

# **American Engineering Consultants of Marco Island, Inc.**

573 Bald Eagle Drive  
Marco Island, Florida 34145  
239-394-1697

July 18, 2025

Mr. Justin Martin, P.E.  
Public Works Director  
50 Bald Eagle Drive  
Marco Island, FL 34145

Re: Proposal – Pre-Design Survey and Engineering Design of 5' buffered standard bike lanes on East and West side of Bald Eagle Drive from North Collier Boulevard to San Marco Road (approximately 1.3 miles).

## **This proposal provided pursuant to City Contract # 2025-009-3**

Dear Mr. Martin:

The purpose of this proposal is to express American Engineering's interest in providing surveying and civil engineering services for the City of Marco Island. The project is an FDOT LAP agreement 452209-1-58-01. The scope of services we propose to provide includes:

### **Pre-design Survey:**

Prepare a Map of Topographic Survey of the area outlined in the attached Exhibit "A". Survey to extend from Back of sidewalk to back of sidewalk along.

1. Perform a Topographic Survey of the area outlined in the attached Exhibit "A".
2. Take Elevations shots along the crown of the road at 25-foot intervals.
3. Take elevation cross sections at 25-foot intervals.
4. Collect all above ground visible features within the Survey area (trees, walks, driveways, mailboxes, signs, MH, CB, valves, etc.)
5. Collect all inlet invert information.
6. Provide Land XML Files with all survey points, 3D and Baseline database.
7. Provide the most recent available aerial photos.
8. Digitize the existing corridor Right-of-Way Maps and/or recorded Plats and the easements as depicted in the recorded Plats (perform sufficient field work to align the historical base line to the most current horizontal datum).

### **Engineering Design:**

Prepare engineering plans for the design, permitting and construction of a shared bike path along the area described in Exhibit "A".

1. Prepare Roadway Plans for a additional 5-foot buffered standard bike lane and driveway modification to the existing driveways being impacted as per Florida Department of Transportation (FDOT) and City of Marco Island requirements.
2. Prepare signage and pavement markings per Florida Department of Transportation (FDOT) and City of Marco Island requirements.
3. Prepare Drainage Plans for the modification of the exiting culvert to compensate for the additional 5-foot buffered standard bike lane as per Florida Department of Transportation (FDOT) and City of Marco Island requirements.

4. Prepare Storm Water Management Submittals as per South Florida Water Management District and City of Marco Island requirements.
5. Prepare project construction specifications.
6. Prepare Storm Water Pollution Prevention/Erosion Control Plans for the Florida Department of Environmental Protection.

Limitations: Does not include landscaping or irrigation design.

**Pre-Development Wildlife Species Survey:**

Pre-development Vegetation, Tree and Listed Wildlife Species Survey, Assessment & Report.

**SFWMD General Permit (Rule 62-330.447):**

Preparing and submittal for permit.

**Administration:**

1. Limited Assistance to the City of Marco Island during the bidding and construction phases of the project, including responding to RFIs.
2. Attending meetings with the City of Marco Island, bidders, and contractor.
3. General Administration of subconsultant contracts.

**PROPOSED FEE SCHEDULE:**

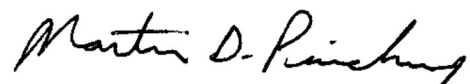
|  |                  |
|--|------------------|
| Pre-design Survey                        | \$ 85,880        |
| Engineering Design:                      | \$ 146,000       |
| Pre-Development Wildlife Species Survey: | \$ 2,200         |
| SFWMD General Permit:                    | \$ 14,000        |
| Administration                           | <u>\$ 12,000</u> |
| Total:                                   | \$ 260,080       |

Should you have any questions about this proposal, or need any additional information, please do not hesitate to contact me.

Sincerely yours,

**AMERICAN ENGINEERING CONSULTANTS  
of Marco Island, Inc.**

Certificate of Authorization #26446



Martin D. Pinckney, P.E.  
President



## PROPOSAL

July 18, 2025

**SENT VIA:** martin@aec-mi.com

### **SUBMITTED TO:**

Attn: Martin D. Pinckney, P.E.  
American Engineering Consultants of Marco Island (AEC)  
537 Bald Eagle Drive  
Marco Island, FL 34145

### **ABOUT:**

Surveying and Engineering Services for the project known as "**Bald Eagle Drive**" located along Bald Eagle Drive from San Marco Road to N Collier Boulevard, in City of Marco of Island, FL.

Dear Mr. Pinckney:

Pursuant to your request regarding a fee estimate for surveying and mapping, and engineering services for the above referenced project. **HADONNE (HC)** is pleased to submit the following proposal for your consideration:

### **SCOPE OF SERVICES AND VALUES:**

#### **TASK 1) MAP OF TOPOGRAPHIC SURVEY**

Prepare a Map of Topographic Survey of the area outlined in blue in the attached Exhibit "A". Survey to extend from back of sidewalk to back of sidewalk.

- 01)** Perform a Topographic Survey of the area outlined in the attached Exhibit "A".
- 02)** Take Elevations shots along the crown of the road at 25-foot intervals.
- 03)** Take elevations cross sections at 25-foot intervals.
- 04)** Collect all above ground visible features within the Survey area (tree, walks, driveways, mailboxes, signs, MH, CB, valves, etc.)
- 05)** Collect all inlet inverts information.
- 06)** Provide Land XML Files with all survey points, 3D and Baseline database.
- 07)** Provide the most recent available aerial photos.
- 08)** Digitize the existing corridor Right-of-Way Maps and/or recorded Plats and the easements as depicted in the recorded Plats (perform sufficient field work to align the historical base line to the most current horizontal datum).

#### **Deliverables:**

Provide up to 10 signed and sealed sets of the resulting map of survey, together with the DWG and digitally signed PDF file.

#### **Time of Completion:**

We have estimated 45 calendar days to complete the Map of Topographic Survey.

#### **Task Value:**

The professional compensation value of this task shall be a lump sum fee of **\$85,880** dollars.

#### **TASK 2) CIVIL ENGINEERING DESIGN DOCUMENTS**

Prepare engineering plans to for the design, permitting and construction of a shared bike path along the area described in Exhibit "A".

- 01)** Prepare Roadway Plans for an additional 5-foot buffered standard bike lane and driveway modification to the existing driveways being impacted as per Florida Department of Transportation (FDOT) and City of Marco Island requirements.
- 02)** Prepare signage and pavement marking per Florida Department of Transportation (FDOT) and City of Marco Island requirements.

- 03)** Prepare Drainage Plans for the modification of the existing culvert to compensate for the additional 5-foot buffered bike lane as per Florida Department of Transportation (FDOT) and City of Marco Island requirements.
- 04)** Prepare Storm Water Management Calculations as per South Florida Water Management District and City of Marco Island requirements.
- 05)** Prepare project construction specifications.
- 06)** Prepare Storm Water Pollution Prevention/Erosion Control Plans for the Florida Department of Environmental Protection.

**Deliverables:**

Provide digitally signed and sealed pdf of the design plans together with the DWG file.

**Time of Completion:**

We have estimated 90 calendar days to complete each phase of the project with an addition 30 days to respond to comments from City and State reviews for each submittal. The Submittals shall be broken down into the following Phases:

- Schematic Design – 30% Drawings
- Design Development – 60% Drawings
- Construction Documents Development – 90% Drawings

**Task Value:**

The professional compensation value of this task shall be a lump sum fee of **\$146,000** dollars.

**TASK 3) PERMITTING / DRY-RUN PROCESS**

- 07)** Work with the City to obtain approval from the South Florida Water Management Department General Permit (Rule 62-330.447).

**Deliverables:**

Provide Approved Permit package from all Agencies having jurisdiction (AHJ).

**Time of Completion:**

We have estimated 240 calendar days to obtain all permits from all agencies having jurisdiction.

**Task Value:**

The professional compensation value of this task shall be a lump sum fee of **\$14,000** dollars.

**TASK 4) BIDDING ASSISTANCE BIDDING AND CONSTRUCTION ADMINISTRATION**

- 01)** Provide Bidding Assistance – Engineer shall aid the City in a limited capacity during the bidding process.
- 02)** Requests for Information (RFIs) – The Engineer will issue clarifications and interpretations of the construction documents as reasonably requested.
- 03)** Shop Drawing Review - The Engineer will review shop drawings for the purpose of compliance approval

**Deliverables:**

Provide Construction Drawing, Specifications, and permit package to be included in bidding package. Provide responses to RFI's and review Shop Drawings as required.

**Time of Completion:**

We have estimated all responses for RFI's and Shop drawing to be answered within 7 calendar days.

**Task Value:**

The professional compensation value of this task shall be a lump sum fee of **\$10,000** dollars.



**SCHEDULE OF FEES:**

|  |             |
|--|-------------|
| 1) Upon completion of Task 1, Map of Topographic Survey                    | \$85,880.00 |
| 2) Upon Submittal of Schematic Design – 30% Drawings                       | \$48,000.00 |
| 3) Upon Submittal of Design Development – 60% Drawings                     | \$50,000.00 |
| 4) Upon Submittal of Construction Documents Development – 90% Drawings     | \$48,000.00 |
| 5) Upon Receipt of Approval from AHJ                                       | \$14,000.00 |
| 6) Bidding Assistance shall be billed monthly based on % of work completed | \$10,000.00 |
| <b>Total: \$ 255,880.00</b>  |             |

**PROJECT AREA, LENGTH, SIZE AND LOCATION:**

See attached (Exhibit "A").

By signing below, I APPROVE AND ACCEPT this letter as a legal contract and read and agree to the payment terms as set forth above.

|  |                     |
|--|---------------------|
| <b>By:</b> _____<br>(Authorized Signature) | <b>Title:</b> _____ |
| _____                                      | <b>Date:</b> _____  |
| (Typed or printed name)                    |                     |

Thank you for this opportunity to present this proposal for your consideration and look forward to your favorable response. In the interim, if there is anything, we can do to be of service in this or any other matter, please do not hesitate to call me directly at +1(305) 266-1188.

Respectfully,  
**Abraham Hadad**, PSM  
President





| Date      | Estimate # |
|-----------|------------|
| 7/11/2025 | 948        |

| Name / Address  |
|---|
| Pinckney, Martin, PE<br>Amercian Engineering Consultants<br>573 Bald Eagle Drive<br>Marco Island FL 34145<br>239-394-1697 martin@aec-mi.com |

|   |     |              | Project  |
|---|-----|--------------|----------|
|   |     |              |          |
| Description   | Qty | Rate         | Total    |
| <p>Pre-development Vegetation, Tree and Listed Wildlife Species Survey, Assessment &amp; Report for constructing dual 5-foot buffered standard bike lanes along a 1.3 mile section of Bald Eagle Drive, connecting Collier Blvd. and San Marco Road with minor drainage modifications, driveway modifications, and pavement restriping.</p> <p>Survey Method:<br/>Pedestrian survey with approximately 5 foot wide transects, covering 100% of the project area will be conducted. During survey all mature tree species (4-inch diameter at breast height (dbh)) and federal and state listed wildlife species, their nests, burrows or cavities, will be documented by latitude/longitude coordinates and photographs.</p> <p>Note: On Marco Island there are large populations of Burrowing Owl and Gopher Tortoise; both Florida state listed threatened species. If burrows are found within the project area, the burrows and/or animals, will be documented and provided in the report with recommendations for Florida Fish &amp; Wildlife Conservation Commission required conservation/protection provisions and/or permitting, if necessary, prior to project.<br/>Estimate the survey will be 4-6 hours.</p> <p>Report:<br/>Environmental Assessment Report provided within 3 days of the survey conducted.<br/>Report will include environmental description of project area, all mature tree species and listed wildlife species, if present, and aerial map.<br/>Estimate 4-6 hours to create report.</p> <p>Submitted by: Nancy J. Richie, Owner/Manager<br/>Island Environmental &amp; Marine Services, LLC<br/>553 Somerset Court Marco Island FL 34145</p> |     | 2,200.00     | 2,200.00 |
| Island Environmental & Marine Services, LLC<br>553 Somerset Court Marco Island FL 34145<br>239-404-5766   |     | <b>Total</b> |          |

| Date      | Estimate # |
|-----------|------------|
| 7/11/2025 | 948        |

| Name / Address  |
|---|
| Pinckney, Martin, PE<br>Amercian Engineering Consultants<br>573 Bald Eagle Drive<br>Marco Island FL 34145<br>239-394-1697 martin@aec-mi.com |

|   |     |              | Project    |
|---|-----|--------------|------------|
|   |     |              |            |
| Description   | Qty | Rate         | Total      |
| 239-404-5766 nancyjrichie@gmail.com<br>FL License#L15000034284 FEIN#47-3232191<br>BS Marine Biologist, Texas A&M University at<br>Galveston<br>FWC Registered Agent Permit #RAG-18-00022<br>FWC Gopher Tortoise Agent<br>Permit##GTA-15-00037D<br>UF-IFAS Master Naturalist<br>NOAA/NMFS Certified Protected Species Observer<br><br>CITY OF MARCO ISLAND Vendor # 1062 |     |              |            |
| Island Environmental & Marine Services, LLC<br>553 Somerset Court Marco Island FL 34145<br>239-404-5766   |     | <b>Total</b> | \$2,200.00 |