

## COUNCIL AGENDA STATEMENT



Meeting Date: October 14, 2025

To: Honorable Mayor and City Council

From: Carlos A. Solis, P.E., Director of Engineering

Through: George Garrett, City Manager

Agenda Item: **Resolution 2025-99**, Approving A Second Amendment To The Professional Service Agreements Between The City And Stantec Consulting Services, Inc., For Professional Engineering Services For The Required Historic Preservation Work Resulting From Full Replacement of the 117<sup>th</sup> Street and 116<sup>th</sup> Street Bridge Contract, and the 112<sup>th</sup> Street Bridges Contract In An Amount Not To Exceed \$14,100.32 Per Bridge For A Total Cost Increase of \$42,300.96; Authorizing The City Manager To Execute The Contract And Expend Funds On Behalf Of The City; And Providing For An Effective Date.

### BACKGROUND & JUSTIFICATION:

FDOT as part of their plan review, has required a full replacement of all three bridges instead of the Decking Replacement initially programmed. The full replacement requires an analysis of Historic Preservation and Archaeological features. We have been in negotiations with our consultant and FDOT for several weeks in an attempt to reduce the scope of work and subsequently the fees required. The initial scope and fee submitted was in the vicinity of \$75,000 per bridge for a total cost of approximately \$225,000 for all bridges. Obviously from our perspective, these fees are exuberantly high, and we engaged in intense negotiations with both our consultant and FDOT. We finally got it to a point where FDOT would accept the revised scope and the fees are reduced to \$14,100.32 per bridge for a total cost of \$42,300.96

### CONSISTENCY CHECKLIST:

|                         | Yes   | No    |
|-------------------------|-------|-------|
| 1. Comprehensive Plan   | _____ | _____ |
| 2. Other _____          | _____ | _____ |
| 3. Not applicable _____ |       |       |

### FISCAL NOTE:

Appropriations for the bridge projects are included in the adopted FY26 Capital Infrastructure Fund Budget.

RECOMMENDATION: Approval of Resolution

**CITY OF MARATHON, FLORIDA  
RESOLUTION 2025-99**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, APPROVING AN AMENDMENT BY CHANGE ORDER TO THE PROFESSIONAL SERVICE AGREEMENTS BETWEEN THE CITY AND STANTEC CONSULTING SERVICES, INC., FOR PROFESSIONAL ENGINEERING SERVICES FOR THE DESIGN OF THE FULL REPLACEMENT OF THE 117<sup>TH</sup> STREET AND 116<sup>TH</sup> STREET BRIDGE CONTRACT, AND THE 112<sup>TH</sup> STREET BRIDGES CONTRACT IN AN AMOUNT NOT TO EXCEED \$14,100.32,000 PER BRIDGE FOR A TOTAL COST INCREASE OF \$42,300.96; AUTHORIZING THE CITY MANAGER TO EXECUTE THE CONTRACT AND EXPEND FUNDS ON BEHALF OF THE CITY; AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, the City of Marathon (the “City”) wishes to amend by change order the Contracts for Professional Engineering Services for the design of the decking replacement of 117<sup>th</sup>, 116<sup>th</sup> and 112<sup>th</sup> Street Bridges with Stantec Consulting Services Inc. (the “Contractor”) to engineer and design full bridge replacement; and

**WHEREAS**, during the 30% plan review with FDOT, FDOT determined that full bridge replacement would be required. As part of our LAP agreement with FDOT for this project, they agreed to fund the additional construction cost, which increased the cost from approximately \$850,000 per bridge to \$1.7 million per bridge; and

**WHEREAS**, the full replacement triggered a review process of the Historical Preservation review process requiring additional work for documentation of existing features, justification of impacts, as required for projects receiving federal funding. This revision encompasses two contracts with our consultant, one for the 117<sup>th</sup> Steet and 116<sup>th</sup> Street bridges, and another contract for the 112<sup>th</sup> Street bridge for a total cost of \$72,000.01.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THAT:**

**Section 1.** The above recitals are true and correct and incorporated herein.

**Section 2.** The Amendment to the Contract between the City and the Consultant for the design services of the Project in an amount not to exceed \$42,300.96, a copy of which is attached as Exhibit “A,” together with such non-material changes as may be acceptable to the City Manager and approved as to form by the City Attorney, is hereby approved. The City Manager is authorized to execute the Contract and expend budgeted funds on behalf of the City.

**Section 3.** This resolution shall take effect immediately upon its adoption.

**PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF  
MARATHON, FLORIDA, THIS 14<sup>th</sup> DAY OF OCTOBER, 2025.**

**THE CITY OF MARATHON, FLORIDA**

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**Mayor Lynn Landry**

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

**ATTEST:**

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Diane Clavier, City Clerk

(City Seal)

**APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE USE  
AND RELIANCE OF THE CITY OF MARATHON, FLORIDA ONLY:**

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Steve Williams, City Attorney

## CHANGE ORDER

### CHANGE ORDER NO. 2

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**TO: City of Marathon**

**PROJECT: Engineering services for replacement of 112<sup>th</sup> St bridge  
replacement**

**CONTRACTOR: Stantec Consulting Services, Inc**

**DATE: October 3rd, 2025**

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This Change Order constitutes full, final, and complete compensation to the Contractor for all costs, expenses, overhead, and profit, and any damages, and/or time adjustments of every kind that the Contractor may incur in connection with the above referenced changes in the Work, and any other effect on any of the Work under the Agreement. The Contractor acknowledges and agrees that (a) the Contract Price of \$103,435.48 under the Agreement will be **changed** by this Change Order, and (b) the schedule for performance of Work will be **changed** by this Change Order. Contractor expressly waives any claims for any additional compensation, damages, or time extensions in connection with the above-referenced changes and additional services provided for this change. Except as herein or heretofore expressly modified, all terms of the Agreement shall remain in full force and effect and shall cover the performance of, and payment for, any work authorized hereunder. Any defined terms not defined in this Change Order shall have the meanings set forth in the Agreement.

By signing below the parties indicate acceptance of this Change Order as set forth herein.

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CITY OF MARATHON  
A Florida municipal corporation

Stantec Consulting Services, Inc

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: George Garrett

Name: \_\_\_\_\_

Title: City Manager

Title: \_\_\_\_\_

Exhibit "A"

CHANGE ORDER SUMMARY

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This Change Order is necessary to cover changes in the Work to be performed under this Agreement. Except as may be modified herein all of the provisions of the Agreement apply to and govern all Work under this Change Order.

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THE FOLLOWING CHANGES ARE MADE TO THE AGREEMENT DOCUMENTS:

|     |                                                             |                      |
|-----|-------------------------------------------------------------|----------------------|
| (1) | Original Contract Price                                     | <u>\$ 103,435.48</u> |
| (2) | Current Contract Price (Adjusted by Previous Change Orders) | <u>\$ 127,436.48</u> |
| (3) | Total Proposed Change in Contract Price                     | <u>\$ 14,100.32</u>  |
| (4) | New Contract Price (Item 2 + Item 3)                        | <u>\$ 141536.80</u>  |

| Item No.     | Description | Current Contract Amount | Additive Change    | Deductive Change | Net Change Contract Price |
|--------------|-------------|-------------------------|--------------------|------------------|---------------------------|
| 1.           | CO #1       | \$103,435.48            | \$24,000.00        | \$0.00           | \$24,001.00               |
| 2.           | CO#2        | \$127,436.48            | \$14,100.32        | \$0.00           | \$14,100.32               |
| <b>Total</b> |             | <b>\$127,436.48</b>     | <b>\$24,000.00</b> | <b>\$0.00</b>    | <b>\$38,101.32</b>        |

## Exhibit "B"

Scope of work has changed to a provide services for the required Historic Preservation analysis, report and permitting resulting from the full bridge replacement instead of just the decking replacement as required by FDOT. The work is required for all Federally funded projects.

## ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: 112th St Bridge Replacement Design  
 County: Monroe  
 FPN: 449645-1-38-01  
 FAP No.: 1/0/1900

Consultant Name: Stantec  
 Consultant No.: enter consultants proj. number  
 Date: 10/3/2025  
 Estimator: insert name

| Staff Classification                            | Total Staff Hours From "SH Summary - Firm" | Principal Engineer | Project Manager 3 | Chief Engineer 2 | Chief Engineer 1 | Senior Engineer 1 | Engineer 1 | Engineering Intern | Chief Designer | Senior Scientist | Senior Env Specialist | Scientist  | Secretary/ Clerical | SH By Activity | Salary Cost By Activity | Average Rate Per Task |
|-------------------------------------------------|--------------------------------------------|--------------------|-------------------|------------------|------------------|-------------------|------------|--------------------|----------------|------------------|-----------------------|------------|---------------------|----------------|-------------------------|-----------------------|
| 3. Project Common and Project General Tasks     | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 4. Roadway Analysis                             | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 5. Roadway Plans                                | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 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                     |                       |
| 6c. Selective C&G                               | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 7. Utilities                                    | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 8. Environmental Permits, and Env. Clearances   | 107                                        | 0                  | 5                 | 0                | 2                | 0                 | 0          | 0                  | 0              | 21               | 39                    | 39         | 1                   | 107            | \$4,726                 | \$44.17               |
| 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         | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 20. Signing & Pavement Marking Plans            | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 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                     |                       |
| <b>Total Staff Hours</b>                        | 107                                        | 0                  | 5                 | 0                | 2                | 0                 | 0          | 0                  | 0              | 21               | 39                    | 39         | 1                   | 107            |                         |                       |
| <b>Total Staff Cost</b>                         |                                            | \$0.00             | \$323.45          | \$0.00           | \$164.88         | \$0.00            | \$0.00     | \$0.00             | \$0.00         | \$1,388.31       | \$1,547.52            | \$1,269.06 | \$32.50             |                | <b>\$4,725.72</b>       | <b>\$44.17</b>        |

Check = \$4,725.72

Survey Field Days by Subconsultant  
 4 - Person Crew:

Notes:

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

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

|                                       |   |                      |      |       |                    |
|---------------------------------------|---|----------------------|------|-------|--------------------|
| <b>SALARY RELATED COSTS:</b>          |   |                      |      |       | \$4,725.72         |
| OVERHEAD:                             |   | 159%                 |      |       | \$7,536.58         |
| OPERATING MARGIN:                     |   | 24%                  |      |       | \$1,134.17         |
| FCCM (Facilities Capital Cost Money): |   | 0.40%                |      |       | \$19.09            |
| EXPENSES:                             |   | 14.49%               |      |       | \$684.76           |
| Survey (Field - if by Prime)          | 0 | 4-person crew days @ | \$ - | / day | \$0.00             |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |   |                      |      |       | <b>\$14,100.32</b> |
| Subconsultant: Sub 1                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 2                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 3                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 4                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 5                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 6                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 7                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 8                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 9                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 10                 |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 11                 |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 12                 |   |                      |      |       | \$0.00             |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |   |                      |      |       | <b>\$14,100.32</b> |
| Geotechnical Field and Lab Testing    |   |                      |      |       | \$0.00             |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |   |                      |      |       | <b>\$14,100.32</b> |
| Optional Services                     |   |                      |      |       | \$0.00             |
| <b>GRAND TOTAL ESTIMATED FEE:</b>     |   |                      |      |       | <b>\$14,100.32</b> |

**Project Activity 8: Environmental Permits**

Estimator:

112th St Bridge Replacement Design  
449645-1-38-01

| 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                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental Permits and Environmental Clearances</b>             |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.1                                                                   | Preliminary Project Research                                                                                                                    | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Permits</b>                                                        |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.2                                                                   | <b>Field Work</b>                                                                                                                               |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                   | <b>Complete And Submit All Required Permit Applications</b>                                                                                     |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.4.1                                                                 | Complete and Submit All Required Wetland Permit Applications                                                                                    | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                   | <b>Complete and Submit Documentation for Coordination and/or USCG Bridge Permit Application</b>                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.12                                                                  | Regulatory Agency Support                                                                                                                       | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.13                                                                  | Other Environmental Permits                                                                                                                     | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Environmental Clearances, Reevaluations, and Technical Support</b> |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14                                                                  | <b>Technical support to the Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)</b> |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                | Section 4(f), 6(f), and ARC                                                                                                                     | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.4                                                                | Wetland Impact Analysis                                                                                                                         | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.5                                                                | Essential Fish Habitat Impact Analysis                                                                                                          | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.6                                                                | Protected Species and Habitat Impact Analysis                                                                                                   | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15                                                                  | <b>Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)</b>      |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15.1                                                                | NEPA or SEIR Reevaluation                                                                                                                       | LS            | 1            |              | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15.2                                                                | Archaeological and Historical Resources                                                                                                         |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                       | Research Design and Survey Methodology                                                                                                          | LS            | 1            | 7            | 7           | The CRAS scope of work is to record 1 building that has become historic since the 2018 survey, prepare a Resource Group form for the canal and the district, and consider effects for 15 previously recorded resources. This will include a discussion of contributing resources/elements to this Historic District that will be established as part of the CRAS. Resources recorded in 2018 do not require updating. |



**Project Activity 8: Environmental Permits**

| Task No.                                                                                   | Task                                                 | Units | No. of Units | Hours/ Units | Total Hours | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------|------------------------------------------------------|-------|--------------|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                            | Cultural Resources Assessment Survey                 | LS    | 1            | 38           | 38          | 1. Historic Resources Fieldwork assumed to occur in one effort with one report.<br>2. CRAS Report: Update introductory material, incorporate background research from research design into proper format; develop context, methods, results, references, etc. as required by Chapter 1A-46, FAC; prepare maps, FMSF, survey log, prepare draft report, revise per comments and prepare final report; prepare transmittal letter and SHPO/DHR submittal (includes CD with electronic files, photographs, GIS shapefiles, hard copies of report, hard copies of survey log) |
|                                                                                            | CRAS Addendum or Technical Memorandum for Pond Sites | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Determinations of Eligibility As Required            | LS    | 1            | 10           | 10          | DOE for District                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                            | Case Study Report                                    | LS    | 1            | 20           | 20          | Effects to Significant Resources Case Study Report + Additional coordination required for historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Memorandum of Agreement                              | LS    | 1            | 7            | 7           | Required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Section 106 Consultation Meetings                    | LS    | 1            | 8            | 8           | Required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Native American Coordination Meeting                 | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Section 106 Public Involvement                       | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Florida Master Site File Form                        | LS    | 1            | 4            | 4           | Estimated 1 building and 2 resource group forms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8.15.3                                                                                     | Section 4(f), 6(f), and ARC                          | LS    | 1            | 8            | 8           | Evaluation of Historic Resources required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8.15.4                                                                                     | Wetland Impact Analysis                              | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.15.5                                                                                     | Essential Fish Habitat Impact Analysis               | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.15.6                                                                                     | Protected Species and Habitat Impact Analysis        | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | <b>Contamination Analysis</b>                        |       |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.16                                                                                       | Contamination Impact Analysis                        | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.17                                                                                       | Asbestos Survey                                      | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal</b> |                                                      |       |              |              | <b>102</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.18                                                                                       | Technical Meetings                                   | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.19                                                                                       | Quality Assurance/Quality Control                    | LS    | %            | 5%           | 5           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.20                                                                                       | Supervision                                          | LS    | %            | 0%           | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Environmental Permits and Environmental Clearances Nontechnical Subtotal</b>            |                                                      |       |              |              | <b>5</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.21                                                                                       | Coordination                                         | LS    | %            | 0%           | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>8. Environmental Permits and Environmental Clearances Total</b>                         |                                                      |       |              |              | <b>107</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Technical Meetings                      | Units | No of Units | Hours/ Unit | Total Hours | Comments                                                                     | PM Attendance at Meeting Required?       | Number   |
|-----------------------------------------|-------|-------------|-------------|-------------|------------------------------------------------------------------------------|------------------------------------------|----------|
| WMD                                     | EA    | 0           | 0           | 0           |                                                                              |                                          | 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    | 0           | 0           | 0           |                                                                              |                                          | 0        |
| Other Meetings                          | EA    | 0           | 0           | 0           |                                                                              |                                          | 0        |
| <b>Subtotal Technical Meetings</b>      |       |             |             | <b>0</b>    |                                                                              | <b>Subtotal Project Manager Meetings</b> | <b>0</b> |
| 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 |                                          | --       |
| <b>Total Meetings</b>                   |       |             |             | <b>0</b>    | <b>Total Project Manager Meetings (carries to Tab 3)</b>                     |                                          | <b>0</b> |

Carries to 8.18

Carries to Tab 3

## CHANGE ORDER

### CHANGE ORDER NO. 2

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**TO: City of Marathon**

**PROJECT: Engineering services for replacement of 117/116<sup>th</sup> bridge  
replacement**

**CONTRACTOR: Stantec Consulting Services, Inc**

**DATE: October 3, 2025**

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This Change Order constitutes full, final, and complete compensation to the Contractor for all costs, expenses, overhead, and profit, and any damages, and/or time adjustments of every kind that the Contractor may incur in connection with the above referenced changes in the Work, and any other effect on any of the Work under the Agreement. The Contractor acknowledges and agrees that (a) the Contract Price of \$256,355.60 under the Agreement will be **changed** by this Change Order, and (b) the schedule for performance of Work will be **changed** by this Change Order. Contractor expressly waives any claims for any additional compensation, damages, or time extensions in connection with the above-referenced changes and additional services provided for this change. Except as herein or heretofore expressly modified, all terms of the Agreement shall remain in full force and effect and shall cover the performance of, and payment for, any work authorized hereunder. Any defined terms not defined in this Change Order shall have the meanings set forth in the Agreement.

By signing below the parties indicate acceptance of this Change Order as set forth herein.

---

CITY OF MARATHON  
A Florida municipal corporation

Stantec Consulting Services, Inc

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: George Garrett

Name: \_\_\_\_\_

Title: City Manager

Title: \_\_\_\_\_

Exhibit "A"

CHANGE ORDER SUMMARY

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This Change Order is necessary to cover changes in the Work to be performed under this Agreement. Except as may be modified herein all of the provisions of the Agreement apply to and govern all Work under this Change Order.

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THE FOLLOWING CHANGES ARE MADE TO THE AGREEMENT DOCUMENTS:

|     |                                                             |                      |
|-----|-------------------------------------------------------------|----------------------|
| (1) | Original Contract Price                                     | <u>\$ 208,355.60</u> |
| (2) | Current Contract Price (Adjusted by Previous Change Orders) | <u>\$ 256,355.60</u> |
| (3) | Total Proposed Change in Contract Price                     | <u>\$ 28,200.64</u>  |
| (4) | New Contract Price (Item 2 + Item 3)                        | <u>\$ 284,556.24</u> |

| Item No.     | Description | Current Contract Amount | Additive Change    | Deductive Change | Net Change Contract Price |
|--------------|-------------|-------------------------|--------------------|------------------|---------------------------|
| 1.           | CO #1       | \$208,355.60            | \$48,000.00        | \$0.00           | \$48,000.00               |
| 2            | CO#2        | \$256,355.60            | \$28,200.64        | \$0.00           | \$28,200.64               |
| <b>Total</b> |             | <b>\$208,355.60</b>     | <b>\$48,000.00</b> | <b>\$0.00</b>    | <b>\$76,200.64</b>        |

## Exhibit "B"

Scope of work has changed to a provide services for the required Historic Preservation analysis, report and permitting resulting from the full bridge replacement instead of just the decking replacement as required by FDOT. The work is required for all Federally funded projects.

## ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: 117th St Bridge Replacement Design  
 County: Monroe  
 FPN: 448208-1-38-01  
 FAP No.: 1/0/1900

Consultant Name: Stantec  
 Consultant No.: enter consultants proj. number  
 Date: 10/3/2025  
 Estimator: insert name

| Staff Classification                            | Total Staff Hours From "SH Summary - Firm" | Principal Engineer | Project Manager 3 | Chief Engineer 2 | Chief Engineer 1 | Senior Engineer 1 | Engineer 1 | Engineering Intern | Chief Designer | Senior Scientist | Senior Env Specialist | Scientist  | Secretary/ Clerical | SH By Activity | Salary Cost By Activity | Average Rate Per Task |
|-------------------------------------------------|--------------------------------------------|--------------------|-------------------|------------------|------------------|-------------------|------------|--------------------|----------------|------------------|-----------------------|------------|---------------------|----------------|-------------------------|-----------------------|
| 3. Project Common and Project General Tasks     | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 4. Roadway Analysis                             | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 5. Roadway Plans                                | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 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                     |                       |
| 6c. Selective C&G                               | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 7. Utilities                                    | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 8. Environmental Permits, and Env. Clearances   | 107                                        | 0                  | 5                 | 0                | 2                | 0                 | 0          | 0                  | 0              | 21               | 39                    | 39         | 1                   | 107            | \$4,726                 | \$44.17               |
| 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         | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 20. Signing & Pavement Marking Plans            | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 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                     |                       |
| <b>Total Staff Hours</b>                        | 107                                        | 0                  | 5                 | 0                | 2                | 0                 | 0          | 0                  | 0              | 21               | 39                    | 39         | 1                   | 107            |                         |                       |
| <b>Total Staff Cost</b>                         |                                            | \$0.00             | \$323.45          | \$0.00           | \$164.88         | \$0.00            | \$0.00     | \$0.00             | \$0.00         | \$1,388.31       | \$1,547.52            | \$1,269.06 | \$32.50             |                | <b>\$4,725.72</b>       | <b>\$44.17</b>        |

Check = \$4,725.72

Survey Field Days by Subconsultant  
 4 - Person Crew:

Notes:

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

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

|                                       |        |                      |    |   |                    |        |
|---------------------------------------|--------|----------------------|----|---|--------------------|--------|
| SALARY RELATED COSTS:                 |        |                      |    |   | \$4,725.72         |        |
| OVERHEAD:                             |        | 159%                 |    |   | \$7,536.58         |        |
| OPERATING MARGIN:                     |        | 24%                  |    |   | \$1,134.17         |        |
| FCCM (Facilities Capital Cost Money): |        | 0.40%                |    |   | \$19.09            |        |
| EXPENSES:                             |        | 14.49%               |    |   | \$684.76           |        |
| Survey (Field - if by Prime)          | 0      | 4-person crew days @ | \$ | - | / day              | \$0.00 |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |        |                      |    |   | <b>\$14,100.32</b> |        |
| Subconsultant:                        | Sub 1  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 2  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 3  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 4  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 5  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 6  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 7  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 8  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 9  |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 10 |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 11 |                      |    |   | \$0.00             |        |
| Subconsultant:                        | Sub 12 |                      |    |   | \$0.00             |        |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |        |                      |    |   | <b>\$14,100.32</b> |        |
| Geotechnical Field and Lab Testing    |        |                      |    |   | \$0.00             |        |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |        |                      |    |   | <b>\$14,100.32</b> |        |
| Optional Services                     |        |                      |    |   | \$0.00             |        |
| <b>GRAND TOTAL ESTIMATED FEE:</b>     |        |                      |    |   | <b>\$14,100.32</b> |        |

**Project Activity 8: Environmental Permits**

Estimator:

117th St Bridge Replacement Design  
448208-1-38-01

| 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                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental Permits and Environmental Clearances</b>             |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.1                                                                   | Preliminary Project Research                                                                                                                    | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Permits</b>                                                        |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.2                                                                   | <b>Field Work</b>                                                                                                                               |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                   | <b>Complete And Submit All Required Permit Applications</b>                                                                                     |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.4.1                                                                 | Complete and Submit All Required Wetland Permit Applications                                                                                    | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                   | <b>Complete and Submit Documentation for Coordination and/or USCG Bridge Permit Application</b>                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.12                                                                  | Regulatory Agency Support                                                                                                                       | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.13                                                                  | Other Environmental Permits                                                                                                                     | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Environmental Clearances, Reevaluations, and Technical Support</b> |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14                                                                  | <b>Technical support to the Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)</b> |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                | Section 4(f), 6(f), and ARC                                                                                                                     | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.4                                                                | Wetland Impact Analysis                                                                                                                         | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.5                                                                | Essential Fish Habitat Impact Analysis                                                                                                          | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.6                                                                | Protected Species and Habitat Impact Analysis                                                                                                   | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15                                                                  | <b>Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)</b>      |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15.1                                                                | NEPA or SEIR Reevaluation                                                                                                                       | LS            | 1            |              | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15.2                                                                | Archaeological and Historical Resources                                                                                                         |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                       | Research Design and Survey Methodology                                                                                                          | LS            | 1            | 7            | 7           | The CRAS scope of work is to record 1 building that has become historic since the 2018 survey, prepare a Resource Group form for the canal and the district, and consider effects for 15 previously recorded resources. This will include a discussion of contributing resources/elements to this Historic District that will be established as part of the CRAS. Resources recorded in 2018 do not require updating. |

**Project Activity 8: Environmental Permits**

| Task No.                                                                                   | Task                                                 | Units | No. of Units | Hours/ Units | Total Hours | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------|------------------------------------------------------|-------|--------------|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                            | Cultural Resources Assessment Survey                 | LS    | 1            | 38           | 38          | 1. Historic Resources Fieldwork assumed to occur in one effort with one report.<br>2. CRAS Report: Update introductory material, incorporate background research from research design into proper format; develop context, methods, results, references, etc. as required by Chapter 1A-46, FAC; prepare maps, FMSF, survey log, prepare draft report, revise per comments and prepare final report; prepare transmittal letter and SHPO/DHR submittal (includes CD with electronic files, photographs, GIS shapefiles, hard copies of report, hard copies of survey log) |
|                                                                                            | CRAS Addendum or Technical Memorandum for Pond Sites | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Determinations of Eligibility As Required            | LS    | 1            | 10           | 10          | DOE for District                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                            | Case Study Report                                    | LS    | 1            | 20           | 20          | Effects to Significant Resources Case Study Report + Additional coordination required for historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Memorandum of Agreement                              | LS    | 1            | 7            | 7           | Required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Section 106 Consultation Meetings                    | LS    | 1            | 8            | 8           | Required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Native American Coordination Meeting                 | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Section 106 Public Involvement                       | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Florida Master Site File Form                        | LS    | 1            | 4            | 4           | Estimated 1 building and 2 resource group forms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8.15.3                                                                                     | Section 4(f), 6(f), and ARC                          | LS    | 1            | 8            | 8           | Evaluation of Historic Resources required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8.15.4                                                                                     | Wetland Impact Analysis                              | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.15.5                                                                                     | Essential Fish Habitat Impact Analysis               | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.15.6                                                                                     | Protected Species and Habitat Impact Analysis        | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | <b>Contamination Analysis</b>                        |       |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.16                                                                                       | Contamination Impact Analysis                        | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.17                                                                                       | Asbestos Survey                                      | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal</b> |                                                      |       |              |              | <b>102</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.18                                                                                       | Technical Meetings                                   | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.19                                                                                       | Quality Assurance/Quality Control                    | LS    | %            | 5%           | 5           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.20                                                                                       | Supervision                                          | LS    | %            | 0%           | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Environmental Permits and Environmental Clearances Nontechnical Subtotal</b>            |                                                      |       |              |              | <b>5</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.21                                                                                       | Coordination                                         | LS    | %            | 0%           | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>8. Environmental Permits and Environmental Clearances Total</b>                         |                                                      |       |              |              | <b>107</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Technical Meetings                      | Units | No of Units | Hours/ Unit | Total Hours | Comments                                                                     | PM Attendance at Meeting Required?       | Number   |
|-----------------------------------------|-------|-------------|-------------|-------------|------------------------------------------------------------------------------|------------------------------------------|----------|
| WMD                                     | EA    | 0           | 0           | 0           |                                                                              |                                          | 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    | 0           | 0           | 0           |                                                                              |                                          | 0        |
| Other Meetings                          | EA    | 0           | 0           | 0           |                                                                              |                                          | 0        |
| <b>Subtotal Technical Meetings</b>      |       |             |             | <b>0</b>    |                                                                              | <b>Subtotal Project Manager Meetings</b> | <b>0</b> |
| 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 |                                          | --       |
| <b>Total Meetings</b>                   |       |             |             | <b>0</b>    | <b>Total Project Manager Meetings (carries to Tab 3)</b>                     |                                          | <b>0</b> |

Carries to 8.18

Carries to Tab 3

## ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: 116th St Bridge Replacement Design  
 County: Monroe  
 FPN: 448993-1-38-01  
 FAP No.: 1/0/1900

Consultant Name: Stantec  
 Consultant No.: enter consultants proj. number  
 Date: 10/3/2025  
 Estimator: insert name

| Staff Classification                            | Total Staff Hours From "SH Summary - Firm" | Principal Engineer | Project Manager 3 | Chief Engineer 2 | Chief Engineer 1 | Senior Engineer 1 | Engineer 1 | Engineering Intern | Chief Designer | Senior Scientist | Senior Env Specialist | Scientist  | Secretary/ Clerical | SH By Activity | Salary Cost By Activity | Average Rate Per Task |
|-------------------------------------------------|--------------------------------------------|--------------------|-------------------|------------------|------------------|-------------------|------------|--------------------|----------------|------------------|-----------------------|------------|---------------------|----------------|-------------------------|-----------------------|
| 3. Project Common and Project General Tasks     | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 4. Roadway Analysis                             | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 5. Roadway Plans                                | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 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                     |                       |
| 6c. Selective C&G                               | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 7. Utilities                                    | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 8. Environmental Permits, and Env. Clearances   | 107                                        | 0                  | 5                 | 0                | 2                | 0                 | 0          | 0                  | 0              | 21               | 39                    | 39         | 1                   | 107            | \$4,726                 | \$44.17               |
| 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         | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 20. Signing & Pavement Marking Plans            | 0                                          | 0                  | 0                 | 0                | 0                | 0                 | 0          | 0                  | 0              | 0                | 0                     | 0          | 0                   | 0              | \$0                     |                       |
| 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                     |                       |
| <b>Total Staff Hours</b>                        | 107                                        | 0                  | 5                 | 0                | 2                | 0                 | 0          | 0                  | 0              | 21               | 39                    | 39         | 1                   | 107            |                         |                       |
| <b>Total Staff Cost</b>                         |                                            | \$0.00             | \$323.45          | \$0.00           | \$164.88         | \$0.00            | \$0.00     | \$0.00             | \$0.00         | \$1,388.31       | \$1,547.52            | \$1,269.06 | \$32.50             |                | <b>\$4,725.72</b>       | <b>\$44.17</b>        |

Check = \$4,725.72

Survey Field Days by Subconsultant  
 4 - Person Crew:

Notes:

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

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

|                                       |   |                      |      |       |                    |
|---------------------------------------|---|----------------------|------|-------|--------------------|
| <b>SALARY RELATED COSTS:</b>          |   |                      |      |       | \$4,725.72         |
| OVERHEAD:                             |   | 159%                 |      |       | \$7,536.58         |
| OPERATING MARGIN:                     |   | 24%                  |      |       | \$1,134.17         |
| FCCM (Facilities Capital Cost Money): |   | 0.40%                |      |       | \$19.09            |
| EXPENSES:                             |   | 14.49%               |      |       | \$684.76           |
| Survey (Field - if by Prime)          | 0 | 4-person crew days @ | \$ - | / day | \$0.00             |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |   |                      |      |       | <b>\$14,100.32</b> |
| Subconsultant: Sub 1                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 2                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 3                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 4                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 5                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 6                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 7                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 8                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 9                  |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 10                 |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 11                 |   |                      |      |       | \$0.00             |
| Subconsultant: Sub 12                 |   |                      |      |       | \$0.00             |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |   |                      |      |       | <b>\$14,100.32</b> |
| Geotechnical Field and Lab Testing    |   |                      |      |       | \$0.00             |
| <b>SUBTOTAL ESTIMATED FEE:</b>        |   |                      |      |       | <b>\$14,100.32</b> |
| Optional Services                     |   |                      |      |       | \$0.00             |
| <b>GRAND TOTAL ESTIMATED FEE:</b>     |   |                      |      |       | <b>\$14,100.32</b> |



**Project Activity 8: Environmental Permits**

Estimator:

116th St Bridge Replacement Design  
448993-1-38-01

| 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                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental Permits and Environmental Clearances</b>             |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.1                                                                   | Preliminary Project Research                                                                                                                    | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Permits</b>                                                        |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.2                                                                   | <b>Field Work</b>                                                                                                                               |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                   | <b>Complete And Submit All Required Permit Applications</b>                                                                                     |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.4.1                                                                 | Complete and Submit All Required Wetland Permit Applications                                                                                    | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                   | <b>Complete and Submit Documentation for Coordination and/or USCG Bridge Permit Application</b>                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.12                                                                  | Regulatory Agency Support                                                                                                                       | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.13                                                                  | Other Environmental Permits                                                                                                                     | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Environmental Clearances, Reevaluations, and Technical Support</b> |                                                                                                                                                 |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14                                                                  | <b>Technical support to the Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)</b> |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                                                                | Section 4(f), 6(f), and ARC                                                                                                                     | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.4                                                                | Wetland Impact Analysis                                                                                                                         | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.5                                                                | Essential Fish Habitat Impact Analysis                                                                                                          | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.14.6                                                                | Protected Species and Habitat Impact Analysis                                                                                                   | LS            | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15                                                                  | <b>Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)</b>      |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15.1                                                                | NEPA or SEIR Reevaluation                                                                                                                       | LS            | 1            |              | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8.15.2                                                                | Archaeological and Historical Resources                                                                                                         |               |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                       | Research Design and Survey Methodology                                                                                                          | LS            | 1            | 7            | 7           | The CRAS scope of work is to record 1 building that has become historic since the 2018 survey, prepare a Resource Group form for the canal and the district, and consider effects for 15 previously recorded resources. This will include a discussion of contributing resources/elements to this Historic District that will be established as part of the CRAS. Resources recorded in 2018 do not require updating. |

**Project Activity 8: Environmental Permits**

| Task No.                                                                                   | Task                                                 | Units | No. of Units | Hours/ Units | Total Hours | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------|------------------------------------------------------|-------|--------------|--------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                            | Cultural Resources Assessment Survey                 | LS    | 1            | 38           | 38          | 1. Historic Resources Fieldwork assumed to occur in one effort with one report.<br>2. CRAS Report: Update introductory material, incorporate background research from research design into proper format; develop context, methods, results, references, etc. as required by Chapter 1A-46, FAC; prepare maps, FMSF, survey log, prepare draft report, revise per comments and prepare final report; prepare transmittal letter and SHPO/DHR submittal (includes CD with electronic files, photographs, GIS shapefiles, hard copies of report, hard copies of survey log) |
|                                                                                            | CRAS Addendum or Technical Memorandum for Pond Sites | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Determinations of Eligibility As Required            | LS    | 1            | 10           | 10          | DOE for District                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                            | Case Study Report                                    | LS    | 1            | 20           | 20          | Effects to Significant Resources Case Study Report + Additional coordination required for historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Memorandum of Agreement                              | LS    | 1            | 7            | 7           | Required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Section 106 Consultation Meetings                    | LS    | 1            | 8            | 8           | Required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                            | Native American Coordination Meeting                 | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Section 106 Public Involvement                       | LS    | 1            | 0            | 0           | Not anticipated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | Florida Master Site File Form                        | LS    | 1            | 4            | 4           | Estimated 1 building and 2 resource group forms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8.15.3                                                                                     | Section 4(f), 6(f), and ARC                          | LS    | 1            | 8            | 8           | Evaluation of Historic Resources required since bridge replacement is anticipated to be viewed as an adverse effect to the historic district                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8.15.4                                                                                     | Wetland Impact Analysis                              | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.15.5                                                                                     | Essential Fish Habitat Impact Analysis               | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.15.6                                                                                     | Protected Species and Habitat Impact Analysis        | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                            | <b>Contamination Analysis</b>                        |       |              |              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.16                                                                                       | Contamination Impact Analysis                        | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.17                                                                                       | Asbestos Survey                                      | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal</b> |                                                      |       |              |              | <b>102</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.18                                                                                       | Technical Meetings                                   | LS    | 1            | 0            | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.19                                                                                       | Quality Assurance/Quality Control                    | LS    | %            | 5%           | 5           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.20                                                                                       | Supervision                                          | LS    | %            | 0%           | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Environmental Permits and Environmental Clearances Nontechnical Subtotal</b>            |                                                      |       |              |              | <b>5</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.21                                                                                       | Coordination                                         | LS    | %            | 0%           | 0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>8. Environmental Permits and Environmental Clearances Total</b>                         |                                                      |       |              |              | <b>107</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Technical Meetings                      | Units | No of Units | Hours/ Unit | Total Hours | Comments                                                                     | PM Attendance at Meeting Required?       | Number   |
|-----------------------------------------|-------|-------------|-------------|-------------|------------------------------------------------------------------------------|------------------------------------------|----------|
| WMD                                     | EA    | 0           | 0           | 0           |                                                                              |                                          | 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    | 0           | 0           | 0           |                                                                              |                                          | 0        |
| Other Meetings                          | EA    | 0           | 0           | 0           |                                                                              |                                          | 0        |
| <b>Subtotal Technical Meetings</b>      |       |             |             | <b>0</b>    |                                                                              | <b>Subtotal Project Manager Meetings</b> | <b>0</b> |
| 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 |                                          | --       |
| <b>Total Meetings</b>                   |       |             |             | <b>0</b>    | <b>Total Project Manager Meetings (carries to Tab 3)</b>                     |                                          | <b>0</b> |

Carries to 8.18

Carries to Tab 3