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Qualifications to Provide

Charlotte County

Design - Englewood Beach Boardwalk & Walkovers

RFP No. 20250391| May 22, 2025

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May 22, 2025

Charlotte County
18500 Murdock Circle, Suite 344
Port Charlotte, FL 33948

Re: **Design - Englewood Beach Boardwalk & Walkovers, RFP No. 20250391**

Dear Selection Advisory Committee Members:

The Weiler Engineering Corporation (WEC) proudly presents our team's response to RFP NO.20250391 for the design of the Englewood Beach Boardwalk and Walkovers Restoration/Replacement. WEC prides itself on coastal development and is ideally positioned to provide the best service on this project to Charlotte County. WEC has been in business in Charlotte County since 1993 and since that time has had a major focus on in-water and coastal work. In 2024, WEC along with Johnson Engineering, were acquired by Apex Companies, LLC. This new partnership enables both firms to expand their services, capabilities, and work together as a united team.

WEC has been responsible for new boardwalks, boardwalk repairs, pavilions, boat ramps, seawalls, and docks within Charlotte Harbor. WEC also has extensive experience working with the FDOT on projects within the right-of-way of the US 41 southbound bridge adjacent to this project. WEC also has recent experience managing grants commonly used for shoreline projects such as CDBG-MIT, FEMA, FWC Big P, NRCS, and many others types of grants including FDOT LAP and other federally funded programs.

Why choose the Weiler Engineering Corporation?

- ◊ **Local Project Specific Design / Permitting Experience** - WEC has designed and permitted multiple boardwalk projects throughout the South Florida area including 13 boardwalk repairs for Lee County, dozens of boardwalks, docks, and piers for FDEP, and multiple boardwalks for the City of Islamorada. The team presented here is located in Charlotte County and has worked collectively to achieve the success of the boardwalk projects demonstrated throughout this proposal.
- ◊ **Construction Expertise in Seawall and Marine Engineering** - WEC has provided construction management and construction engineering and inspections on multiple boardwalks, piers, and other coastal projects.To date, WEC has performed construction management and CEI on 7.25 miles of FEMA funded seawall for the City of Punta Gorda as well as more than 50 boardwalks, docks, and piers for FDEP.
- ◊ **Experts in FEMA Funding and Reimbursement** - WEC's FEMA experience from Pre-Disaster Mitigation Efforts, Detailed Damage Assessment Efforts, Securing FEMA funding, administrating FEMA funded projects from preliminary design through construction and reimbursement assistance is unparalleled among local engineering firms.
- ◊ **Staff Available to Focus on this Project Now** - With the recently completed design and construction on the nearby William R. Gaines Jr. Veterans Memorial Park Boardwalks and the Port Charlotte Beach Park Erosion Repairs, WEC staff is ready to hit the ground running to fast track the design and permitting efforts
- ◊ **Demonstrated Success in Expediting Permit Review Times** - On the Live Oak Point Park Seawall project, WEC was able to obtain the Army Corps Nationwide Permits, the same permit that we anticipated to be required for this project, in 7 calendar days.More information on specific strategies to expedite the permit processes for this project are included within the Project Approach.

- ◊ **Approach Focused on the Future** - The design effort and information collected as part of this project will be of benefit to the County for future boardwalk replacement and pavilion repair. Additional discussion of specific examples are included in the Project Approach section.

WEC conducted site visits on February 6th 2024, August 6th 2024, and February 7th 2025 to investigate the extent of the damages. From these investigations, it is apparent that significant hurricane damage was done to this location. A site specific design for replacement of the boardwalks and repair of the pavilions will be required. Alternate materials such as galvanized or stainless strapping and fasteners, pressure treated framing , and HDPE decking can be used to increase the life expectancy.

Our team is led by Brian Corso under responsible charge to Mike Giardullo, PE, our principal-in-charge. Mike and Brian have served as project managers on multiple projects for Charlotte County and similar projects for other jurisdictions. Mike has served as engineer of record for multiple County boardwalk projects and other in-water projects. Specifically, they have been involved with design and management of all the projects mentioned above. Supporting them is Robin Palmer, PE, (environmental engineering and permitting) and Max Morgan, PE, (structural engineering). Robin and Max have worked with them on most of the projects mentioned here in. Throughout this RFP response, many past projects are highlighted. The same key staff responsible for the success of those projects is the same staff proposed for this project.

Finally, all WEC staff proposed herein work out of our Punta Gorda corporate office location. WEC takes a "boots on the ground" approach to all design. We believe that design cannot just happen from behind a desk. Our close proximity to the project location will be a big benefit to field checking design and providing a plan set that includes methods of addressing the unique conditions found before construction.

We thank you for the opportunity to submit this RFP response and believe you'll find that we have demonstrated our competence in such a project to be selected for professional services for the Englewood Beach Boardwalk and Walkovers Restoration/Replacement project. We look forward to helping Charlotte County for this important community asset.

Sincerely,
THE WEILER ENGINEERING CORPORATION

Michael Giardullo, PE | Principal-in-Charge
The Weiler Engineering Corporation
An Apex Company
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WEILER ENGINEERING CORPORATION

WEC

An Apex Company

I. Team Proposed for this Project

A. Background of the Personnel

WEC takes pride in the accuracy of our proposal. The team listed below is the group that will help develop the Scope of Work and see the project through from start to finish. The team presented here is located in Charlotte County and has worked collectively to achieve the success of the projects demonstrated throughout this proposal. No staff will be changed without express permission from Charlotte County and this proposal is made wwwithout collusion with any other person or entity submitting a proposal pursuant to this RFP.

1. Project Manager

Brian Corso - Project Manager

Brian has been with Weiler Engineering (WEC) for over 11 years and has experience in several varying aspects of marine structural design, permitting, and construction oversight, specifically structural design for seawall, **boardwalk**, pier, park, and marina projects. He has worked closely with many types of clients including state and local governmental agencies and municipalities on concept development, design strategy, cost engineering, and submittal review. His most recent similar project for Charlotte County was the Ponce De Leon **Boardwalk** and Park Redesign for the City of Punta Gorda where he conducted an assessment of the **boardwalk**, worked with the Structural Engineer to develop plans for its replacement, and will manage the construction oversight of its replacement. He is currently overseeing the construction inspections for the FEMA funded Punta Gorda Seawall Replacement project. Brian is also involved in the design and oversight of all WEC **boardwalk**, seawall, pier, structural, and park projects.

2. Other Key Personnel

Michael Giardullo, PE - Principal-In-Charge/QA/QC

Mike, WEC's director of Civil Engineering, has been with Weiler Engineering for 20 years. During that time, he has focused on a variety of parks and marine engineering projects throughout South Florida. Specifically in Charlotte County, he has been responsible for the seawall replacement, the day dock replacement and the boat ramp replacement at Harbor Heights Park, Live Oak Point Seawall Repairs, Kiwanis Park **Boardwalks**, William R. Gaines Park **Boardwalks**, Port Charlotte Beach Park Repairs, and many other coastal projects for Charlotte County. He has extensive local experience including several projects including pier and **boardwalk** projects for the City of Punta Gorda. He has also worked on numerous boat ramps and seawall projects for DeSoto County and many other **boardwalk** and marine projects for municipalities and private developments throughout the Florida Keys. Since 2011, Mike provided part time engineering support to DeSoto County as the County engineer and in that time, he assisted DeSoto County with obtaining **FEMA** funding and ensuring reimbursement. He has developed an expertise in working with **FEMA** on similar projects that many consultants do not have the opportunity to develop.

Max Morgan, PE - Structural Engineering

Max has been with Weiler Engineering for over seven years. He has worked on numerous in-water structures including inspections and assessments, as well as full design and replacement of the structures. He has worked as an inspector, a design engineer, and the project manager on many structural projects. He is proficient in the permitting processes and the requirements for the regulatory agencies as well as performing flood, wind, and other dynamic load analyses. Recently, Max has completed the design, construction, and oversight for the Ponce De Leon **Boardwalk** and Park Redesign and Gasparilla Island State Park **Boardwalk**.

Robin Palmer, PE - Permitting Specialist and Environmental Engineer
Robin is a Professional Engineer with over 11 years of experience in environmental and civil engineering. She has managed and permitted a multitude of projects across 15 counties. She has served as the design engineer, permitting specialist, and project manager throughout her time at WEC on projects that include seawall, **boardwalk**, and pier repair/replacement, new floating dock design, mangrove trimming/alteration permitting, UMAMs, CCCL permitting, and low-impact development. She has worked extensively with the FDEP on State Park projects on design and permitting seawalls, **boardwalks**, piers, and restrooms all along Florida's coastlines. To date, Mrs. Palmer has been the design engineer on over 50 different projects at Florida state parks for the Florida Department of Environmental Protection. Robin is currently working on the design for Darst Park in-water Structures Replacement for Charlotte County.

Ashlie Maberino, PE - Civil Engineer
Ashlie has 7 years of experience with The Weiler Engineering Corporation. In her time with the company, she has worked closely with regulatory agencies, and municipal agencies on permitting. She recently completed the design and permitting of the Ponce De Leon **Boardwalk** and Park Redesign project for the City of Punta Gorda. Recently, she completed the design and oversight for the William R. Gaines Jr. Veterans Memorial Park **Boardwalks** and Improvements for Charlotte County. Her expertise with ACOE, FDEP, FDOT, and SWFWMD permitting will allow the project to go through the permitting process smoothly and efficiently.

Davis Johanson - CEI
Davis has 5 years of experience with The Weiler Engineering Corporation. In his time with the company, he has worked closely with regulatory agencies, and municipal agencies on design engineering, construction engineering and permit compliance. He recently completed the design and inspections for Burnt Store Isles Lock Canal Widening, Westshore Yacht Club Marina Dock Fire Line Replacement. Also Mr. Johanson performed as the Construction Phase Manager for Liverpool Boat Ramp Replacement, Document Control Specialist for City of Punta Gorda Seawall Replacement, and Lead Inspector for DeSoto Veterans Memorial Park Boat Ramp. His expertise with ACOE, FDEP, FDOT, and SWFWMD permit compliance will ensure the project substantial completion is a smooth process and final close out is timely.

3. Consultants

Laura Herrero - Environmental - Johnson Engineering, LLC
Laura is the director of Johnson Engineering's environmental and water resources group. She brings both private and public sector experience in the environmental field. Her environmental consulting experience includes wetland delineation; protected species surveys; habitat and species management plans; biological monitoring; coordination and permitting with the FWC Commission and U.S. Fish and Wildlife Service; Fish and Wildlife Service biological assessments; mitigation proposals; environmental impact statements, environmental resource permit and federal dredge and fill permit applications with follow-through to permit issuance and post-permit compliance.

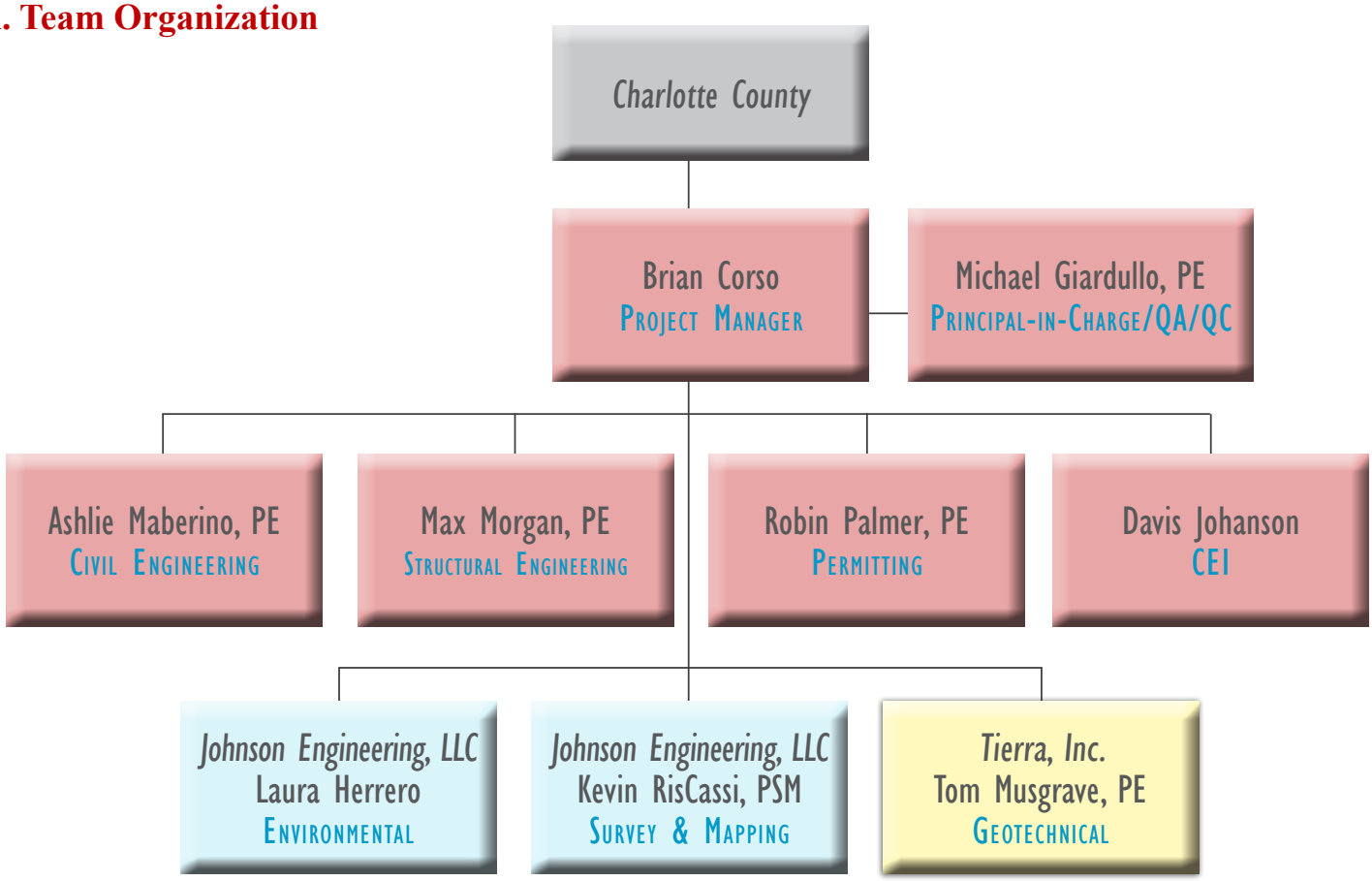
Kevin RisCassi, PSM - Survey & Mapping - Johnson Engineering, LLC
Kevin joined Johnson Engineering in 2001 and is the firm's Director of Survey and Mapping services. He is responsible for the continued development of the field personnel, ensuring that fundamental knowledge and the latest technology is available and understood by his team. Kevin has more than 30 years of experience successfully providing both residential and commercial clients with control, boundary, topographic, route, and hydrographic surveys, as well as right of way mapping on transmission lines, and construction staking. He was instrumental in helping introduce and development of our current hydrographic and GPS capabilities and has performed numerous hydrographic surveys on local waterways.

Tom Musgrave, PE - Geotechnical - Tierra, Inc.

Tierra, Inc. is a full service consulting geotechnical and construction materials testing engineering firm with capabilities to provide test borings, install piezometers and monitoring wells, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction materials testing. Tierra was formed as a geotechnical and materials engineering firm with the intent of building upon the many years of combined experience of our founding principals. Our organization is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. Tierra is a Florida Statewide certified Minority Business Enterprise (MBE) and is also certified under the Florida Unified Certification Program (UCP) as a Disadvantaged Business Enterprise (DBE) through the Florida Department of Transportation (FDOT).

II. Proposed Management Plan

A. Team Organization



Team Organization Phases

Key Staff	Site Analysis/ Permitting	Schematic Design	Design Development	Construction Documents	Construction Observation
Brian Corso	X	X	X	X	X
Michael Giardullo, PE	X	X	X	X	X
Ashlie Maberino, PE		X	X	X	
Max Morgan, PE		X	X	X	X
Robin Palmer, PE	X	X	X		X
Laura Herrero	X	X	X		
Kevin RisCassi, PSM	X				
Tom Musgrave, PE	X				
Davis Johanson					X

B. Roles & Responsibilities of Participants

All of our team members as well as subconsultants, have worked together on various projects throughout Southwest Florida. Everyone involved is on board and aware of their specific responsibilities.The following graphic provides a brief description of the primary responsibilities for each particular position:

Project Manager
Brian Corso - Structural Department Manager

- ¬ Oversee the entire project from initial design survey to construction completion
- ¬ Provide direction and maintain accountability of team members
- ¬ Assure proper communication and coordination amongst team members
- ¬ Assure proper resources and manpower is dedicated to the project

Principal-in-Charge
Michael Giardullo, PE – Director of Civil Engineering

- ¬ Assist the Project Manager and ensure communicate with the County is maintained
- ¬ Ensure that all needed staffing resources are dedicated to the project to ensure deliverables are provided on schedule
- ¬ Provide quality control and assurance reviews of all deliverables and permit submissions

Structural Engineering
Max Morgan, PE

- ¬ Assist in the inspection and analysis of existing failed structures
- ¬ Determine methods to mitigate future damage and assist with cost analysis of alternates
- ¬ Assist in client coordination on alternative selection with relation to budget and mitigation funding
- ¬ Provide calculations, modeling for resilient design of structures

Civil Engineering
Ashlie Maberino, PE

- ¬ Produce the permit and construction plan set to include existing conditions, proposed conditions and structural details
- ¬ Create exhibits needed for complete regulatory permit application packages

Permitting
Robin Palmer, PE

- ¬ Coordinate with regulatory agencies prior to permit submission to review the activities and develop best approach to fast track permitting
- ¬ Review regulatory requirements and ensure application is tailored to specific Nationwide permits to aid in expedited processing
- ¬ Develop complete permit application with all information needed for review by agencies
- ¬ Maintain ongoing communication with review staff and respond to requests for additional information quickly

Environmental
Laura Herrero
Johnson Engineering, LLC

- ¬ Perform necessary environmental assessments of the project area
- ¬ Spearhead environmental permitting
- ¬ Coordinate mitigation efforts

Survey
Kevin RisCassi, PSM
Johnson Engineering, LLC

- ¬ Coordinate with design and environmental team to ensure all required data is field collected
- ¬ Schedule survey crews in a timely manner after notice to proceed
- ¬ Set reference points for construction
- ¬ Process field data into survey for design team use

Geotechnical
Tom Musgrave, PE
Tierra, Inc.

- ¬ Provide roadway soil borings & analysis
- ¬ Provide pond soil analyses
- ¬ Identify potential unsuitable material
- ¬ Provide specialized analysis & testing as necessary

CEI
Davis Johanson

- ¬ Assist the County with site inspections when requested
- ¬ Provide time submittal review
- ¬ Respond to requests for information from the contractor
- ¬ Review applications for payment from the contractor
- ¬ Ensure onsite construction activities are compliant with all permits

BRIAN CORSO
STRUCTURAL ENGINEERING MANAGER

ROLE
STRUCTURAL DEPARTMENT MANAGER

EDUCATION
BACHELOR OF DESIGN, UNIVERSITY OF FLORIDA SCHOOL OF ARCHITECTURE

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RELEVANT EXPERIENCE

Mr. Corso has been with the Weiler Engineering Corporation for over 11 years and has experience in several varying aspects of structural assessment and repair/rehabilitation. He has worked closely with many types of clients including local governmental agencies and municipalities on concept development, design strategy, cost engineering, and submittal review. Mr. Corso 's most recent similar projects for Charlotte County were the Ponce De Leon Boardwalk and Park Redesign for the City of Punta Gorda replacements where he conducted inspections and contractor oversight of the boardwalk installation as well as a full assessment of the dockage and worked with the Structural Engineer to develop plans for its replacement.

REPRESENTATIVE PROJECTS

HARBOR HEIGHTS PARK BOAT RAMP - HARBOR HEIGHTS, FL
Mr. Corso served as the Construction Project Manager for the new Harbor Heights Boat Ramp project. Mr. Corso responded to RFIs and submittals for the contractor throughout the project, and completed routine inspections to ensure the project was constructed according to plans and regulations. The project included new sidewalks, concrete boat ramp, (2) fixed dock, and shoreline stabilization.

HARBOR HEIGHTS PARK PIER REPLACEMENT - HARBOR HEIGHTS, FL
Mr. Corso served as the Project Manager for the pier replacement project at Harbor Heights Park. Each of the (2) T-shaped piers were approximately 74LF and replaced the previously existing piers with a new wooden pier on 10" diameter piles. Mr. Corso lead the structural team to design a product that met all state and local codes.

VETERANS PARK BOAT RAMP - ARCADIA, FL
Mr. Corso served as the Lead Designer / Structural Project Manager on the new boat ramp facility at Veterans Park in Arcadia, FL. The project area for this project was 3.2+/- acres and included a new parking lot, sidewalk, shoreline stabilization, dual boat ramps, and a floating dock. Mr. Corso lead the structural team on the design of the pile supported concrete boat ramp.

PONCE DE LEON SEAWALL, PIERS, AND BOARDWALK ASSESSMENTS AND REPAIR PLAN- PUNTA GORDA, FL
Mr. Corso served as the Project Manager for the new coastal boardwalk within Ponce de Leon Park. This boardwalk replacement project was constructed in a loop for a **scenic walk through the mangrove swamp.** The project required 155 new 8" piles to be placed for the new boardwalk. Mr. Corso used his knowledge to design a boardwalk that was easily constructable in a constrained site.

LIGNUMVITAE SERVICE DOCK REPLACEMENT - LIGNUMVITAE KEY, FL
Mr. Corso oversaw the design of the new fixed dock within Lignumvitae Key Botanical State Park. The existing dock was damaged in Hurricane Irma and would frequently be overtopped in king tide events. Mr. Corso and his structural team designed a the fixed dock as well as a concrete slab on piles to support the loading and unloading of vehicles. This project required permitting from the South Florida Water Management District and U.S. Army Corps of Engineers.

MICHAEL GIARDULLO, P.E.
DIRECTOR OF CIVIL ENGINEERING

ROLE
PROJECT MANAGER

EDUCATION
BACHELOR OF SCIENCE
CIVIL ENGINEERING
LOYOLA MARYMOUNT UNIVERSITY

MASTER OF SCIENCE
CIVIL ENGINEERING
COLORADO STATE UNIVERSITY

LICENSURE
FLORIDA LICENSED
PROFESSIONAL ENGINEER
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OF TRAFFIC QUALIFICATION

FDEP QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR #14470

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RELEVANT EXPERIENCE

Mr. Giardullo has been with Weiler Engineering (WEC) for over 19 years and currently serves as the Director of Civil Engineering. Under his responsible charge, Weiler Engineering has designed, permitted, and supervised construction for numerous projects in South and Southwest Florida. Mr. Giardullo is experienced in permitting projects in environmentally sensitive areas through FDOT, FDEP, and the SFWMD and he is an expert in obtaining funding and managing grants from a multitude of state and federal sources for transportation improvement projects.

REPRESENTATIVE PROJECTS

HARBOUR HEIGHTS PARK IMPROVEMENTS - PUNTA GORDA, FL

Mr. Giardullo served the County as the Engineering of Record for this park upgrade project which was completed in numerous phases. Phases included the initial park and parking area improvements including: the replacement of the double wide boat ramp with ADA complaint access and docking. WEC completed the design and permitting of the replacement of the 2 day dock piers and construction is anticipated to be complete in February of 2019. Mr. Giardullo was the EOR for this project. Currently Mr. Giardullo is working on the Harbor Heights Seawall Replacement. This project design is complete and is awaiting the bidding process.

CITY OF PUNTA GORDA SEAWALL REPLACEMENT - PUNTA GORDA, FL

The Weiler Engineering Corporation was contracted by the City of Punta Gorda to perform CEI services for 7.25 miles of seawall damaged by Hurricane Ian. Mr. Giardullo is currently the project manager for this project. He is responsible for reviewing pay applications from the Contractors, addressing design changes in the field, and ensuring the contractors are installing the seawall panels and caps per the specifications.

HARBORWALK AND SEAWALLS - PUNTA GORDA, FL

Mr. Giardullo served as project manager for this waterfront infrastructure and linear park project. The Harborwalk involves 3.3 miles of prime harbor frontage owned by the City of Punta Gorda. In addition to the design and permitting of a multi-use recreational trail which ranges in width from 10-ft to 30-ft, he was responsible for numerous park improvements including, restroom facilities, gazebos, picnic pavilions, a play ground, bocce courts, beach clean up, a small sailboat launching facility, seawall replacement parking areas, 8 separate stormwater management systems using retention treatment, roadway improvements, and pedestrian bridges. **5 Phases of this project involved the analysis of different types of seawalls and the engineering of repairs and replacement.** Mike was responsible for the permitting of these improvements through the FDOT, the SWFWMD, the ACOE, the Charlotte Harbor Aquatic Preserve and FWC. In addition to providing regular updates to the Punta Gorda City Council, Mr. Giardullo also hosted public forum meetings to gain input from the general public.

PONCE DE LEON SEAWALL AND BOARDWALK STRUCTURAL ASSESSMENT AND CONSTRUCTION DOCUMENTS – CITY OF PUNTA GORDA

Weiler Engineering completed a full assessment of the existing seawall and provided a detailed report of the existing seawall conditions with recommendations for repairing , determining replacement of one segment, and extending the seawall length, based on the final assessment. The report included preliminary cost estimates for any proposed repairs and for full replacement. The report also included seawall / cap repair/replacement details, site plan showing limits of seawall and location of fishing pier, connection details of the fishing pier to the new and repaired seawall caps, and ADA compliant upgrades of the fishing pier at the transition from land. The deliverable included Engineer's Cost Estimate & Technical Specifications. Final design was included as part of additional phases. WEC delivered 100% Construction Plans and Final Construction Documents in June 2020. Currently, WEC is engaged in the construction oversight of the

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LEAD CIVIL ENGINEER

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seawall including RFI, submittals, pay-app approvals, consulting to the City, and site visit inspections.

Weiler Engineering completed a full assessment of the existing boardwalks and fishing piers. A detailed report of the existing boardwalks and fishing piers conditions with recommendations for repairing, including options for replacement within the existing footprint, were included with the final assessment. The report also included preliminary cost estimate for proposed repairs or full replacement.

LETTUCE LAKE BOAT RAMP - DESOTO COUNTY, FL

Mr. Giardullo served as the engineer of record and project manager for the design and permitting of this boat ramp park. The design involved a double wide boat ramp, a picnic area, accommodations for a future playground, a restroom facility and parking area. The design also included a complete stormwater system involving catch basins, a dry retention area and side drains for this site along the Peace River. Timing of the permitting through the SWFWMD and ACOE was crucial due to deadlines of grant funding through the Florida Fish and Wildlife Conservation Commission.

MORGAN PARK SEWALL PROJECT - DESOTO COUNTY, FL

Mr. Giardullo served as the engineer of record and project manager for the design and permitting this restoration project. Mr. Giardullo assessed the various options for riverbank stabilization and selected the design that would provide the most protection yet still remain cost effective. Mr. Giardullo worked closely with Desoto County and National Resource Conservation Service and streamlined this project the Notice to Proceed was issued in June 2018 and construction began in October 2018 and was completed in 2019. Throughout construction, Mr. Giardullo oversaw WEC inspectors and provided construction administration and engineering services. Mr. Giardullo also assisted DeSoto County with seeking reimbursement through NRCS.

LIVE OAK POINT PARK IMPROVEMENTS - PUNTA GORDA, FL

WEC was originally contracted by the County to complete an in-depth assessment of three areas of the existing Live Oak Point Park. The assessment look at multiple alternatives to address the settlement and erosion issues that are occurring at the park. WEC was later contracted to design, permit, and provide construction services for these improvements. We are currently near the end of the design phase for this project. Permitting efforts included coordination with FPL, FDOT, SWFWMD, and ACOE. Mr. Giardullo is the Engineer of Record for this project. He was responsible for the design and permitting oversight, bidding assistance, and construction services oversight.

ANNE'S BEACH BOARDWALK REPLACEMENT - ISLAMORADA, FL

Mr. Giardullo served as the engineer of record for the civil site design portion of this project which was reimbursable by FEMA following Hurricane Irma. **This included the replacement of over 1,000 linear feet of boardwalk through environmentally sensitive areas, two parking lots, site grading, and shoreline protection.** This project was a key project for the Village of Islamorada because of the popularity of the park. Following construction was complete in 2019, Mr. Giardullo and the Weiler Team also assisted the Village in obtaining reimbursement through FEMA.

ASHLIE MABERINO, P.E.
CIVIL DESIGN ENGINEER

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DESIGN ENGINEER

EDUCATION
BACHELOR OF SCIENCE
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RELEVANT EXPERIENCE

Mrs. Maberino is a graduate from Florida Gulf Coast University with a Bachelor of Science in Civil Engineering. Mrs. Maberino is the current Vice President of Peace River Engineering Society (PRES). Mrs. Maberino has over 7 years of engineering experience. Mrs. Maberino's experience is in permitting, utility studies, utility management, and stormwater design. Through her role as a Design Engineer, Mrs. Maberino has worked with local governmental agencies and municipalities for stormwater and utility design. Mrs. Maberino has worked with SWFWMD, FDOT, FDEP, and other permitting agencies on many projects.

REPRESENTATIVE PROJECTS

HARBOR HEIGHTS SEAWALL REPLACEMENT, PUNTA GORDA, FL - Mrs. Maberino was responsible for the design and permitting of the Harbor Heights Seawall Replacement project. This project entailed 174 linear feet for seawall replacement, an upland retaining wall, and the replacement of the existing walk way. The design of the seawall repair took into consideration the existing piers and the design was tailored to not impact them. Mrs. Maberino was responsible for the ACOE permitting and the SWFWMD permitting. This project design is complete and is awaiting the bidding process.

Live Oak Point Park Improvements, Punta Gorda, FL - WEC was originally contracted by the County to complete an in-depth assessment of three areas of the existing Live Oak Point Park. The assessment look at multiple alternatives to address the settlement and erosion issues that are occurring at the park. WEC was later contracted to design, permit, and provide construction services for these improvements. We are currently near the end of the design phase for this project. Permitting efforts included coordination with FPL, FDOT, SWFWMD, and ACOE. Mrs. Maberino has been resposnsible for the design and permitting of this project. This project is currently in the final stages of permitting and 100% plans are ready pending the permit approvals.

WILLIAM R. GAINES JR. VETERANS MEMORIAL PARK BOARDWALKS - Mrs. Maberino was responsible for the design, permitting, and construction engineering and inspection services for this project. The project was design in 2 phases and Phase 1 is complete. This project entails boardwalks through wetlands, mulch trails, educational kiosks, and exercise stations. Permits from SWFMD and ACOE were obtained. Mrs. Maberino worked with the reviewers from both regulatory agencies and addressed any questions they had throughout the permitting process.

MAX MORGAN, P.E.
STRUCTURAL ENGINEER

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RELEVANT EXPERIENCE

Mr. Morgan is a graduate from Florida Gulf Coast University with a Bachelor of Science in Civil Engineering. Mr. Morgan's experience is in permitting, waterfront structures, and material selection expertise. Through his role as a Design Engineer, Mr. Morgan has worked with local governmental agencies and municipalities for structural design to ensure design is uniform and flows with the intended vision of the client. Mr. Morgan has worked with SWFWMD, ACOE, FDOT, FDEP, and other permitting agencies on many projects.

REPRESENTATIVE PROJECTS

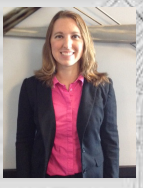
DeSoto County Veterans Park Expansion and Rehabilitation
Funded in part by a grant from FWC, this project consisted of a new boat ramp and parking area. Mr. Morgan was a member of the structural design team, where he assisted with the structural calculations for the boat ramp foundation and served as the primary draftsman. For the construction phase of the project, he served as the project manager and primary point of contact for the client and contractor. As part of his duties, he reviewed documents from the contractor, including applications for payment and submittals. Additionally, he performed field inspections when required and advised site personnel when conflicts were discovered.

HARBOR HEIGHTS PIER REPLACEMENT - PUNTA GORDA, FLORIDA
A project to replace two fixed docks at Harbor Heights Park in Charlotte County. Mr. Morgan was responsible for performing daily construction progress inspections and answering contractor questions. Additionally, he was tasked with performing the closeout walkthrough with the client.

LIGNUMVITAE KEY BOTANICAL STATE PARK SERVICE DOCK REPLACEMENT - ISLAMORADA, FLORIDA
The existing service dock was located on Lignumvitae Key, an island accessible only by boat. Due to the uniquely isolated location of this state park, special considerations were required in the design. Mr. Morgan was responsible for assisting in the design of a dock and vehicle-rated loading ramp. Additionally, he was the lead structural draftsman for this project. The design he helped created considered the cost of mobilizing heavy equipment on the island and the low elevation of the existing topography.

DESOTO COUNTY REGIONAL WASTEWATER TREATMENT PLANT REHABILITATION (DCR WWTP REHAB CEI) - DESOTO COUNTY, FLORIDA
The existing WWTP in Arcadia was in severe disrepair and underutilized, with only one half of the plant in operation at the beginning of the project. Mr. Morgan has been involved with this project since the project began in 2020 and continues to oversee progress. Under the oversight of the engineer of record, he designed the new concrete headworks platform for the static screen system and was the primary draftsman during the entire design phase. For the continuing construction phase of the project, he has performed multiple and varied inspections, as well as project management duties. Besides typical construction progress inspections, he performed specialized coating inspections for the new protective system on the rehabilitated steel tanks. He is also responsible for review and approving contractor submittals, attending regular progress meetings, reviewing inspection reports, and facilitating communication between the engineer of record and the client.

ROBIN PALMER, P.E.
ENVIRONMENTAL ENGINEER



ROLE
PERMITTING

EDUCATION
BACHELOR OF SCIENCE
ENVIRONMENTAL ENGINEERING
FLORIDA GULF COAST UNIVERSITY

LICENSURE
FLORIDA LICENSED
PROFESSIONAL ENGINEER
#90050

CONTACT INFORMATION
201 W. MARION AVENUE
SUITE 1306
PUNTA GORDA, FL 33950
(941) 505-1700
RPALMER@WEILERENGINEERING.ORG

RELEVANT EXPERIENCE

Ms. Palmer is a Professional Engineer. She served as the Past President of the Peace River Engineering Society. Ms. Palmer also served for 4 years on the conference planning committee for the annual Southwest Florida Water Resource Conference held in Ft. Myers. In 2015, Ms. Palmer was recognized by the Governor for her first place award in technical writing at the ASCE Florida Section Annual Conference. She has served as the project manager for over 55 projects for the FDEP since 2016.

REPRESENTATIVE PROJECTS

Centennial Park and Harold Ave Park Sidewalk, Port Charlotte, FL
Ms. Palmer served as the Project Manager and Engineer of Record for the new walking paths at Harold Ave and Centennial Park. The Harold Ave. sidewalk was 914LF and extended around the baseball fields and connected into the existing sidewalks. The Centennial Park sidewalk was 2,168LF and provided a pedestrian walking path around the existing soccer fields. Ms. Palmer was responsible for the design, permitting, and construction assistance on this project.

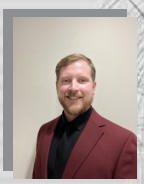
Manasota Key N. Beach Rd Sidewalk, Englewood, FL
Ms. Palmer served as the Project Engineer for the new 6' sidewalk, off-street parking, and stormwater improvements along the busy commercial area of N. Beach Rd. The purpose of this new path was to provide updated lighting, increase bike and pedestrian safety, and to add additional parking for the commercial businesses and beachgoers. Ms. Palmer was responsible for the grading and drainage design of the system and permitting process through the Florida Department of Environmental Protection.

Key Tree Cactus Preserve-Islamorada, FL
Ms. Palmer worked as the Project Manager for the new boardwalks, parking lot, stormwater system, and native trails at the park. The purpose of the project was to add a combination of passive recreation trails through the upland hammocks and boardwalks through the mangrove swamp. Ms. Palmer worked with the SFWMD to strategically divide the project into multiple permit areas to fast-track the permitting process.

Charlotte County Wayfinding, Charlotte County, FL
Ms. Palmer served as the Project Manager for the design of wayfinding signs for parks throughout Charlotte County. Using a Regional Park and a Community Park as base models, Ms. Palmer coordinated with Charlotte County, Graphic Designer, and Structural Engineer to produce signate for vehicular traffic, pedestrian signs, and smaller identification signs for sport field and sport court labeling.

Bissett Park Master Plan, Charlotte County, FL
Ms. Palmer worked on two (2) projects at Bissett Park, a community park, within Charlotte County. Under the first scope of work, Ms. Palmer was the Project Manager for the Master Plan for the park. This Master Plan included phasing of new amenities within the park such as walking paths, disc golf course, outdoor exercise equipment, skate park, docks, parking, and a new recreation center. Under the second scope of work (Phase I of Master Plan improvements), Ms. Palmer served as the Project Manager and Engineer of Record for the design of walking paths, additional parking, skate park, and the master stormwater system for the park.

DAVIS L. JOHANSON



ROLE
CONSTRUCTION PHASE MANAGER

EDUCATION
BACHELOR OF SCIENCE ENVIRONMENTAL ENGINEERING
FLORIDA GULF COAST UNIVERSITY

CERTIFICATIONS
OSHA CONSTRUCTION SAFETY AND HEALTH

CONTACT INFORMATION
201 W. MARION AVENUE
SUITE 1306
PUNTA GORDA, FL 33950
(941) 505-1700
DAVIS.JOHANSON@APEXCOS.COM

RELEVANT EXPERIENCE

Mr. Johanson is a graduate from Florida Gulf Coast University with a Bachelor of Science in Environmental Engineering. Mr. Johanson's experience is in permitting, utility management, and construction engineering. Mr. Johanson has worked with local governmental agencies and municipalities for engineering design to ensure the design is uniform and flows with the intended vision of the client. Mr. Johanson has worked with SWFWMD, ACOE, FDOT, FDEP, and other permitting agencies on many projects.

REPRESENTATIVE PROJECTS

CITY OF PUNTA GORDA SEAWALL REPLACEMENT—PUNTA GORDA, FL
The Weiler Engineering Corporation was contracted by the City of Punta Gorda to perform CEI services for 7.25 miles of seawall damaged by Hurricane Ian. Mr. Johanson is currently the Construction and Document Compliance Specialist, GIS Specialist, and a Seawall Inspector for this job. He is responsible for monitoring construction activities, reporting on compliance status, identifying compliance risks, documenting as-built information into ArcGIS Pro software, and overseeing seawall construction ensuring the contractors are installing the seawall panels and components per the specifications.

LIVERPOOL BOAT RAMP REPLACEMENT—ARCADIA, FLORIDA
Mr. Johanson served as the Construction Phase Manager for the construction of the new single lane boat ramp, new dock, and seawall at Liverpool Park. Mr. Johanson also coordinated permitting with the FDEP and ACOE. The project was funded through the Florida Fish and Wildlife Conservation Commission Florida Boating Improvement Program. The total construction cost was approximately $850,000.

DESOTO VETERANS MEMORIAL PARK BOAT RAMP—ARCADIA, FL
Mr. Johanson served as the Lead Construction Inspector on the new boat ramp facility at Veterans Park in Arcadia, FL. The project area for this project was 3.2+/- acres and included a new parking lot, sidewalk, shoreline stabilization, dual boat ramps, and a floating concrete dock. Mr. Johanson oversaw construction ensuring plan compliance and managed onsite construction progress meeting.

WESTSHORE YACHT CLUB MARINA DOCK FIRE LINE REPLACEMENT—TAMPA, FL
Mr. Johanson served as the Design Engineer and Inspector for the fire line replacement on the 175 slip dock. Tasks included inspecting the condition of the existing fire line utilities and generating plans for the complete, in-kind replacement of the existing fire protection system on the dock from the waterward side of the seawall.

BURNT STORE ISLES LOCK CANAL WIDENING—PUNTA GORDA, FL
Mr. Johanson served as the Construction Phase Manager for the Burnt Store Isles lock canal widening. Tasks included reviewing pay applications, construction materials, managing the permit processes through the FDEP and ACOE, and ensuring adherence to construction plans and all applicable regulations.

LAURA BRADY HERRERO

Environmental Permitting

lherrero@johnsoneng.com
239.461.2457

Years Experience
31 years

Education/Training
B.S. Ecology (1993), University of Illinois

Master's Work in Env. Sciences University of Alaska Anchorage (1997-1999)

Certified Ecologist, ESA

FAA Qualified Wildlife Biologist

Authorized Gopher Tortoise Agent with the FWC (GTA-13-00022)

Professional Affiliations
Ecological Society of America

Florida Association of Environmental Professionals (Past Chapter President)

Florida Airports Council Environmental Advisory Committee Member

Laura joined the firm in 2000 and serves as director of the firm's environmental consulting team, whose ecologists have more than 100 years of combined experience. As a certified ecologist, her duties include State and Federal wetland jurisdictional determinations, protected species surveys, habitat and species management plans, coordination and permitting with the Florida Fish and Wildlife Conservation Commission (FWC) and U.S. Fish and Wildlife Service (FWS), FWS Biological Assessments and Biological Opinions, wetland/listed species mitigation proposals and mitigation monitoring, Environmental Resource Permit and Federal Dredge and Fill applications, as well as follow-through to permit issuance and post-permit compliance. She is also an FWC Authorized Gopher Tortoise Agent, Federal Aviation Administration Qualified Wildlife Biologist, and FWS qualified caracara observer with over 1,600 hours of caracara survey experience and 40 nests found to date. Laura has served as the Project Manager and/or environmental lead for the permitting of many private and public sector projects and has provided expert witness testimony regarding ecological issues related to Lee and Collier County zoning cases.

Relevant Experience

- **Town of Ft. Myers Beach** - Lead ecologist on the Phase 1A watermain and drainage improvement project (sub-consultant to Mitchell & Stark) performing jurisdictional determinations, eagle monitoring, Coastal Construction Control Line (CCCL) permitting with the DEP, and assisting in evaluation of design changes to avoid impacts to mangroves and Estero bay.
- **Joel Boulevard Park, Lee County** - Johnson Engineering laid the ground work with a wetland determination, complete survey and site analysis services necessary before beginning the park concept plan. The Park Concept plan has been designed to include the elements the County envisioned for this passive park which include: a signed entry, parking lot facility and parking for school buses, picnic areas, tot lot and playground, a restroom, an outdoor environmental classroom, acres of agricultural operations for both uplands and marsh crops, acres of created wet marsh for wildlife habitat and environmental education, an area of existing Gopher Tortoise preserve, and miles of accessible trail throughout all areas of the park.
- **SFWMD Crested Caracara Monitoring** - Served as lead field ecologist working on the Kissimmee River Post-Restoration Monitoring of the Crested Caracara along the Kissimmee River Restoration Corridor; trained by Joan Morrison, Ph. D., and permitted by FWS under Dr. Morrison's permit, to capture and fit sub-adult caracaras with a radio transmitter (2000-2003); C-43 West Storage Reservoir caracara nest location surveys and productivity monitoring, assistance with trapping and banding and post-tagging monitoring (2015 – current); C-139 Annex Restoration nest location surveys and productivity monitoring (Phase 1 and portions of Phase 2, January 2018-current nesting seasons
- **Lee County DOT** - Wetland delineations, wetland functional assessments, mitigation proposals, listed species surveys, and State and federal permitting for Alico Road Corridor Study, Alico Road Widening, Gladiolus Drive Widening, Six-Mile Cypress Parkway Widening, A&W Bulb Road Safety Improvements, and Fiddlesticks Bike Path.
- **Lee County Public Works** - Permitted and oversaw construction and monitoring of the Section 33 Regional Mitigation Site; designed and permitted the Wild Turkey Strand Site 90 Mitigation Area just north of Alico Road; both of these projects included coordination with U.S. Fish and Wildlife Service for determination of available panther and wood stork mitigation.
- **Lee County Port Authority** - Provided environmental analysis to assist with the RSW Comprehensive Plan Amendment to support permitting of 200 acres of non-aviation development; State and Federal environmental permitting for Skyplex Boulevard and Phases I and II of the RSW Remediation of Hazardous Wildlife Areas; assisted with the permitting of the Midfield Terminal Expansion and Mitigation Park, the RSW and FMY Wildlife Hazard Assessments; and the implementation of the associated Wildlife Hazard Management Plans.
- **Babcock Ranch Community** - Conducted wetland delineations and functional assessments of both wetland impacts and mitigation areas on approximately 17,800 acres; freshwater biomonitoring utilizing fish and macroinvertebrates; wildlife surveys; Environmental Resource Permitting; preparation of the mitigation plan which includes 6,800 acres of onsite mitigation and 5,900 acres of mitigation on the State owned portion of the Babcock Ranch Preserve.

JOHNSON ENGINEERING — An Apex Company

KEVIN RISCASSI, PSM

Director of Surveying & Mapping

kriscassi@johnsoneng.com
239.461.2410

Years Experience
33 years

Licensing & Registration
Florida Professional Surveyor & Mapper, License No. LS6433
License Acquired: 7/28/03

MOT Certification

Education/Training
B.A. Economics (1992), Trinity College

Professional Affiliations
Florida Surveying and Mapping Society

Kevin joined Johnson Engineering in 2001 and has 33 years of surveying experience, including control, boundary, topographic, route, hydrographic, construction, GPS, elevation certificates and mortgage surveys. He has six years of field experience as a survey crew chief, three years as a survey technician and has been licensed as a professional surveyor since 2003. Kevin serves as project manager on hydrographic, boundary, design and construction projects.

Relevant Experience

- **Kitson & Partners, Babcock Ranch Community Phase IA, Town Square, and Phase 1B1 Surveys** – Kevin led the surveying services to complete the platting of Babcock Ranch Community Phase 1A & Town Square in 2012 and is currently in the process of platting Babcock Ranch Community Phase 1B1. He has performed hydrographic surveys on several of the lakes, prepared topographic surveys for design and quantity analysis, construction staking on the Earthsource Relocation Site and prepared tree surveys for permitting applications.
- **Clam Pass, Collier County, FL** - Kevin was responsible for control survey, beach cross sections, profile data and hydrographic mapping on four cuts flowing to the pass.
- **Gasparilla Island Bride Authority Toll Bridge, Gasparilla Island, FL** - Kevin was responsible for control and mapping hydrographic data necessary in dredging and design analysis for the construction of new bridges.
- **Ding Darling, Sanibel, FL** - Kevin was responsible for vertical control, obtaining cross sections on drainage creeks and topographic data collection on approximately 230 acres mangrove vegetated land for runoff and restoration studies.
- **South Fork East CDD Amenity Center Expansion, Riverview, FL** - Kevin was responsible for the topographic and boundary survey data necessary to prepare concept alternatives and site design for a community activity area and building expansion at this public facility within the South Fork East Community Development District.
- **U.S. Navy Turning Basin at Key West Bight, Key West, FL** - Kevin played an instrumental role in the hydrographic survey of an existing basin for design.
- **United States Sugar Corporation, Hendry, Glades & Palm Beach County, FL** - Kevin was one of five professional Johnson Engineering employees in charge of control, title review and boundary work associated with 80,000 acres of USSC property.
- **Windham/Magnolia Landing, Lee County FL** - Kevin was responsible for producing a 983-acre boundary survey. Kevin is currently working on boundaries associated with future planned development within existing boundary.
- **Magnolia Landing Unit One, Lee County, FL** - Kevin is the surveyor of record for the plat.
- **Florida Power & Light, Alico/Orange River #3, Lee & Collier County, FL** - Kevin was responsible for the aerial control, record drawings for design, right of way survey, construction staking of new transmission line and as-builts on new improvements.

JOHNSON ENGINEERING — An Apex Company

Thomas E. Musgrave, P.E.

Geotechnical Engineer

TIERRA
GEOTECHNICAL • MATERIALS
ENVIRONMENTAL • ENGINEERING

Summary of Capabilities
Geotechnical Engineering
Structural Engineering
Structural Damage Evaluations
Structural and Geotechnical Analysis
Project Management
Numerical Modeling of Soft Soil Embankments
Numerical Modeling of Soil-Structure Interaction

Years of Experience
With Tierra: 13 Years
With Other Firms: 1 Year

Education
B.S., Civil Engineering, University of South Florida, 2011

Professional Organizations/Registrations/Awards
Florida Professional Engineer, License No. 81669
American Society of Civil Engineers

Mr. Musgrave has worked in the field of Structural and Geotechnical Engineering for more than 13 years, starting as an intern and gaining experience in structural damage assessment, structural analysis, ground subsidence, water intrusion, roof inspection, cause and origin forensic investigation, and soils and materials testing. His experience includes working on structural forensic investigations as well as FDOT roadway projects, subsidence investigations, structural bridge analysis, pavement evaluation, MSE wall analysis, corrosion testing and research. He has performed FDOT projects for Districts I, V, VII and Florida's Turnpike Enterprise. Mr. Musgrave also has extensive experience in structural testing including GPR evaluation of concrete and steel reinforcement.

Project Experience
Darst Park Seawall Replacement, Charlotte County
Harbor Heights Park Seawall Replacement, Charlotte County
City of Sarasota Seawall Replacement, Sarasota County
City of St. Petersburg 2nd Avenue North and Bayshore Drive Seawall Replacement, Pinellas County
Big Carlos Pass PD&E and Bridge Replacement, Lee County
Fort Myers Country Club Pedestrian Bridges, Lee County
Helms Road Signals Subsidence, Hendry County
Resurfacing East Ventura Avenue from S. Deane Duff Avenue to S. Francisco Street, Hendry County
Fort Denaud Road from SR 80 to Fort Denaud Bridge Way, Hendry County
Frank Billie Field Office Parking Expansion, Hendry County
Hendry County Safety Improvements, Hendry County
Whitfield Avenue East Roadway Improvements, Manatee County
North Lee County Wellfield Expansion, Lee County
Southwest Florida International Airport Road Rehabilitation, Lee County
Southwest Florida International Airport Maintenance Facility Expansion, Lee County
Alico Road Widening from East of Ben Hill Griffin Parkway to Airport Haul Road, Lee County
Corkscrew Road Widening from Ben Hill Griffin Parkway to Alico Road, Lee County
McGregor Boulevard Milling and Resurfacing, Lee County
Culvert Crossing of Canal along SR 29 into the Kaicasa Development, Collier County
Utility Operations Building Foundation Repair, Collier County
Vanderbilt Beach Road (CR 862) Bicycle Lane Improvements, Collier County
Sunshine Boulevard from 17th Avenue SW to Green Boulevard, Collier County
City of Venice Well RO-08 Pipeline, Sarasota County
Myakka River Deer Prairie Creek Hydrological and Wetland Restoration, Sarasota County
City of North Port, Sumter Boulevard Utility Extension, Sarasota County
Honore Court, Sarasota County
Lake Sarasota Due Diligence, Sarasota County
Hidden Creek, Sarasota County
Lake Magdalene Drainage Improvements, Hillsborough County
Ridge Road and Lemon Road Drainage Retrofit, Pasco County

WEILER ENGINEERING CORPORATION

WEC

An Apex Company

III. Previous Experience of Proposed Team

A-D. Relevant Work History

The Weiler Engineering Corporation (WEC) headquarters is located in Punta Gorda, Florida and has been serving Southwest Florida since 1993. WEC has provided structural and civil assessments and design alternatives for numerous clients from Key West to Tampa. These services include park concept design, civil site design, providing design alternatives, and recommendations related to safety, accessibility, maintenance, and resiliency of all components. Our clients have selected us for these services because of our reputation and unique experience and capabilities as we have complete civil and structural engineering departments in-house at WEC. Our firm is already familiar with the projects listed in this RFP and is very comfortable with completing the proposed improvements to the Englewood Beach Boardwalk & Walkovers Restoration/Replacement.

Weiler Engineering has completed many similar projects in Southwest Florida. We are a leading firm in civil and structural engineering and have worked on many park projects. We understand the importance of the park layout, features, and amenities and how all these items are linked together. Our civil engineering staff are experts on site layouts for parks and can efficiently use the limited project area. Our team is extremely familiar with sidewalks, multi-use paths, parking lot design, stormwater management, ADA requirements, and other park amenities. Our structural engineering department has completed many structural amenities for parks including kiosks, educational signage, and boardwalks.

WEC also has completed design and permitting facilities at other Charlotte County parks including improvements at G.C. Herring (Veterans Memorial Park), Harbor Heights Park, and the Charlotte Beach Complex. The following pages are a few example projects that show WEC's relevant project experience.

CHARLOTTE COUNTY
William R. Gaines Jr. Veterans Memorial Park Elevated Boardwalks

The Weiler Engineering Corporation was contracted to complete the design, permitting, and construction, engineering, and inspection services for William R. Gaines Jr. Veterans Memorial Park. Michael Giardullo, PE was the project manager for this project and was responsible for the design of the boardwalks, mulch trails, educational kiosks, and the location of the exercise stations. This project was permitted through Southwest Florida Water Management District (SWFWMD) and Army Corps of Engineers (ACOE). This project was designed as a two-phase project to allow the County to budget the construction costs. Even though it was designed in two phases, the entire project was permitted as one with phase maps submitted so the County could partially complete the park improvements. Due to the location of the boardwalks and trails being within wetlands, WEC coordinated with Little Pine Island to get the required mitigation credits. The design focused on creating as little impact to the wetlands as possible to minimize the amount of mitigation credits required.

LEE COUNTY **Boardwalk Repairs**

Johnson Engineering, in collaboration with Weiler Engineering (WEC), is leading the restoration of several boardwalks and dune crossovers across Lee County, addressing damage caused by Hurricane Ian. The FEMA-funded initiative focuses on restoring and enhancing public park and beach access points to improve both community use and long-term resilience.

The team is providing full-scope engineering services for the repair and replacement of six boardwalks and seven dune crossovers. This includes surveying, funding coordination, design, cost estimating, permitting review and assistance, as well as bidding support. The project is now entering the Construction Engineering and Inspection (CEI) phase, which involves submittal reviews, responses to Field Requests for Information (FRIs), on-site inspections, and close-out documentation.

To ensure structural resilience, multiple hardening methods were evaluated, and add-alternate options were presented to Lee County for consideration. The design integrates features that enhance durability and functionality over time.

Coordination has been ongoing with local jurisdictions, including the Town of Fort Myers Beach, particularly in regard to specific ordinances and concurrent beach renourishment efforts. Additionally, WEC and Johnson Engineering have played a key role in navigating regulatory processes, including CCCL (Coastal Construction Control Line), USACE (U.S. Army Corps of Engineers), and FDEP (Florida Department of Environmental Protection) permitting.

CHARLOTTE COUNTY

Ponce De Leon Seawall & Boardwalk Structural Assessment & Construction Documents

Weiler Engineering completed a full assessment of the existing seawall and provided a detailed report of the existing seawall conditions with recommendations for repairing, determining replacement of one segment, and extending the seawall length, based on the final assessment. The report included preliminary cost estimates for any proposed repairs and for full replacement. The report also included Seawall / Cap repair/replacement details, site plan showing limits of seawall and location of fishing pier, connection details of the fishing pier to the new and repaired seawall caps, and ADA compliant upgrades of the fishing pier at the transition from land. The deliverable included Engineer's Cost Estimate & Technical Specifications. Final design was included as part of additional phases. WEC delivered 100% Construction Plans and Final Construction Documents in June 2020.

Weiler Engineering completed a full assessment of the existing boardwalks and fishing piers. A detailed report of the existing boardwalks and fishing piers conditions with recommendations for repairing, including options for replacement within the existing footprint, were included with the final assessment. The report also included a preliminary cost estimate for proposed repairs or full replacement.

VILLAGE OF ISLAMORADA

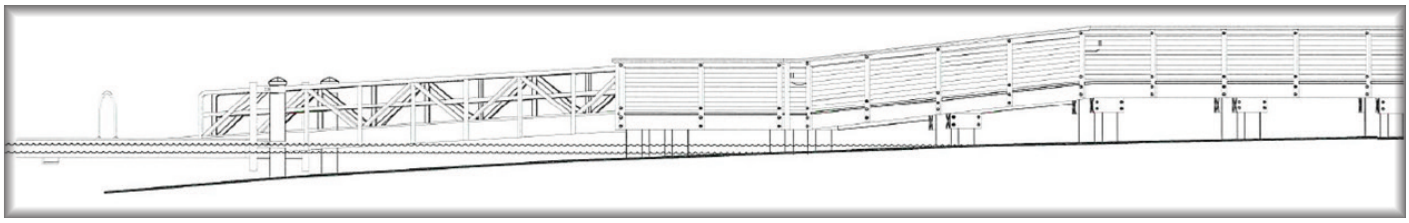
Anne's Beach Boardwalk

This project involved the construction of a 1,100+/- boardwalk, 6 pavilions, and repairs to (2) parking lots at Anne's Beach due to damage caused by Hurricane Irma. The main focus of this project was to keep the boardwalk and pavilions in the same footprint due to permitting restrictions and the sensitive wetland habitat. Extensive permitting effort was required by the U.S. Army Corp of Engineers and the Florida Department of Environmental Protection due to the wetland location of the project. A gravity wall and rip rap were added along the asphalt parking lot to provide additional stability and protection against future storm events. WEC designed a natural planted buffer along the waterward side of the second parking lot, separating it from the Atlantic Ocean. This buffer allowed for some erosion protection and water quality improvements. An Emergency Authorization was received for the project from the FDEP and ACOE, which allowed for a quick turnaround in permitting the new boardwalk and pavilions. This project allowed our civil department, environmental department, structural department and construction staff to work closely together to achieve a successful project. WEC assisted with construction phase engineering during construction.

VILLAGE OF ISLAMORADA

Key Tree Cactus Preserve

This project involved the design of a public, outdoor recreational area with an emphasis on conservation, protection, and enhancement of natural resources. This 8.5+/- acre site was designed to have two boardwalks through mangrove wetlands with a kayak launch and pavilion and several mulched trails through the upland hammock. The parcel is home to several clusters of the Endangered Key Tree Cactus (Pilosocereus robinii) and is one of the last remaining locations for the cactus. In 2009, The Conservation Fund partnered with the Village of Islamorada to preserve this land that is one of the last homes to the Key Tree Cactus. Some existing amenities were already present; however, WEC was contracted to design several major improvements to the site. WEC designed the trails, boardwalk, kayak launch, parking lot, and stormwater management system. The site was designed to allow recreational facilities without a significant impact to the environment. The trails were comprised of mulch to allow for a natural walking path that would weave among the existing trees in the hammock. A stormwater injection well was also designed and permitted to allow for the required water quality treatment associated with the development. Near the boardwalk and throughout the trails, educational signage was installed. Michael Giardullo, PE, was the Engineer of Record for the project. The site required three different permits from the South Florida Water Management District including an Individual ERP, General ERP, and Verification of Exemption. The project also required extensive permitting through the U.S. Army Corp of Engineers and U.S. Fish & Wildlife Service.



KEY LARGO

John Pennekamp Boardwalk: Bridge Repair

WEC worked with the Florida Department of Environmental Protection on the bridge repair project in 2018. This project entailed the replacement of an existing wooden bridge within the boardwalk trail through a mangrove wetland at John Pennekamp Coral Reef State Park. The pedestrian bridge and boardwalk were damaged during Hurricane Irma in 2017. WEC conducted a site visit to determine the scope of repairs that would be required. WEC designed a new bridge base/deck utilizing gun barrel piles laid horizontally on new piles. This design allowed for the bridge to be elevated a few inches above the existing elevation while not impacting the ADA slope requirements. The Water Management District permit required the construction to be completed by land, so WEC staff had to carefully design the bridge in a way in which land construction would be an option. Another challenge was that the existing boardwalk leading to the bridge was also heavily damaged in Hurricane Irma so it was impassable for workers to easily bring supplies to the bridge location. It was required that the new bridge be constructed without impacting the mangroves. Educational signage was included throughout the project as well. WEC obtained an Exemption from the South Florida Water Management District and a permit from the U.S Army Corp of Engineers.

PORT CHARLOTTE
Kiwanis Park Improvements

Michael Giardullo, PE was the project manager and lead project engineer for designing detailed construction drawings for the reconstruction of two boardwalk replacements, a bridge replacement, a new bridge and improvements to an existing steel bridge. Services also included shell trails, ADA compliant access to restrooms and parking lot reconfiguration. Mike also led Weiler Engineering through final designing of the construction documents and demolition plan for bidding and construction, along with administration services throughout this process. Boardwalk and bridge replacements required some substantial impacts to a large wetland area onsite. Mike was responsible for mitigating these impacts by providing a planting plan which provided replacement of existing species and new species to create a more diverse wetland.

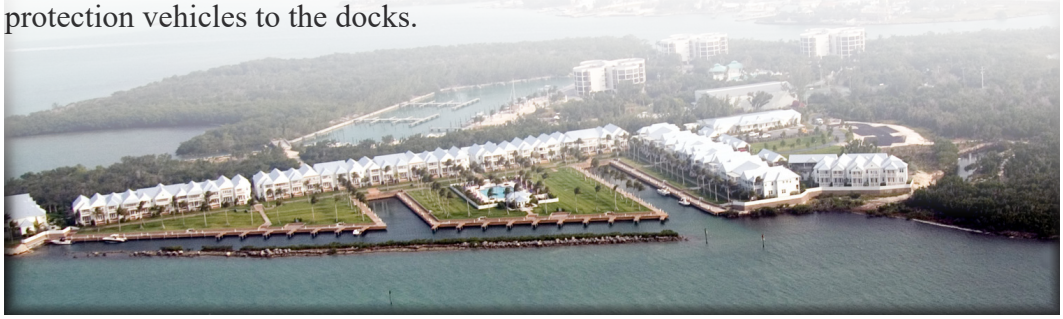
MARATHON
Indigo Reef

WEC provided complete site and structural design, permitting and construction contract administration for this 67-unit waterfront resort and 67 slip marina on Florida Bay.

Engineering design services and services during construction were provided for nearly every phase of this project including site, stormwater drainage and treatment, water distribution, wastewater collection and treatment facilities, docks, seawalls, environmental permitting and structural design for all the homes and common facilities.

The project is unique and complex as it was necessary to fill in part of the existing canals to construct the homes and to develop a solution to revive the remaining non-habitable canals. WEC prepared plans and specifications to permit the means and methods necessary to rejuvenate the seagrass and benthic communities throughout the canal system and prepared the design and specifications necessary to build a number of the high-end homes on top of nearly 35 feet of fill used to shorten the canals utilizing a combination of sheet piles, auger piles and grade beams.

Other design requirements unique to this project include upgrade of an existing wastewater treatment plant to 2010 BAT standards and construction of a complex underground stormwater retention area to provide necessary treatment prior to discharge to the aquatic preserve. WEC also worked with the local fire department to provide fire protection to the dock areas utilizing a dry line standpipe system as the density and the unique shape of the property precluded adequate access for fire protection vehicles to the docks.



COLLIER-SEMINOLE STATE PARK

Dock, Boardwalk & Seawall Assessment & Alteration

Weiler Engineering provided civil and structural design for improvements at the Collier-Seminole State Park Boat Basin. An existing 520' seawall and wooden dock dating to the early 1960's at the Park's Boat Basin was in disrepair. WEC conducted and coordinated structural inspections including lead/asbestos testing of the existing facilities and provided a report of findings and recommendations for repairs and/or replacement of the seawall, and demolition of the wooden dock which was beyond repair. WEC also provided design improvements, to include a floating dock with gangway, seawall improvements, an ADA accessible fishing platform at the site, and an ADA accessible kayak launch with parking. WEC also provided improvements to upland facilities including revisions to the parking, additions of ADA spaces, and addition of a 483' sidewalk with handrail incorporated into seawall. Due to WEC's structural assessment and findings related to the dock, boardwalk, and seawall, FDEP was able to avoid complete replacement, in favor of a much less costly repair and rehabilitation recommended by WEC. These recommendations proved sound, as the existing seawall recently survived a direct landfall by Irma with no damage.

DESOTO COUNTY

Lettuce Lake Boat Ramp

This project included a new double wide boat ramp including floating docks, parking, stormwater facilities and amenities. This ramp design is known as the easiest boater access in DeSoto County. WEC analyzed the available upland area and was able to make long grade transitions from the uplands to the ramp slope. The gradual grade brakes to the 15° ramp slope make the approach smooth and easy set up to both lanes. To prevent damage from toe scour due to power loading, WEC extended the ramp under the mud line and supported the toe of the ramp on pilings.

A design method that has proved effective against cavities forming at the toe of the ramp. Permits were required from the Army Corps and FDEP and the project was funded by FWC. Under separate work authorization, WEC design and provided CEI for a restroom facility in this park. WEC also provided grant management, permit compliance and owner's representative services and provided construction engineering and inspection.

STOCK ISLAND
Stock Island Marina Village

Stock Island Marina Village is the largest deep-water marina in the Florida Keys, with 220 slips that can accommodate vessels up to 300 feet, advanced concrete floating docks and land piers, water, in-slip pump-out, fueling facilities, and much more. WEC was able to obtain the largest Clean Vessel Act Grant issued in the state of Florida in the amount of $1,200,000 (75% of construction cost) for the in-slip pump out services provided for each slip.

The permitting of this marina brought many challenges due to the fact that the proposed development would increase the existing number of slips and add fuel facilities to Safe Harbor which is recognized and monitored for its degrading water quality. A full environmental assessment of the waterway was required which involved obtaining a benthic survey and reviewing the pre– versus post– development environmental impacts. In order to improve water quality WEC designed an in-slip vacuum sewer system for waste disposal and proper fueling facilities per FDEP standards and obtained a CVA Grant for the construction.

WEC also provided design and structural engineering for the Captain's Lounge, which serves as a ship store with an upstairs lounge, and the check-in point for boats entering the marina for fueling and docking facilities.

The fuel pump system provided at this marina alone is impressive. It is the fastest fueling system located in the Keys. It houses 60,000 gallons of fuel pumping at a maximum rate of 80 GPM for diesel and 28 GPM for gasoline.

A. Schedule

1. Techniques planned to assure schedule is met

WEC has been involved in many similar projects in and around Charlotte County. The two main components that affect the schedule on a project like this are the permitting component and the FEMA involvement.WEC has developed an expertise in these areas as they relate to coastal projects and has developed proven strategies for success.

Expediting Permitting Processes

Typically, the longest review period for in-water work comes from the federal review by the Army Corps of Engineers. Where possible, projects may be able to avoid Army Corps Jurisdiction by avoiding surface water and wetland impacts; however, in this case, it is assumed that the Army Corps permitting will be required as the project will affect the mean high water line. Recently, WEC was successful at obtaining the seawall replacement permit for three locations within the nearby Live Oak Point Park project permitted by Army Corps in as few as seven days. While this is atypical, there are numerous methods WEC has implemented in order to expedite the Army Corps review process.

- ◊ **Scheduling of pre-application early on in the design phase** - Currently Army Corps pre-app meetings are taking in excess of one month to schedule. Requesting these from day 1 will expedite the scheduling and the meeting will help bring the reviewer and the design team in coordination.
- ◊ **Understanding the requirements of the appropriate Nationwide Permit** – Nationwide permitting authorization may change over time, and it is important to understand the activities that are authorized under various permits. Examples pertinent to this project include
  - Limitations on the resulting modification to the mean high-water line by clearly demonstrating that the new seawall will be at the same location or if needed, within 18-inches waterward of the existing.
  - Limiting adverse effects to mangroves by specifying overstory trimming only and no proproot damage.
  - Implementation of adequate turbidity control and monitoring requirements into the Contract Plans.
- ◊ **Early submission of permit application –** Designs do not need to be at 60 to 90 percent detail level for Army Corps review and approval.Too much detail can bog down the review process. ACOE is not interested in much detail on the upland improvements, the reinforcing steel in the wall and cap, the seawall embedment or the tie back system. Basic plans showing the location of the wall in relation to the existing wall and MHWE and wetlands, the general type of seawall, mangrove trimming if needed and the allowable installation methods are typically sufficient. Special details can be developed around the 30% plan level to allow for submission of permit application earlier in the process than is often done.

This project will also require a permit from either the FDEP or SWFWMD. these permits are subject to state mandated review times, much of the same strategies can be implemented to accelerate the permitting time frame. Early pre-application meeting, understanding the elements required for review, submission of permit applications early, coordination with Environmental Reviewers for the required site visit, and complete application packages are all strategies that aide in consolidating the review time of the project.

FEMA Involvement

Through 14 years of serving as DeSoto County's Engineering Consultant, Mike Giardullo and WEC have developed a unique understanding of the intricacies of FEMA funding projects. Recently, through post event coordination

from Hurricane Irma, Hurricane Ian and Hurricane Idalia, WEC has developed a working **knowledge of FEMA processes**. From the day following Hurricane Ian, WEC staff assisted in staffing the County's EOC, provided **detailed damage assessments**, wrote mission requests, and coordinated with FEMA staff. Our team worked with FEMA to assist in emergency contracting of roadway bridge repairs. We then met with FEMA's PDGM and other representatives to perform site visits to agree to damage often coordinating with representatives for the **mitigation** and helped get funding for numerous projects including roadway repairs, bridge repairs, culvert crossings, and building repairs. Over time we have worked with FEMA throughout the process to ensure the design efforts comply with their requirements, aiding in the procurement of contractors and documenting construction activities.To date, WEC has provided **Construction Management and CEI services for over 7.25 miles of seawalls replaced by the City of Punta Gorda**. One of our primary responsibilities is to ensure the required documentation is in place to **secure reimbursement from FEMA.**

Weiler Engineering relies on communication and effective leadership to reach our goal of completing a project on time and within budget. Our project manager and project team are committed to using these tools to ensure the success of such projects.

The Englewood Beach Boardwalk & Walkovers project is comprised of multi-disciplinary tasks, civil engineering, surveying, structural design, and environmental consulting, that will need to be coordinated. We know and understand the need to carefully plan and keep the task schedule for sequencing in order to achieve a cohesive project. The importance of sequencing applies to both design and permitting and the construction schedule.

- **Kick off Meeting with Charlotte County & Stakeholders-** The first step we must take is to meet with Charlotte County to collaborate on a project schedule. During this meeting we will discuss the stakeholder's expectations, goals, budgets, permits, constraints, and any other factors or information our team needs to make this project successful. Once all parities convey all the peripheral elements of the project, we can begin to plan and implement a realistic and workable schedule. Effective project schedules are created by determining each task required for the project, what resources are necessary to complete the task and how to execute each task. The task list is then prioritized with the interdependencies between the tasks identified and documented within the proposed project schedule. The initial schedule is an estimate which is continually updated as each task is completed and as information affecting the task completion dates is received. Our team for this project is built on the principle that each task group working will have responsibility in completing their portion of the task accurately and on time, but our team management is organized so that communication between work groups will be on-going at every step.
- **Progress Meetings with Charlotte County -** Charlotte County staff and our team will have appropriate planning and progress meetings to review the schedule, issues, calculations, plans, deliverables, permits, etc. The time, frequency, and place of these meetings will be determined when the initial project schedule is made and adjusted as needed. It is our experience that these meetings occur more frequently at project kick-off and towards the completion of the project. Minutes are kept and distributed with notes, statements, direction, and adjustments as needed.
- **Monthly Status Reports -** We will make it a priority to issue monthly progress reports with an updated project schedule, regardless of the amount of activity, to ensure open dialogue with the County and regulatory agencies. This technique will prove valuable to the County as they keep the residents and businesses in the area updated on the project status. The reports will include the status for each task and any issues that might be of concern for the overall schedule.
- **Simultaneous Scheduling -** Having a robust team of professionals and resources like ours; we propose to have teams working together including survey crews, experienced CAD teams, and will utilize simultaneous permitting applications in order to assure scheduling is on-point. Being able to take advantage of multi-tasking different disciplines in the early stages will save time when the

project is near complete. Each task for this project requires a broad range of time for design and permitting. However, it is important to also make sure each step is completed in sync with the other tasks so no redesign or conflicts occur during the process.

- ◊ **Quality Control -** Our project teams have internal controls to keep the resources and goals of each project focused and scheduled. These reviews and meetings allow us to analyze each task and work out critical issues and constraints, and level or supplement resources. Senior professionals in the company conduct independent peer reviews and critiques.
- ◊ **Other Agency or Utilities Coordination -** Our team often works on projects in which coordination must be made with non-Charlotte County agencies and/or private utilities. Not coordinating with some of these entities can cause significant delays to a project. We will cross-coordinate with these entities to ensure no delays occur. We have the relationships (and contact information) with the field personnel and management of these entities and will maintain constant updating and contact throughout the project.

2. Parties Responsible for Adherence to Schedule

Our team has worked with Charlotte County on numerous projects and understands the needs and wants of the County. As the project manager between Charlotte County and the project team, Brian Corso will ensure these techniques are used in order to keep the project on schedule and on-task. Our philosophy is "say what you are going to do, do what you say". Mike is regularly available, and in the event he is not, Ashlie Maberino will be available.We intend to meet our schedule, if any issues arise, such as permitting delays, we will be in immediate coordination with the County.

B. Cost

1. What Control Techniques are Planned?

As the Project Manager, Michael Giardullo will be responsible for cost control and will utilize his expertise on similar projects to ensure each task is completed and designed to the appropriate budget and scope. Cost control techniques utilized in project management by Weiler Engineering include:

- ◊ **Understanding of Scope -** The scope of services defines the County's objectives and our services. In the scoping meeting, Michael Giardullo will work with the County to lay out the scope of work. This becomes the binding document upon which budget, schedule and quality are based. We will be monitoring the scope, which in turn means we will be monitoring costs and schedule.
- ◊ **Schedule -** The technique of controlling costs through the schedule is important. Time or cost constraints will not be allowed to compromise quality. Realistic schedules will allow WEC to manage resources and team members to address the project appropriately.
- ◊ **Cost Database -** WEC has designed numerous boardwalk projects within Charlotte County and the surrounding areas. Our most recent projects with Charlotte County include Ponce De Leon Boardwalk and Park Redesign and Gasparilla Island State Park Boardwalk. We have and continue to gather bid prices for projects in Charlotte County and surrounding areas to assist with providing an accurate cost estimate. We have started a cost data base that consists of these bid prices, FDOT historical costs, and RSMeans data.
- ◊ **Past Experience and Alternative Methods –** WEC's past experience with seawall repair projects include many projects throughout Charlotte County, surrounding counties, and the Florida Keys. We have provided design and estimates for different design alternatives for seawall repair projects including traditional concrete seawalls with tie backs, cantilevered concrete walls, steel sheet panels, and vinyl sheet panels. Our past experience has allowed us to develop strong working relationships with many local marine contractors. These relationships allow us to seek input on our designs for constructability and cost effectiveness from companies who install such seawall systems regularly.

◊ **Construction Management -** Strict quality control during design and accurate specifications are key factors in minimizing change order claims. To help maintain the contracted budget our Construction Manager and Inspector are experienced with current construction techniques and will assist in reviewing the project to identify any necessary design modifications. Each task member understands the importance of providing high quality documents so there are not any issues during construction and no additional costs.

2. Ability to Meet Project Cost Control

The above cost control techniques will help our team stay within the negotiated cost for the design and permitting of the project as well as the construction budget. We take pride in our ability to fairly scope out a project, negotiate a fee, and stay within our budget to deliver the project to the expectations of the client. On occasion, there are projects which require a slight change in design direction once it has started due to unforeseen circumstances or to accommodate a stakeholder. Even during these types of changes, we have been able to accommodate the staff's request at no additional design cost or change of scope for the project. Our team has performed projects for the County and other local government agencies utilizing these techniques successfully. Whether it was the Sunset Boulevard sidewalk and Marathon Boulevard pathway projects or the Loveland Boulevard Multi-use Pathway project; our team members have consistently demonstrated the ability to meet project cost controls while maintaining a high-quality project through design and construction.

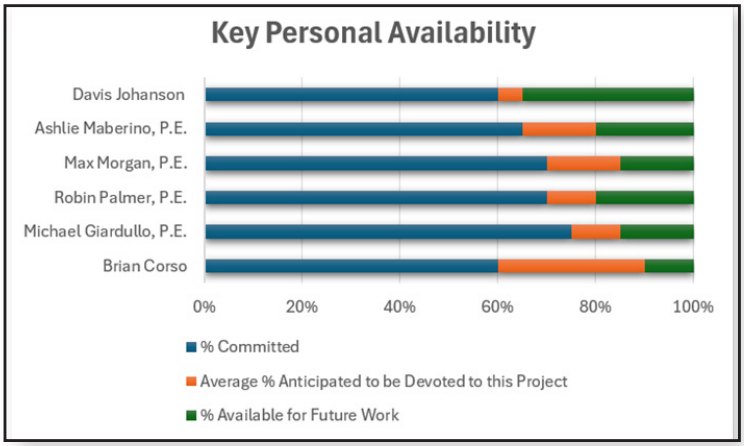
C. Recent, Current, and Proposed Workload

Charlotte County has entrusted us with many projects, many of which the key project individuals are not engaging in heavy workload for example:

- Bayshore Live Oak Park Seawall - This project is currently under design with the 60% submission anticipated well ahead of schedule.
- Live Oak Point Park – 100% plans are complete. Project is waiting on a FPL easement which is currently being routed for final signatures
- William R. Gaines is an active project, but the design is complete. Phase 1 construction is complete, and Phase 2 will go sometime in the future.
- Darst Park Improvements – This project is currently in the final phases of design and permitting. Once the FDEP permit is obtained, 100% plans will be issued.

The timing for this project is perfect. We have the bandwidth to ensure the needs of the County and the residents that use Englewood Beach Boardwalk & Walkovers are met. The below chart depicts the availability of key staff members from WEC. In addition to the persons listed below, there is additional office staff available to complete the project within the allocated timeframe to maintain efficiency throughout the completion of the project.

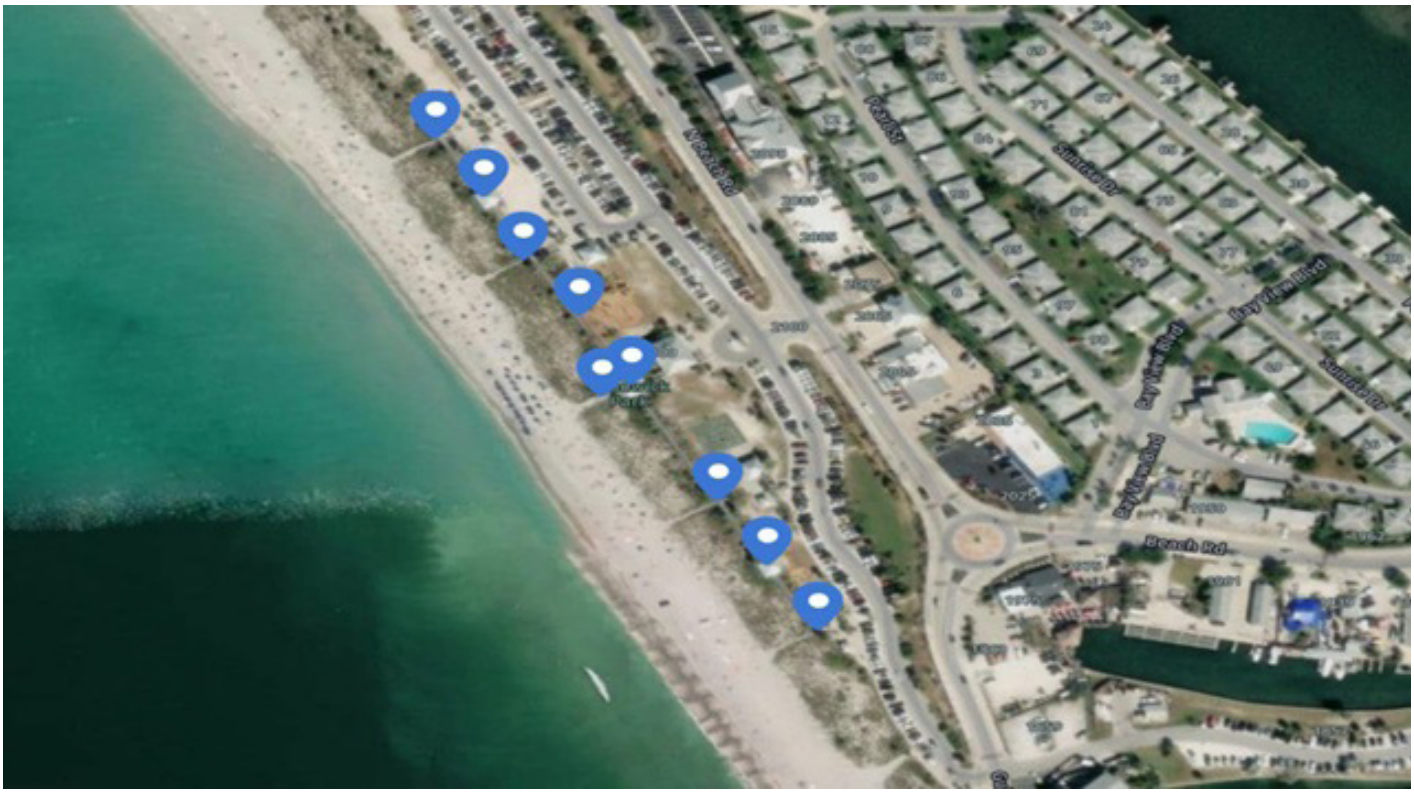
Our team will devote the time needed to get this project done as fast as possible. There may be times when we need to focus 100% on this project like if we get an RAI, but generally, it will not take our team 100% of our day to complete. project will not cause a work overload that would affect this project or our ability to handle current or future work.



V. Proposed Design Approach

A. Design Methodology

WEC conducted comprehensive site investigations on Feb 6 2024,August 6, 2024 and Feb 7 2025 , as part of structural evaluations for Charlotte County the Englewood Beach recovery project. These assessments were performed to determine the condition and structural integrity of the existing boardwalks, Pavilions, dune walkovers, and related infrastructure. WEC performed detailed on-site inspections of all accessible structural elements to ensure a complete understanding of the current conditions. In addition to visual assessments, destructive testing using an IML penetrometer was carried out to evaluate the internal condition of the timber piles and to detect any concealed deterioration or section loss. The data collected during the initial and subsequent investigations serve as the foundation for our engineering analysis and proposed repair strategy. All recommendations are based on observed field conditions and are designed to ensure compliance with the Florida Building Code, ADA accessibility requirements, and to promote long-term durability in a coastal environment.



Englewood Beach Overview

Selections of Alternatives

Weiler Engineering Corporation (WEC) recommends using Pressure-Treated Southern Yellow Pine (PT-SYP) for structural framing elements such as stringers joists and beams due to its structural strength cost and availability; however, as it is prone to decay has limited life expectancy in coastal environments. A good alternative for exposed surfaces such as decking and guardrails, where budget allows would be HDPE and High-Density Polyethylene (HDPE) which offers enhanced durability, resistance to moisture, UV exposure, and biological degradation, and requires little to no maintenance. HDPE, in particular, provides superior dimensional stability and does not splinter or rot, unlike traditional wood. For fasteners and connectors, WEC recommends Type 316 stainless steel where budget allow instead of hot-dip galvanized steel, or Zmax G185,or SS 304 stainless as 316 stainless steel offers significantly better corrosion resistance in salt-laden air and extends the life of connections. For guardrail systems, WEC recommends over conventional 0.6 ACQ pressure with HDPE cap rails 0.40 ACQ wood rails; susceptible to rot, and require less maintenance.

Proposed Scope Of Work and Recommendations

Weiler Engineering Corporation (WEC) proposes a focused repair strategy to address structural deficiencies identified at the pavilion and overlook structures at Englewood Beach. While the primary structure are generally in serviceable condition, several components require attention to ensure continued safety and compliance. The connecting Board walk should be replaced and guardrails updated.

Pavilion Repairs

- **Replacement of Deteriorated Timber Components**
  WEC recommends the removal and replacement of all timber elements that exhibit signs of significant structural deterioration, including extensive splitting, fungal decay, and section loss. Specifically, this includes multiple 2x12 clamps and 2x8 stringers observed in both the boardwalk and pavilion structures. These members are essential to the structural integrity of elevated walking surfaces and framing. Additionally, select timber piles that have experienced internal degradation, as confirmed by destructive testing using an IML penetrometer and should also be replaced to preserve load-bearing capacity. The replacement materials shall be pressure-treated, marine-grade structural lumber or HDPE appropriate for coastal conditions and shall meet or exceed the applicable structural performance standards.

- **Reinforcement of Roof Trusses and Subcomponents**
  At all three overlook pavilions, WEC observed prefabricated trusses that have developed splits, cracks and checks . To restore the structural capacity of these members, we recommend the installation of, 2x4 sister boards along the vertical face of each compromised rafter. Additionally, 1x4 roof slats exhibiting splitting or inadequate fastening should be removed and replaced or re-secured at uniform 24-inch centers. This measure will enhance the structure and ensure that aesthetic finishes do not compromise performance. Replacement of the metal drip edges, particularly where corrosion is visible, is also advised to prevent future water intrusion and deterioration of roof framing members.

Boardwalk Replacement

All board walks where severely damaged and will require replacement. Where repair is possible new fasteners, decking and guard are anticipated.

- **Replacement of Severely Corroded Connectors and Fasteners**
  Numerous metal hardware components, including galvanized hurricane ties, through-bolts, and joist hangers, have exhibited varying degrees of corrosion, with some showing advanced material loss or complete failure. Of particular concern are the multiple-truss hip/jack hangers located at the corners of all three overlook pavilions. These components are critical to roof framing integrity and should be replaced with corrosion-resistant connectors designed for marine environments. WEC further recommends that all replacement fasteners be of compatible material and installed per manufacturer specifications to avoid galvanic corrosion and ensure structural longevity.

- **Guardrail System Modernization**
  Throughout the boardwalks, pavilions overlooks and walkovers, the existing guardrail systems utilize horizontal rails fastened to the outside of supporting stanchions. This configuration has led to issues with fasteners and where pickets are not utilized or cannot withstand 50 psf of lateral load they shall be replaced as they may may pose a fall hazard for small children. WEC recommends full removal and replacement of deteriorated top rails (2x8), horizontal members (2x6), and vertical pickets (2x2). All new guardrail assemblies should be constructed in accordance with current FBC requirements , with interior-mounted connections for enhanced strength and safety to meet compliance standards and reduce fall risks.

- **Restoration of ADA Accessibility Compliance**
  WEC identified several ADA accessibility concerns due to site elevation changes caused by natural sand migration. Many of the aluminum handrails at Dune Walkovers B, C, and D no longer meet minimum required heights, having been partially buried. To restore compliance, WEC recommends either removing sand from the base of the ramps or raising the ramp elevations to re-establish compliant slopes and vertical clearances. Handrails should be adjusted and re-secured at code-compliant heights, and all accessible pathways should be reviewed for slope, width, and surfacing in accordance with ADA Standards for Accessible Design.

Phasing

The Englewood Beach boardwalk and associated structures have experienced ongoing deterioration from prolonged environmental exposure, including fungal decay, salt corrosion, and structural wear, all of which impact safety and compliance with current codes. No phasing is anticipated for the repairs. The first task will be demolition and removal of proposed components and members. New piles will be driven where required and board walks will be reframed where demolished. Restoration work will begin with the replacement of severely corroded hurricane ties, truss hangers, fasteners, and through-bolts, along with replacement of timber clamps and stringers showing advanced splitting and decay. Next roof trusses at the overlook pavilions will be reinforced with 2x4 sister boards to restore structural capacity. Following these priority repairs, deteriorated guardrails at pavilions and dune walkovers will be removed and reconstructed using materials and designs compliant with the Florida Building Code. ADA accessibility will be restored by adjusting handrail heights and removing accumulated sand at ramps and walkways to reestablish compliant slopes and clearances. Repairs to the pavilion roofs will then be completed, including replacement of corroded truss hangers, drip edge flashing, and damaged slats. The project will conclude with final inspections, resolution of outstanding items, cleanup of the work areas, and submission of as-built documentation to Charlotte County, ensuring long-term safety, functionality, and code compliance across the site.

B. Anticipated Problems

Weiler Engineering Corporation anticipates some challenges may arise during the execution of structural repairs at Englewood Beach, informed by existing site conditions and our experience with similar coastal projects. Access limitations beneath the boardwalk and dune walkovers may complicate the removal and replacement of structural elements such as joist beams , stringers, and piles. During demolition, additional unseen deterioration particularly within concealed timber members and corroded hardware may be revealed, potentially increasing the scope of repairs. The project's coastal location introduces a heightened risk of hardware corrosion, requiring careful material selection and installation practices to ensure long-term performance and code compliance.

Maintaining safe public access to the beach throughout construction will require strategic MOT efforts, including the use of signage, rerouting pathways, and implementing temporary closures. Shifting sand conditions may also present challenges, especially at ramps and walkovers where accessibility must be restored and maintained in compliance with ADA standards. Integrating new guardrails and decking with existing materials may necessitate minor modifications to preserve consistency. Furthermore, the site's designation within the Manasota Environmental Sensitive (MES) zone introduces regulatory considerations that may impact construction and timing. Seasonal weather patterns and potential wildlife activity could further influence the project schedule. WEC will work closely with Charlotte County to proactively manage these risks and ensure successful project delivery.

Problems and Solutions

Areas of limited access may require temporary removal of decking or framing members This should be done early and further assessment of joists and hangers can be done at that time. Add alternates can be built into the plans to address the unknown diductors unit costs. Detailed BMP and MOT plans will be included and at project kick off the contractor will discuss staging and access with county and WEC pre application meetings with regulations.

WEILER ENGINEERING CORPORATION

WEC

An Apex Company

VI. Recently Accomplished Similar Projects

A. Describe the Projects to Demonstrate

Throughout this RFP response WEC has referenced many examples of similar work performed for marine and seawall and projects involving construction managers at risk and grant funded projects. Please refer to Section III for specific projects and descriptions. Please also refer to Section VII for additional projects.

1. Schedule Control and Cost Control

The Sombrero Beach Road project offers an example of a project which required a challenging schedule in order to meet FDOT LAP funding deadlines and requirements. In order to meet the deadlines, WEC staff began the project by identifying crucial submittal deadlines and establishing a 4-5 day period prior to the deadline for completion of internal design and review processes. The early internal deadlines allowed additional time for any final value engineering that might be needed, or simply to submit the project early and advance the overall schedule. By advancing the schedule, we were able to help Marathon publicize bid documents, select a contractor, and kick-off construction prior to the rainy season months of late summer.

Cost control can come in two forms, on the design expenses or construction side. As a local consultant with over 75% of employees who live and pay taxes in Charlotte County, we understand the County's charge to reduce or eliminate change orders. This applies to both the design and construction side. At WEC, we monitor estimated costs at every step of the process to ensure we remain on target to the client's budget. In a recent example with Charlotte County, Veteran's Memorial Park at G.C. Herring Park, WEC worked with the County and designated Contractor to establish a design-build project. By incorporating all parties from the beginning WEC was able to determine with the Contractor, an accurate estimated cost for construction. By doing so we are able to determine which amenities could be constructed while still providing an overall sense of being for the remembrance of the local fallen soldiers. This project was a huge success for WEC, the Contractor, the County, and the local Veteran's.

Our experienced team employs value engineering techniques throughout project development and construction management. For example, WEC provided alternative materials and design elements for the Harborwalk project in Punta Gorda. This allowed the City to receive alternate bids and select which item they preferred depending on benefit-cost review. This flexibility in the construction documents for materials and construction technique allowed for the contractor to utilize creativity in their bid to achieve cost savings in bidding and time savings in schedule. The decision for flexibility in the construction material was determined during the initial scoping meeting and carried throughout the design phase.

2. Construction Problems and Means Taken to Solve Them

On rare occasions and despite our best efforts, unforeseen conditions may arise. As a leader in CEI services, WEC staff has been involved with every facet of construction. Our current team includes Michael Giardullo, P.E. and John Meneely who has held the role as construction inspector for over 20 years and is highly qualified for seawall inspections. Each of our team members have faced and successfully addressed adversity during construction of major projects.

One example includes the City of Punta Gorda - Harborwalk Zone 7 which was recently constructed and was completed with total change orders of less than 3% of the project budget. During construction of the crosswalks the contractor located abandoned utility pipes that were over 100 years old and had no current as-built records. WEC assisted the City in negotiating the contractors fee for removal of such pipes to reduce the total change orders significantly. WEC also provided redesign of one crosswalk at no cost in order to help lower the cost of the change order for the City.

3. Additional Construction Costs Caused by Design Deficiencies, Not Program Changes

WEC has not been party to any claims or design deficiencies related to our projects. Many of our projects receive program changes based on cost-savings options that have been identified throughout the design phase or owner elected changes to additional improvement when surplus funding is available.

4. Projects Delivering Seawalls (Boardwalk, Piers and Similar Structures)

While WEC has extensive seawall design, permitting and CEI experience, it is our understanding that Charlotte County would prefer us to expand on our boardwalk, pier and similar structure experience. WEC has completed the design and permitting and construction support for many relevant projects in Florida and understands how to overcome obstacles to complete these projects on time and within budget. Below is a list of recent boardwalks, piers, beach accesses and similar structures which WEC has completed or is currently under contract.

- ◊ 13 Hurricane Ian Boardwalk Replacements - Owner: Lee County
- ◊ Gasparilla Island State Park Boardwalk - Owner: FDEP
- ◊ Key Tree Cactus Preserve Boardwalk - Owner: Village of Islamorda
- ◊ FDEP Bahia Honda Dune Crossovers - Owner: FDEP
- ◊ Anne's Beach Boardwalk - Owner: Village of Islamorada
- ◊ Brigg's Boardwalk - Owner: FDEP
- ◊ Ponce De Leon Boardwalk and Park Redesign - Owner: City of Punta Gorda
- ◊ Ponce De Leon Seawall and Fishing Pier Repairs - Owner: City of Punta Gorda
- ◊ John Pennekamp Coral Reef State Park Wood Pedestrian Bridge - Owner: FDEP
- ◊ John Pennekamp Coral Reef State Park Mangrove Trail Boardwalk - Owner: FDEP
- ◊ William R. Gaines Jr. Veterans Memorial Park Boardwalks and Improvements - Owner: Charlotte County
- ◊ Harborwalk Bridge at Laishley Park Boat Ramp - Owner: City of Punta Gorda
- ◊ Harbor Heights Park Day Docks - Owner: Charlotte County
- ◊ Collier Seminole State Park Fishing Platform - Owner: FDEP
- ◊ Honeymoon Island State Park Pet Boardwalk - Owner: FDEP
- ◊ Sombrero Beach Dune Restoration - Owner: City of Marathon
- ◊ Coco Plum Beach Dune Restoration - Owner: City of Marathon
- ◊ Coco Plum Parking Lot, Restroom and Beach Access - Owner: City of Marathon
- ◊ Port Charlotte Beach Park Erosion Repairs - Owner: Charlotte County
- ◊ Cayo Costa State Park Wood ADA Ramp - Owner: FDEP
- ◊ Oscar Scherer State Park Wood ADA Ramp - Owner: FDEP
- ◊ Ft Pierce State Park Wood ADA Ramp - Owner: FDEP
- ◊ John Pennekamp Coral Reef State Park Wood ADA Ramp - Owner: FDEP
- ◊ Lignumvitae Key Botanical State Park Dock Repair - Owner: FDEP
- ◊ Lignumvitae Key Botanical State Park Service Dock Replacement - Owner: FDEP

The above list of seawall projects are just a sampling of recently completed or ongoing projects. Most importantly all the projects list above were performed by the same key personnel proposed for this RFP. The vast majority have been managed by our proposed project manager, Mike Giardullo, PE.

VII. Experience & Capabilities

A. Value Engineering

WEC employes value engineering to every aspect of the approach for a project. WEC believes that being able to provide cost saving alternatives for the client is the most important aspect of the design process. WEC understands that quality should never be sacrificed when there is a goal in mind but with the combined experience of the team, WEC staff is always able to curate a design that takes into account all aspects of the client's vision while staying withing budget and providing cost saving solutions if any issues arise.

The following is a small summary of recent experiences with cost analysis for seawall projects:

- ◊ **Charlotte County's Live Oak Point Seawall Assessment** - WEC provided alternatives for seawall repairs with cost estimates.
- ◊ **Charlotte County's Darst Park** - WEC just submitted 60% documents which include multiple types of seawalls within the project area for cost benefit.
- ◊ **DeSoto County Nocatee Boat Ramp Seawall Repair** - WEC analyzed shoreline stabilization alternatives to repair damage caused by Hurricane Ian and utilized a steel sheet pipe option.
- ◊ **Punta Gorda Burnt Store Lock Widening** - WEC was responsible for preliminary cost analysis and selected a vinyl wall with plate tie backs due to available working room and ease of access.
- ◊ **Ocean's Edge Resor**t - WEC reviewed dive photos and provided a cost effective toe wall design using vinyl panels and flowable fill in order to resolve voids and protect the wall.

B. Cost Analysis and Control

WEC works well under the current Charlotte County format, which includes working with the County's Construction Manager at Risk. Our proposed staff worked under similar conditions during the Veterans Park design. During the design for the Veterans Memorial Park, we coordinated with the CM and staff on regular updates to costs and timing for permitting. The costs were an important control factor due to the limited budget. Throughout the project, WEC staff, County staff, and the CM identified issues, worked through alternative methods and materials, and came to agreement on the final product, which was delivered under budget.

In addition to working with the CM and identifying potential savings throughout design, WEC provides a particular focus on life-cycle cost analysis on every project. Cheaper is not always better. In harsh environments and conditions, consideration of materials is a critical component of design. Extending the life-cycle of a project as a means of reducing maintenance costs is a high priority for our staff. Our experience in salt water and environmentally sensitive conditions provides us the experience to work with the staff and identify materials that truly work. This approach works well with the County's facilities plan and will produce a more cost-effective project over its life. This approach has been applied to many projects, including our Stock Island Marina Village redevelopment, Kiwanis Park, Harbour Heights Seawall Replacement, Punta Gorda's Harborwalk, and numerous other examples. It is a standard practice during our design efforts.

C. Life Cycle Cost Analysis

WEC pairs the necessity for value engineering with the materials chosen for a project. Typically, the most important factor in determining Life Cycle Cost analysis is the position of the client and relation to the project. It is common that some materials are more beneficial to use in some areas rather than others. When choosing a material, WEC will weigh the desired result of the project with the location, cost, and longevity of the material.

WEC is currently working with FDEP on many projects that require weighing the longevity of a product versus the cost. Some recent FDEP projects involving life cycle cost analysis include:

- ◊ **Brigg's Boardwalk Replacement** - WEC provided design alternatives for materials for the replacement of a 1/2mi long boardwalk through wetlands with cost estimate and life expectancy information for the client to make the best decision for their project. WEC analyzed the material suitability as well as construction methods for this environmentally sensitive project. This project is at the 60% design phase.
- ◊ **Little Manatee State Park Water Treatment System Repair/Replacement** - WEC assisted the FDEP a life cycle analysis on their existing potable water treatment system through cost comparisons and life expectancy for the hydropneumatic tank, storage tank, and aerator. The design process is complete and awaiting construction.
- ◊ **Collier-Seminole State Park** - WEC assisted the FDEP with a structural analysis on the existing boat basin seawall as well as a new dock, fishing platform, and ADA accessible kayak launch. WEC provided a life cycle analysis on the seawall to determine if repair or replacement was required. Design and construction have been completed on this project.
- ◊ **Lignumvitae Key Botanical Gardens State Park** - WEC provided several cost estimates for repair work to an existing dock that was damaged during Hurricane Irma. WEC was able to help the FDEP select the most cost effective repair process as well as selecting materials that would have longevity in the coastal setting. The design and construction are completed for this project.
- ◊ **John Pennekamp Coral Reef State Park** - WEC assisted the FDEP with evaluating an existing coastal restroom with extensive concrete spalling damage. WEC created a life cycle analysis for the restroom to assist the FDEP in whether or not to repair or replace the structure. The design portion of this project is complete and awaiting construction.

D. Environmental Assessment

Robin Palmer, P.E. will be heading the environmental assessments necessary for this project. WEC has is currently waiting on the final permits for the Live oak Point Park Improvements project on the northbound side of the US41 Bridge. This recent project has given provided us with what information the regulatory agencies are going to require. INC. would consult on the issue accordingly and aid the client in the next steps on how to proceed.

E. Permitting for Charlotte County

WEC has extensive experience with permitting projects in Charlotte County. This includes both public and private projects. Recent permitting of similar projects includes William R. Gaines Jr. Veterans Memorial Park Boardwalks, Live Oak Point Park Improvements, Harbor Heights Seawall Replacement, Harbor Heights Boat Ramp, Harbor Heights Park redesign, Veterans Park in Rotonda, and Charlotte Harbor Culvert replacement project. All permitting was completed without issue. Our public and private experience make us familiar with the DRC and County review process.

This project demands substantial environmental permitting experience. Many of our projects required consideration and preservation of important physical and environmental features. Critical items such as ensuring Best Management Practices are adhered to is one example of small steps that make a large impact. WEC also has a substantial environmental permitting track record in Charlotte County. A past project includes the Live Oak Point Park Improvements project on behalf of Charlotte County. WEC provided an in-depth assessment for the park in 2022 and is currently waiting on final permits to issue 100% plans. WEC was responsible for conducting meetings with SWFWMD, FDOT, FPL, and the Army Corp. of Engineers to establish the requirements for our specific projects to head off any unnecessary comments during the review.

Other projects include: Kiwanis Park was a similar project that required consideration of wetlands and native flora and fauna. As part of our task, WEC inspectors supervised the installation of native plants to supplement the wetlands that were impacted by the repair and replacement of the boardwalk improvements. WEC staff permitted the project through the County and SWFWMD. Also, WEC is currently working on the William R. Gaines Veterans Memorial Park project that entails the construction of mulch trails and boardwalks through wetlands. WEC is in the permitting process with SWFWMD and ACOE.

F. Specialized Marine/ Coastal Experience

Throughout this proposal, WEC has highlighted a wide variety of marine and coastal projects. In addition to seawalls, WEC has experience in many different types of marine projects. Below is short summary of the many project types each containing their own unique design and permitting challenges. All of these projects were handled by Michael Giardullo, P.E., our proposed project manager, and the other individuals proposed for this project.

- ◊ **New Seawalls** - DeSoto Morgan Park Steel Seawall Shoreline Stabilization and El Mar RV Resort on Stock Island
- ◊ **Seawall Replacement** - Punta Gorda Harborwalk Phase 2 Seawall Replacement and Punta Gorda Zone 7 Harborwalk Seawall Replacement
- ◊ **Seawall Repair** - Ocean's Edge Resort on Stock Island and Indigo Reef Resort in Marathon
- ◊ **New Boat Ramps** - DeSoto Veterans Memorial Park Boat Ramp and City of Marathon 33rd Street Boat Ramp
- ◊ **Boat Ramp Replacement** - Charlotte County Harbor Heights Boat Ramp and DeSoto County Lettuce Lake Boat Ramp
- ◊ **Mooring Fields** - City of Punta Gorda East Mooring Field
- ◊ **Docking Facilities** - Charlotte County Harbor Heights Day Docks and Stock Island Marina Village 363 Slip Marina
- ◊ **Beach Restoration** - City of Marathon Sombrero Beach Restoration and City of Marathon Coco Plum Beach Restoration
- ◊ **Fishing Piers** - City of Punta Gorda Gilchrist Park Fishing Pier and City of Punta Gorda Ponce De Leon Park Fishing Piers.
- ◊ **Mitigation of Wetland Impacts** - Charlotte County William R. Gaines Veterans Memorial Trail and Boardwalk and Gordon Drive Residential Mangrove Removal.

G. Working on Public and/or Government Facilities and Amenities

WEC focuses on serving a variety of local and state agencies. WEC has completed over 50 state park projects for the Florida Department of Environmental Protection through an ongoing services agreement over the past 10 years. WEC continues this relationship due to a track record of quality and on-time performance. The majority of these projects include coastal improvements, and many include in-water work. Also at the state level, WEC was recently awarded a continuing services contract with the Florida Fish and Wildlife Conservation Commission.

Locally, WEC has been serving Charlotte County for over 20 years and had demonstrated exceptional performance for a variety of projects for the Community Services Department as well as the Public Works Department. WEC has performed ongoing work for the City of Punta Gorda since 2008 and has also served as DeSoto County's Engineer since 2011. Ongoing relationships have been maintained with numerous other Cities and County. WEC's primary focus is in Southwest Florida and our method of earning new projects is through pleasing our clients on their current projects. Charlotte County is one of our most important clients and we look forward to continuing our relationship.

Lastly, WEC has extensive experience with all aspects of grant funded projects. WEC has written countless grants applications, provided grand support in the form of grant management and compliance specialist services, assisted in the reimbursement projects, and performed grant close out. Some examples of recent grants include Community Development Block Grants, FWC Boater Improvement Fund Program, FDEP Clean Vessel Act Grant, National Conservation Resources Commission Grants, FEMA reimbursement eligible activities, Charlotte County Marine Advisory Committee grant, multiple FDOT grants include Local Agency Program, Small County Outreach Program and Small County Road Assistance Program plus many other local, state and federal grant programs. As with all grant projects, understanding and adhering to grant requirements is paramount. WEC has documented compliance with the grant requirements throughout all phases of the projects.

WEILER ENGINEERING CORPORATION

WEC

An Apex Company

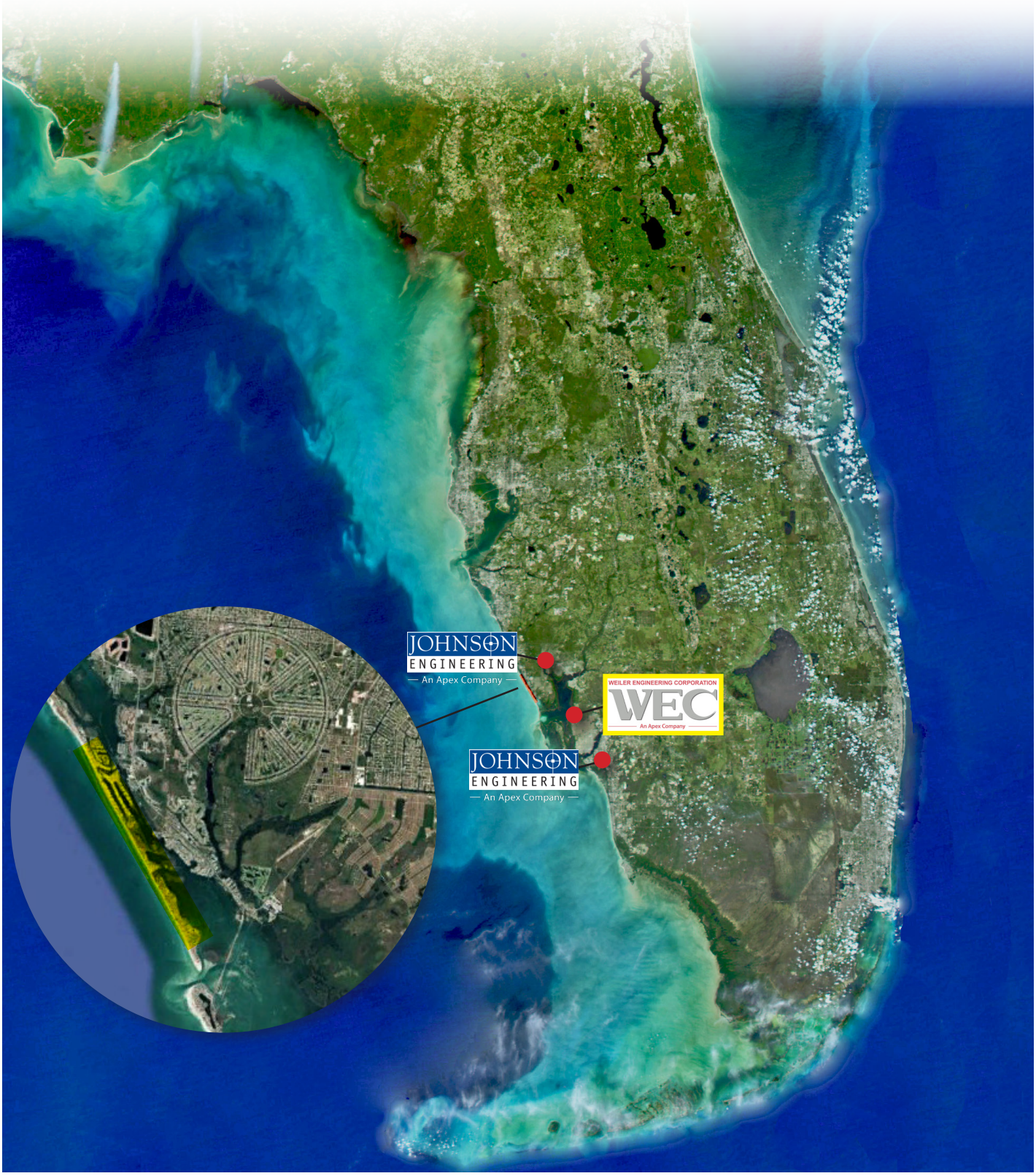
VIII. Volume of Work

Weiler Engineering's total amount of payments received from the County within the past 24 months: $697,915.05.

We are committed to Charlotte County and feel the volume of work that has been awarded to us is evidence of the County's satisfaction of our work.

IX. Location

WEC's corporate office is located at 201 W. Marion Avenue, Suite 1306, Punta Gorda, FL. We currently have thirty-two (32) employees in our Punta Gorda office, the majority of whom reside in Charlotte County. As part of the Apex family of companies we are partnered with Johnson Engineering and over 240 professionals throughout Florida.



X. Litigation

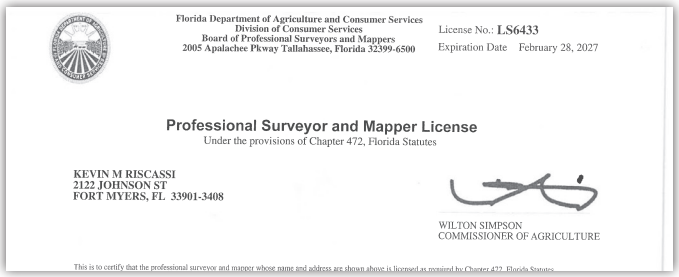
The Weiler Engineering Corporation has not been involved in any litigation relevant to the proposed project in the last 5 years.

XI. Minority Business

The Weiler Engineering Corporation is not a certified minority business. However, we take great pride in being an equal opportunity employer. Our goal is to establish a team in the best interest of our clients, while maintaining the standard of quality our firm and clients demand.

Once selected, we will work closely with Charlotte County in identifying other potential minority teaming opportunities.

Team Licenses



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

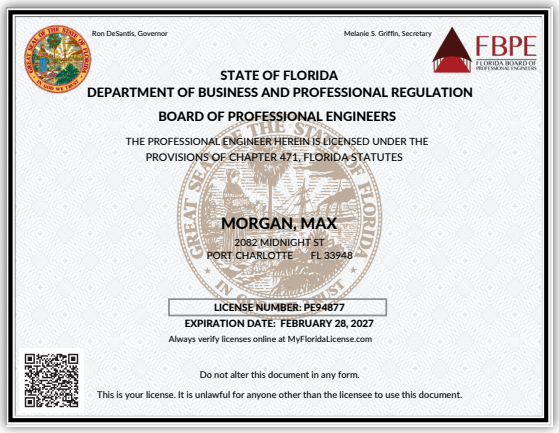
License No.: LS6433
Expiration Date February 28, 2027

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

KEVIN M RISCASSI
2122 JOHNSON ST
FORT MYERS, FL 33901-3408

WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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Melanie S. Griffin, Secretary
FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MORGAN, MAX
2082 MIDNIGHT ST
PORT CHARLOTTE FL 33948

LICENSE NUMBER: PE94877
EXPIRATION DATE: FEBRUARY 28, 2027
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PALMER, ROBIN CHRISTINE
6510 CLEVELAND DR
PUNTA GORDA FL 33982

LICENSE NUMBER: PE90050
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MABERINO, ASHLIE ANA PAULA
3683 BARTIGON AVENUE
NORTH PORT FL 34286

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GIARDULLO, MICHAEL JAMES
7524 PON KAN
PUNTA GORDA FL 33955

LICENSE NUMBER: PE70676
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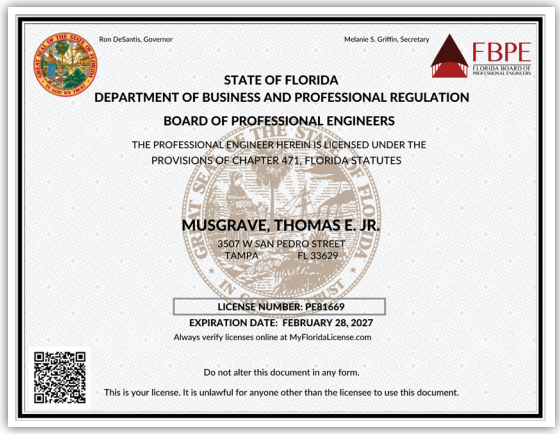

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Melanie S. Griffin, Secretary
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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MUSGRAVE, THOMAS E. JR.
3507 W SAN PEDRO STREET
TAMPA FL 33629

LICENSE NUMBER: PE81669
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PART V - SUBMITTAL FORMS
PROPOSAL SUBMITTAL SIGNATURE FORM

1.	Project Team Name and Title	Years experience	City of office individual will work out of for this project	City individual's office is normally located	City of individual's residence
	Brian Corso - Project Manager	11	Punta Gorda	Punta Gorda	Punta Gorda
	Michael J. Girdullo, PE, Principal-in-Charge/QA/QC	20	Punta Gorda	Punta Gorda	Punta Gorda
	Ashlie Maberino, PE, Civil Engineer	7	Punta Gorda	Punta Gorda	North Port
	Robin Palmer, PE - Planning & Environmental Engineer	11	Punta Gorda	Punta Gorda	Port Charlotte
	Max Morgan, PE - Structural Engineer	7	Punta Gorda	Punta Gorda	Punta Gorda
	Davis Johanson - CEI	5	Punta Gorda	Punta Gorda	Punta Gorda

2.	Magnitude of Company Operations	
	A) Total professional services fees received within last 24 months:	$ $697,915.05
	B) Number of similar projects started within last 24 months:	12
	C) Largest single project to date:	$ 15 million

3.	Magnitude of Charlotte County Projects	
	A) Number of current or scheduled County Projects	11
	B) Payments received from the County over the past 24 months (based upon executed contracts with the County).	$ $697,915.05

4.	Sub-Consultant(s) (if applicable)	Location	% of Work to be Provided	Services to be Provided
	Johnson Engineering, LLC	2122 Johnson Street Fort Myers, FL 33901	35%	Environmental & Survey/Mapping
	Tierra, Inc.	7351 Temple Terrace Hwy Tampa, FL 33637	7.5%	Geotechnical

5.	Disclosure of interest or involvement: List below all private sector clients with whom you have an active pending contract and who have an interest within the areas affected by this project. Also, include any properties or interests held by your firm, or officers of your firm, within the areas affected by this project.	
	Firm N/A	Address N/A
	Phone # N/A	Contact Name N/A
	Start Date N/A	Ending Date N/A
	Project Name/Description N/A	

NAME OF FIRM The Weiler Engineering Corporation

(This form must be completed and returned)

6. Minority Business:	**Yes** _____ **No** X
The County will consider the firm's status as an MBE or a certified MBE, and also the status of any sub-contractors or sub-consultants proposed to be utilized by the firm, within the evaluation process.	
Comments or Additional Information:	

The undersigned attests to his/her authority to submit this proposal and to bind the firm herein named to perform as per contract, if the firm is awarded the Contract by the County. The undersigned further certifies that he/she has read the Request for Proposal, Terms and Conditions, Insurance Requirements and any other documentation relating to this request and this proposal is submitted with full knowledge and understanding of the requirements and time constraints noted herein.

By signing this form, the proposer hereby declares that this proposal is made without collusion with any other person or entity submitting a proposal pursuant to this RFP.

In accordance with section 287.135, Florida Statutes, the undersigned certifies that the company is not on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and does not have business operations in Cuba or Syria (if applicable) or the Scrutinized Companies that Boycott Israel List, or is not participating in a boycott of Israel.

As Addenda are considered binding as if contained in the original specifications, it is critical that the Consultant acknowledge receipt of same. The submittal may be considered void if receipt of an addendum is not acknowledged.

Addendum No._____ Dated_____ Addendum No._____ Dated_____ Addendum No._____ Dated_____

Addendum No._____ Dated_____ Addendum No._____ Dated_____ Addendum No._____ Dated_____

Type of Organization (please check one): INDIVIDUAL (__) PARTNERSHIP (__)
CORPORATION (X) JOINT VENTURE (__)

The Weiler Engineering Corporation — Firm Name
(941) 505-1700 — Telephone

Fictitious or d/b/a Name
65-0413376 — Federal Employer Identification Number (FEIN)

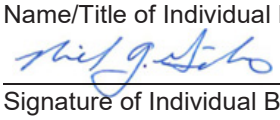
201 W. Marion Ave. Suite 1306 — Home Office Address

Punta Gorda, FL 33950 — City, State, Zip
32 — Number of Years in Business

Same as Above — Address: Office Servicing Charlotte County, other than above

Michael J. Girdullo, PE — Name/Title of your Charlotte County Rep.
(941) 505-1700 — Telephone

Michael J. Girdullo, PE, Director of Civil Engineering — Name/Title of Individual Binding Firm (Please Print)


Signature of Individual Binding Firm

May 22, 2025 — Date

mgiardullo@weilerengineering.org — Email Address

(This form must be completed & returned)

DRUG FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that The Weiler Engineering Corporation (name of business) does:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Proposer's Signature

May 22, 2025

Date

(This form must be completed & returned)

HUMAN TRAFFICKING AFFIDAVIT
for Nongovernmental Entities Pursuant To FS. §787.06

Charlotte County Contract #20250391

The undersigned on behalf of the entity listed below, (the "Nongovernmental Entity"), hereby attests under penalty of perjury as follows:

1. I am over the age of 18 and I have personal knowledge of the matters set forth except as otherwise set forth herein.

2. I am an officer or representative of the Nongovernmental Entity and authorized to provide this affidavit on the Company's behalf.

3. Nongovernmental Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes.

4. This declaration is made pursuant to Section 92.525, Florida Statutes. I understand that making a false statement in this declaration may subject me to criminal penalties.

Under penalties of perjury, I declare that I have read the foregoing Human Trafficking Affidavit and that the facts stated in it are true.

Further Affiant sayeth naught.

Signature

Michael J. Girdullo, PE
Printed Name

Director of Civil Engineering
Title

The Weiler Engineering Corporation
Nongovernmental Entity

May 22, 2025
Date

END OF PART V

NAME OF FIRM The Weiler Engineering Corporation

(This form must be completed and returned)