temporary Bridge	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
12. Structures - Short Span Concrete Bridge	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
13. Structures - Medium Span Concrete Bridge	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
14. Structures - Structural Steel Bridge	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
15. Structures - Segmental Concrete Bridge	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
16. Structures - Movable Span	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
17. Structures - Retaining Walls	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
18. Structures - Miscellaneous	0	20.0%	20.0%	20.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
19. Signing & Pavement Marking Analysis	201	20.0%	10.0%	15.0%	20.0%	15.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
20. Signing & Pavement Marking Plans	44	20.0%	10.0%	15.0%	20.0%	15.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
21. Signalization Analysis	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
22. Signalization Plans	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
23. Lighting Analysis	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
24. Lighting Plans	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
25. Landscape Analysis	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
26. Landscape Plans	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
27. Survey (Field & Office Support)	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
28. Photogrammetry	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
29. Mapping	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
30. Terrestrial Mobile LiDAR	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
31. Architecture Development	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
32. Noise Barriers Impact Design Assessment	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
33. Intelligent Transportation Systems Analysis	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
34. Intelligent Transportation Systems Plans	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
35. Geotechnical	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
36. 3D Modeling	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:County:FPN:FAP No.:

The Amelia Island Trail Phase 4Nassau437337-3-54-011/0/1900

Consultant Name:STV, Inc.

Consultant No.:TBD

Date:6/24/2025

Estimator:Kevin Shoemaker, PE

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Chief Engineer	Senior Engineer	Engineer 2	Engineer 1	Engineering Intern	CADD / Computer Tech	Secretary / Clerical	0	0	0	0	SH	Salary	Average
		\$68.51	\$95.76	\$93.00	\$71.15	\$51.48	\$38.20	\$21.92	\$30.00	\$0.00	\$0.00	\$0.00	\$0.00	By Activity	Cost By Activity	Rate Per Task
3. Project General and Project Common Tasks	60	24	0	0	0	12	0	0	24	0	0	0	0	60	\$2,982	\$49.70
4. Roadway Analysis	948	190	190	190	190	190	0	0	0	0	0	0	0	950	\$72,181	\$75.98
5. Roadway Plans	125	0	0	0	25	50	25	25	0	0	0	0	0	125	\$5,856	\$46.85
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	8	4	0	0	2	2	1	0	0	0	0	0	0	9	\$558	\$61.94
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	\$0.00
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
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	201	40	20	30	40	30	20	20	0	0	0	0	0	200	\$13,038	\$65.19
20. Signing & Pavement Marking Plans	44	9	4	7	9	7	4	4	0	0	0	0	0	44	\$2,892	\$0.00
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0.00
Total Staff Hours	1,386	267	214	227	266	291	50	49	24	0	0	0	0	1,388		
Total Staff Cost		\$18,292.17	\$20,492.64	\$21,111.00	\$18,925.90	\$14,980.68	\$1,910.00	\$1,074.08	\$720.00	\$0.00	\$0.00	\$0.00	\$0.00		\$97,506.47	\$70.25

Survey Field Days by Subconsultant
4 - Person Crew:

- Notes:
- This sheet to be used by Prime Consultant to calculate the Grand Total fee.
 - Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

Check =					\$97,506.47
SALARY RELATED COSTS:					\$97,506.47
OVERHEAD:		150%			\$146,259.71
OPERATING MARGIN:		10%			\$24,376.62
FCCM (Facilities Capital Cost Money):		0.00%			\$0.00
EXPENSES:		0.00%			\$0.00
Survey (Field - if by Prime)	0	4-person crew days @	\$ -	/ day	\$0.00
SUBTOTAL ESTIMATED FEE:					\$268,142.80
Subconsultant: DRMP - Survey					\$20,549.27
Subconsultant: DRMP - SUE					\$58,728.21
Subconsultant: Peters and Yaffee					\$7,640.00
Subconsultant: PMA					\$5,525.00
SUBTOTAL ESTIMATED FEE:					\$360,585.28
Geotechnical Field and Lab Testing					\$0.00
SUBTOTAL ESTIMATED FEE:					\$360,585.28
Optional Services					\$0.00
GRAND TOTAL ESTIMATED FEE:					\$360,585.28

Project Activity 3: General Tasks

Estimator:

The Amelia Island Trail Phase 4
437337-3-54-01

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					Public Involvement provided in original trail scope and fee. Osiris 9 to prepare combined public meeting for the trail and median access modifications
3.1.1	Community Awareness Plan	LS	1	0	0	N/A - Osiris 9
3.1.2	Notifications	LS	1	0	0	N/A - Osiris 9
3.1.3	Preparing Mailing Lists	LS	1	0	0	N/A - Osiris 9
3.1.4	Median Modification Letters	LS	1	0	0	N/A - Osiris 9
3.1.5	Driveway Modification Letters	LS	1	0	0	N/A - Osiris 9
3.1.6	Newsletters	LS	1	0	0	N/A - Osiris 9
3.1.7	Renderings and Fly Throughs	LS	1	0	0	N/A - Osiris 9
3.1.8	PowerPoint Presentation	LS	1	0	0	N/A - Osiris 9
3.1.9	Public Meeting Preparations	LS	1	40	40	Intersection Improvement graphic preparation for median modification exhibits
3.1.10	Public Meeting Attendance/Followup	LS	1	0	0	Attendance included with original trail scope and fee
3.1.11	Other Agency Meetings	LS	1	0	0	N/A - Osiris 9
3.1.12	Web Site	LS	1	0	0	N/A - Osiris 9
3.1 Public Involvement Subtotal					40	
3.2	Joint Project Agreements	EA	0	0	0	
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	0	0	N/A
3.3.2	Estimated Quantities Report Preparation	LS	1	0	0	

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.4	Contract Maintenance and Project Documentation	LS	1	8	8	8 hrs for SA set-up (including sub-contracts amendements, account system amendements)
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	
3.6	Prime Consultant Project Manager Meetings	LS	1	12	12	See listing below
3.7	Plans Update	LS	1	0	0	
3.8	Post Design Services	LS	1	0	0	To be negotiated under separate SA
3.9	Digital Delivery	LS	1	0	0	N/A
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	N/A
3. Project Common and Project General Tasks Total					60	

3.6 - List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis	EA	3	3	9	1 PM Access Management Meetings, 1 PM Safety/Traffic Memo Meeting, 1 CoFB design coordination meeting
Drainage	EA	0	0	0	
Utilities	EA	0	0	0	N/A
Environmental	EA	0	0	0	N/A
Structures	EA	0	0	0	
Signing & Pavement Marking	EA	1	3	3	PM Design meeting (prep and meeting)
Signalization	EA	0	0	0	
Lighting	EA	0	0	0	
Landscape Architecture	EA	0	0	0	
Survey	EA	0	0	0	

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
	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	0	0	0	
	Phase Reviews	EA	0	0	0	Included in original trail scope and fee
	Field Reviews	EA	0	0	0	Included in original trail scope and fee
Total Project Manager Meetings			4		12	Total PM Meeting Hours carries to Task 3.6 above

Notes:

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

Project Activity 4: Roadway Analysis

Estimator:

The Amelia Island Trail Phase 4

437337-3-54-01

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
4.1	Typical Section Package	LS	1	0	0	N/A
4.2	Pavement Type Selection Report	LS	1	0	0	N/A
4.3	Pavement Design Package	LS	1	8	8	Research and use Nassau County Code of Ordinance and standard drawings for M&R pavement design
4.4	Cross-Slope Correction	LS	1	0	0	N/A
4.5	Horizontal /Vertical Master Design Files	LS	1	290	290	South 14th Street = 1.0 MI Middle Range Projects (Urban 3R (Major safety, earthwork, ADA improvements, and utility involvement). Staff Hour Middle Range 250-330 hours up to first mile. Effort includes median access management horizontal and vertical geometry design for 1.0 MI and Milling and Resurfacing. Staff Hour Range 250-330 hours up to first mile: 290 hrs
4.6	Access Management	LS	1	0	0	N/A
4.7	Roundabout Evaluation	LS	1	0	0	N/A
4.8	Roundabout Final Design Analysis	LS	1	0	0	N/A
4.9	Cross Section Design Files	LS	1	120	120	Effort to Design Cross Sections 80-220 hours is typical for Lower Range Projects XS every 50 feet for 1.0 miles = 105 cross sections. 120 hrs/mi x 1.0 mi = 120 hrs
4.10	Temporary Traffic Control Plan Analysis	LS	1	40	40	Level II TTCP. Effort includes all analysis necessary to develop a TTCP concept, to determine lane configurations, lane closure analysis, detour usage, diversions usage, and lane shift usage: 40-160 hours is typical. Use 40 hours

Project Activity 4: Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.11	Master TTCP Design Files	LS	1	75	75	Effort to develop master TTCP files showing each phase of the TTCP, includes all work necessary for designing lane configurations, diversions, lane shifts, S&PM, and temporary traffic control devices. 32-48 hours per mainline mile per phase is typical 3 phases at 25 hours per phase x 1.0 miles = 75 hrs
4.12a	Selective Clearing and Grubbing of Existing VegetationField Assessment	LS	1	0	0	N/A
4.12b	Selective Clearing and Grubbing Site Inventory of Existing Vegetation and Cross-Discipline Coordination (OPTIONAL SERVICES)	LS	1	0	0	N/A
4.12c	Selective Clearing and Grubbing- Existing Vegetation Maintenance Report	LS	1	0	0	N/A
4.13	Tree Disposition Plan	LS	1	0	0	
4.14	Design Variations and Exceptions	LS	1	0	0	N/A
4.15	Design Report	LS	1	260	260	Effort to prepare Safety Report and Traffic Memo to identify access management safety improvements on S 14th Street for 1 mile. This will provide operational improvement recommendations and LOS auxiliary lane length based on projected growth. <u>Safety Report</u> includes historical 5-year crash analysis using signal 4 Analytics and possible safety improvements based on Crash Modification Factors (CMF). <u>Traffic Memo</u> includes level of service (LOS) and queue analysis with existing year, opening year, design year, and growth rate calculations. Safety Report 160 hrs + Traffic Memo 100 hrs = 260 hrs
4.16	Quantities	LS	1	40	40	Effort to prepare median design quantities: 20 hrs to set up CADD files and create quantities for 60% Plans and 10 hrs to revise for 2 additional submittals = 20 hrs + 10 hr x 2 submittals = 20 hrs + 20 hrs = 40 hrs
4.17	Cost Estimate	LS	1	20	20	Effort to prepare construction cost estimates for trail construction items: For initial setup to add additional quantities to trail cost estimate 8 hours + 2 updates at 6 hours each. = 8 + (2 x 6) = 8 + 12 = 20 hours
4.18	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	N/A
4.19	Other Roadway Analyses	LS	1	0	0	N/A
Roadway Analysis Technical Subtotal					853	

Project Activity 4: Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.20	Field Reviews	LS	1	0	0	Included in original trail scope and fee
4.21	Monitor Existing Structures	LS	1	0	0	
4.22	Technical Meetings	LS	1	0	9	Meetings are listed below
4.23	Quality Assurance/Quality Control	LS	%	5%	43	
4.24	Independent Peer Review	LS	%	0%	0	
4.25	Supervision	LS	%	5%	43	
Roadway Analysis Nontechnical Subtotal					95	
4.26	Coordination	LS	%	3%	28	
4. Roadway Analysis Total					948	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Typical Section	EA	0	0	0			0
Pavement	EA	0	0	0			0
Access Management	EA	1	3	3	Access Management meeting (prep. and meeting)	yes	1
15% Line and Grade	EA	0	0	0			0
Driveways	EA	0	0	0			0
Local Governments (cities, counties, MPO)	EA	1	3	3	City of Fernandina Beach Coordination (prep. and meeting)	yes	1
Work Zone Traffic Control	EA	0	0	0			0
30/60/90/100% Comment Review Meetings	EA	0	0	0			
Other Meetings	EA	1	3	3	Engineering Report (Prep. and Meeting)	yes	1
Subtotal Technical Meetings				9	Subtotal Project Manager Meetings		3
Progress Meetings (if required by FDOT)	EA	0	0	0	<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>		--
Phase Review Meetings	EA	0	0	0	<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>		--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		3

Carries to 4.22

Carries to Tab 3

Project Activity 5: Roadway Plans

Estimator:

The Amelia Island Trail Phase 4
437337-3-54-01

Representing		Print Name	Signature / Date
FDOT District			
Consultant Name			

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet		Sheet	0	0	0	Included in original trail scope and fee
5.2	Typical Section Sheets						
5.2.1	Typical Sections		EA	1	12	12	Effort includes 6 hrs per Typical Section; 2 unique typicals S 14th Street median modifications (Widening with Curb and Gutter / Widening with Traffic Separator) = 6 hrs x 2 typicals = 12 hrs
5.2.2	Typical Section Details		EA	0	0	0	N/A
5.3	General Notes/Pay Item Notes		Sheet	1	2	2	Effort includes adding median improvement notes to general notes sheet: Range = 8-24 hrs. 2 hrs.
5.4	Project Layout		Sheet	0	0	0	N/A
5.5	Plan/Profile Sheet		Sheet	0	0	0	N/A
5.6	Profile Sheet		Sheet	0	0	0	N/A
5.7	Plan Sheet		Sheet	0	0	0	Effort included in original trail scope and fee
5.8	Special Profile		Sheet	0	0	0	
5.9	Back-of-Sidewalk Profile Sheet		Sheet	0	0	0	N/A
5.10	Interchange Layout Sheet		Sheet	0	0	0	N/A
5.11	Ramp Terminal Details (Plan View)		Sheet	0	0	0	N/A
5.12	Intersection Layout Details		Sheet	0	0	0	N/A
5.13	Special Details	40	EA	5	8	40	Effort to create special control point grading geometry details for intersection. Assume 5 major intersections with median modification special grading details x 8 hrs/detail = 40 hrs
5.14	Cross-Section Pattern Sheets		Sheet	0	0	0	N/A

Project Activity 5: Roadway Plans

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.15	Roadway Soil Survey Sheets		Sheet	0	0	0	N/A
5.16	Cross Sections		EA	106	0.2	21	Effort to create median modification cross sections with trail. Additional sheets required to fit entire roadway and trail. Reduce per hour to 0.2 hr/XS @ 1 mile: Range 0.25-0.5 each: Total project length = 5,280 ft / 50 ft = 106 XS.
5.17	Temporary Traffic Control Plan Sheets	40	Sheet	9	2	18	Effort to create Temporary Traffic Control Plan Sheets: S. 14th Street phases Plan (3 phases) 2 hours hrs/sheet x 9 sheets (3 sheets x 3 phases) = 18 hrs
5.18	Temporary Traffic Control Cross Section Sheets		EA	0	0	0	N/A
5.19	Temporary Traffic Control Detail Sheets		Sheet	0	0	0	N/A
5.20	Utility Adjustment Sheets		Sheet	10	2	20	Effort to provide median improvement utility designations to the trail plan sheets: Range = 3-10 hrs/sheet: 3 mi = 5,280 ft / 560 ft/sheet = 10 sheet x 2 hrs = 20 hrs (Utility labeling to be shown on roadway plans.)
5.21	Selective Clearing and Grubbing Sheets						
5.21.1	Selective Clearing and Grubbing		Sheet	0	0	0	N/A
5.21.2	Selective Clearing and Grubbing Details		Sheet	0	0	0	N/A
5.22	Tree Disposition Sheets						
5.22.1	Tree Disposition Plan Sheets		Sheet	0	0	0	N/A
5.22.2	Tree Disposition Plan Tables and Schedules		Sheet	0	0	0	N/A
5.23	Project Control Sheets		Sheet	0	0	0	Effort in included in orginal trail scope and fee
5.24	Environmental Detail Sheets		Sheet	0	0	0	N/A
5.25	Utility Verification Sheets (SUE Data)		Sheet	0	0	0	N/A
Roadway Plans Technical Subtotal						113	
5.26	Quality Assurance/Quality Control		LS	%	5%	6	
5.27	Supervision		LS	%	5%	6	
5. Roadway Plans Total						125	

Project Activity 6a: Drainage Analysis

Estimator:

The Amelia Island Trail Phase 4
437337-3-54-01

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	0	0	0	Effort included in the original trail scope and fee
6a.2	Base Clearance Calculations	Per Location	0	0	0	N/A
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	N/A
6a.4	Design of Cross Drains	EA	0	0	0	Effort included in the original trail scope and fee
6a.5	Design of Ditches	Per Ditch Mile	0	0	0	Effort included in the original trail scope and fee
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	N/A
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	0	0	0	N/A
6a.8	Design of Floodplain Compensation	Per Floodplain Basin	0	0	0	N/A
6a.9	Design of Storm Drains	EA	0	0	0	Assumes no median structures
6a.10	Optional Culvert Material	EA	0	0	0	N/A, assume utilize Nassau County preferred pipe materials
6a.11	French Drain Systems	Per Cell	0	0	0	N/A

Project Activity 6a: Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.11.1	Existing French Drain Systems	Per Cell	0	0	0	N/A
6a.12	Drainage Wells	EA	0	0	0	N/A
6a.13	Drainage Design Documentation Report	LS	0	0	0	Effort included in the original trail scope and fee
6a.14	Bridge Hydraulic Report	EA	0	0	0	N/A
6a.15	Temporary Drainage Analysis	LS	1	0	0	Effort included in the original trail scope and fee
6a.16	Quantities	LS	1	0	0	N/A
6a.17	Cost Estimate	LS	1	0	0	N/A
6a.18	Technical Special Provisions / Modified Special Provisions	LS	1	0	0	N/A
6a.19	Hydroplaning Analysis	LS	1	0	0	N/A
6a.20	Existing Permit Analysis	LS	1	0	0	Effort included in the original trail scope and fee
6a.21	Other Drainage Analysis	LS	1	0	0	N/A
6a.22	Noise Barrier Evaluation	LS	1	0	0	N/A
Drainage Analysis Technical Subtotal					0	
6a.23	Field Reviews	LS	1	0	0	Effort included in the original trail scope and fee
6a.24	Technical Meetings	LS	1	0	0	Meetings are listed below
6a.25	Environmental Look-Around (ELA) Meeting	LS	1	0	0	
6a.26	Quality Assurance/Quality Control	LS	%	5%	0	
6a.27	Independent Peer Review	LS	%	0%	0	
6a.28	Supervision	LS	%	5%	0	
Drainage Analysis Nontechnical Subtotal					0	
6a.29	Coordination	LS	%	3%	0	
6a. Drainage Analysis Total					0	

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

Project Activity 6a: Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments		
	Agency	EA	0	0	0			0
	Local Governments (cities, counties)	EA	0	0	0			0
	FDOT Drainage	EA	0	0	0			0
	Other Meetings	EA	0	0	0			0
	Subtotal Technical Meetings				0			0
	Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		--
	Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
	Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to 6a.24

Carries to Tab 3

6b. Drainage Plans

Estimator:

The Amelia Island Trail Phase 4

437337-3-54-01

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
6b.1	Drainage Map (Including Interchanges)		Sheet	0	0	0	Effort included in original trail scope and fee
6b.2	Bridge Hydraulics Recommendation Sheets		Sheet	0	0	0	N/A
6b.3	Drainage Structures		LS	1	0	0	N/A
6b.4	Lateral Ditch Plan/Profile		Sheet	0	0	0	N/A
6b.5	Lateral Ditch Cross Sections		EA	0	0	0	N/A
6b.6	Retention/Detention Ponds Detail Sheets		Sheet	0	0	0	N/A
6b.7	Retention Pond Cross Sections		EA	0	0	0	N/A
6b.8	Erosion Control Plan Sheets		Sheet	0	0	0	Effort included in original trail scope and fee
6b.9	SWPPP Sheets		Sheet	0	0	0	Effort included in original trail scope and fee
Drainage Plans Technical Subtotal						0	
6b.10	Quality Assurance/Quality Control		LS	%	5%	0	
6b.11	Supervision		LS	%	5%	0	
6. Drainage Plans Total						0	

Project Activity 7: Utilities

Estimator:

The Amelia Island Trail Phase 4
437337-3-54-01

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
7.1	Utility Kickoff Meeting	LS	1	0	0	Meeting is listed below
7.2	Identify Existing Utility Agency Owner(s)	LS	1	0	0	Effort included in original trail scope and fee
7.3	Make Utility Contacts	LS	1	0	0	Effort included in original trail scope and fee
7.4	Exception Processing	LS	1	0	0	N/A
7.5	Preliminary Utility Meeting	LS	1	0	0	Meeting is listed below
7.6	Individual/Field Meetings	LS	1	0	0	Meetings are listed below
7.7	Collect and Review Plans and Data from UAO(s)	LS	1	0	0	Effort included in original trail scope and fee
7.8	Subordination of Easements Coordination	LS	1	0	0	N/A
7.9	Utility Design Meeting	LS	1	0	0	Meeting is listed below
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	1	4	4	Collect and review of UWS's due to median modifications = 0.5 hours per UAO x 7 UAOs = 4 hrs.
7.11	Utility Coordination/Followup	LS	1	4	4	Range 2 to 24 hrs per UAO to coordinate due to median modifications. 0.5 hours per UAO x 7 UAOs = 4 hrs
7.12	Utility Constructability Review	LS	1	0	0	N/A
7.13	Additional Utility Services	LS	1	0	0	N/A
7.14	Processing Utility Work by Highway Contractor (UWHC)	LS	1	0	0	N/A
7.15	Contract Plans to UAO(s)	LS	1	0	0	N/A
7.16	Certification/Close-Out	LS	1	0	0	N/A
7.17	Other Utilities	LS	1	0	0	Effort included in original trail scope and fee

Project Activity 7: Utilities

7. Utilities Total				8			
Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff (see 7.1)	EA	0	0	0			0
Preliminary Meeting (see 7.5)	EA	0	0	0			0
Individual UAO Meetings (see 7.6)	EA	0	0	0	Effort included in original trail scope and fee		
Field Meetings (see 7.6)	EA	0	0	0			0
Design Meeting (see 7.9)	EA	0	0	0			0
Other Meetings (<i>this is automatically added into Utilities Total (cell F27)</i>)	EA	0	0	0			0
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to Tab 3

Project Activity 19: Signing and Pavement Marking Analysis

Estimator:

The Amelia Island Trail Phase 4

437337-3-54-01

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
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	135	135	Effort for signing and pavement marking for roadway resurfacing of 1 mile on S 14th Street (includes gore striping design at modified median intersections): Middle Range (Urban 3R with major safety modifications) Typically = 45 hour for setup and 90 hrs/ mile = 45 hrs + (90 hrs/mi x 1 mi) = 135 hrs
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	Quantities	LS	1	25	25	25 hrs to estimate quantities
19.8	Cost Estimate	LS	1	14	14	1 Estimate at 6 hours. 2 updates at 4 hours each. = 6 hrs. + 8 hrs = 14 hrs
19.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	N/A
19.10	Other Signing and Pavement Marking	LS	1	0	0	N/A
Signing and Pavement Marking Analysis Technical Subtotal					174	
19.11	Field Reviews	LS	1	0	0	Included in original scope and fee
19.12	Technical Meetings	LS	1	3	3	
19.13	Quality Assurance/Quality Control	LS	%	5%	9	Meetings are listed below
19.14	Independent Peer Review	LS	%	0%	0	N/A
19.15	Supervision	LS	%	5%	9	
Signing and Pavement Marking Analysis Nontechnical Subtotal					21	
19.16	Coordination	LS	%	3%	6	
19. Signing and Pavement Marking Analysis Total					201	

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	1	3	3	S&PM design meeting (prep. and meeting)	yes	1
Subtotal Technical Meetings					3	Subtotal Project Manager Meetings		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					3	Total Project Manager Meetings (carries to Tab 3)		1

Carries to 19.12

Carries to Tab 3

Project Activity 20: Signing and Pavement Marking Plans

Estimator:

The Amelia Island Trail Phase 4

437337-3-54-01

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet		Sheet	0	0	0	0	
20.2	General Notes/Pay Item Notes		Sheet	0	0	0	0	
20.3	Project Layout		Sheet	0	0	0	0	
20.4	Plan Sheet	40	Sheet	10	4	10	40	Effort to create S&PM plan sheets for 1 mile on S. 14th Street: Range 2-6 hours per sheet. 1 miles at 5280 ft / 560 ft per sheet = 10 sheets 4 hrs x 10 sheet = 40 hrs
20.5	Typical Details		EA	0	0		0	
20.6	Guide Sign Worksheets		EA	0	0		0	
20.7	Traffic Monitoring Site		EA	0	0		0	
20.8	Cross Sections		EA	0	0		0	
20.9	Special Service Point Details		EA	0	0		0	
20.10	Special Details		LS	1	0		0	
20.11	Interim Standards		LS	1	0		0	
Signing and Pavement Marking Plans Technical Subtotal						10	40	
20.12	Quality Assurance/Quality Control		LS	%	5%		2	
20.13	Supervision		LS	%	5%		2	
20. Signing and Pavement Marking Plans Total						10	44	