

Submitted By:

The Weiler Engineering Corporation, An Apex Company

201 W. Marion Avenue Suite 1306

Punta Gorda, FL 33950

Ph: (941) 505-1700 Fx: (941) 505 1702

Contact: Mike Giardullo, PE mgiardullo@weilerengineering.org



Qualifications to Provide

Charlotte County

DESIGN - PLACIDA FISHING PIER & APPROACH RFP No. 20250470 | June 16, 2025

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Rhiannon Mills, Senior Contract Specialist Charlotte County 18500 Murdock Circle, Suite 344 Port Charlotte, FL 33948

Re: Design - Placida Fishing Pier and Approach, RFP No. 20250470

Dear Selection Advisory Committee Members:

The Weiler Engineering Corporation (WEC) proudly presents our team's response to RFP NO.20250470 for the design of the Placida Fishing Pier Repairs. 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 and capabilities, and work together as a united team.

WEC has been responsible for new boardwalks, pavilions, boat ramps, seawalls, docks, and fishing piers within Charlotte Harbor. WEC also has extensive experience working with the FDOT on projects within the right-of-way of US 41 southbound bridge which is 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 other 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 fshing pier and boardwalk projects throughout the South Florida area including the FEMA repairs for Lee County, dozens of boardwalks, docks, and fishing piers for FDEP, and for the Cities of Islamorada, Marathon, and Key West. 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 permit 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 7th and July 16th, 2024 to investigate the extent of the damages. From these investigations, it is apparent that significant fungal decay, dry-rot, fire damage, and hurricane damage was done to this location. A site-specific design for the replacement or repair of each component will be required. Alternate materials such as galvanized or stainless strapping and fasteners, and pressure treated framing or HDPE decking can be used to increase 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 inwater 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 proximity to the project location will be a strong benefit to field verifying design, implementation and contraction practices and providing a plan set that includes methods of addressing the unique conditions found prior to 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 Placida Fishing Pier project. We look forward to helping Charlotte County with this important community asset.

Sincerely,

THE WEILER ENGINEERING CORPORATION

Michael Giardullo, PE | Principal-in-Charge

The Weiler Engineering Corporation

An Apex Company

201 W. Marion Ave., Punta Gorda, FL 33950

(941) 505-1700



WEILER ENGINEERING CORPORATION 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 without 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 **fishing piers**, worked with the structural engineer to develop plans for spalling repairs and ADA upgrades, 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 **pier** 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 the inspection and assessment of multiple piers for Charlotte County including El Jobean **Fishing Pier**.



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 inwater Structures Replacement for Charlotte County.

Ashlie Maberino, PE - Civil Engineer

Ashlie has seven 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 including the pier repairs. 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 five 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

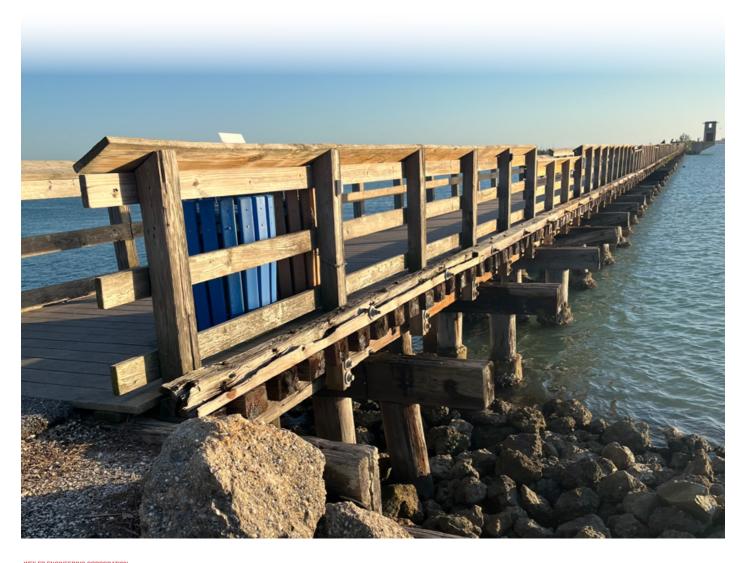
Kevin joined Johnson Engineering in 2001 and is the firm's Director of Survey and Mapping services. He is responsible for the continued development of the field personnel, ensuring that fundamental knowledge and the latest technology is available and understood by his team. Kevin has more than 30 years 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.



I. TEAM PROPOSED FOR PROJECT

Tom Musgrave, PE - Geotechnical - Tierra, Inc.

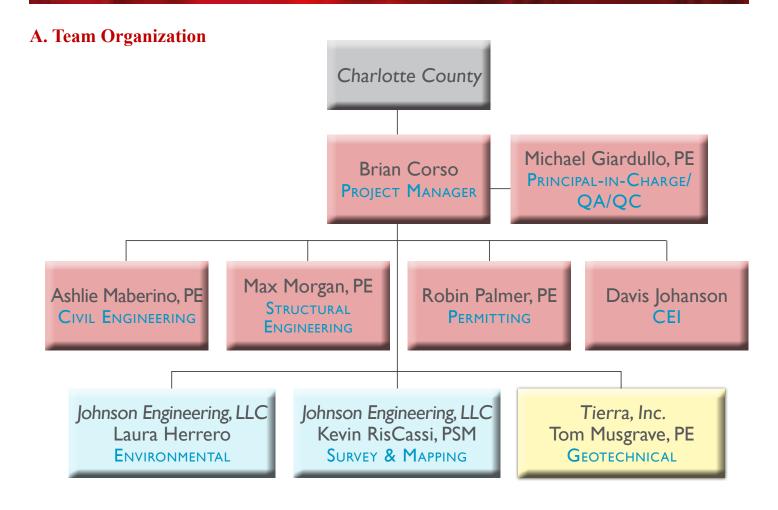
Tierra, Inc. is a full service consulting geotechnical and construction materials testing engineering firm with capabilities to provide test borings, install piezometers and monitoring wells, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction 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).





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_____II. Proposed Management Plan



Team Organization Phases

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



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

<u>CEI</u> 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





Mr. Corso has 11 years of experience in the field and has been with the Weiler Engineering Corporation for over 9 years. He 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 and pier repairs for the City of Punta Gorda where he conducted inspections and contractor oversight of the boardwalk installation as well as a full assessment of the piers spalling repair and ADA upgrades for the piers. Brian also worked with the structural engineer to develop plans.

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. Mr. Corso also led the permitting team, inspection team, and oversaw the contractor in this design-build project.

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 and construction inspection services for the pile supported concrete boat ramp.

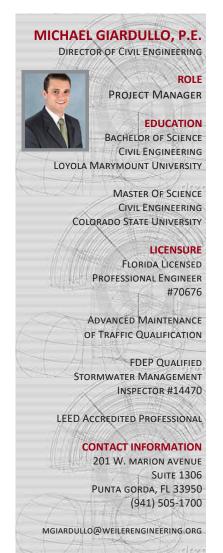
Ponce de Leon Seawall, Piers, and Boardwalk assessments and Repair Plan, Punta Gorda, FL

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. Additionally, Mr. Coroso inspected both fishing piers, designed spalling repair details and ADA upgrades.

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.





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. Additionally, Mr. Giardullo recently completed the Harbor Heights Seawall Replacement.

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 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.

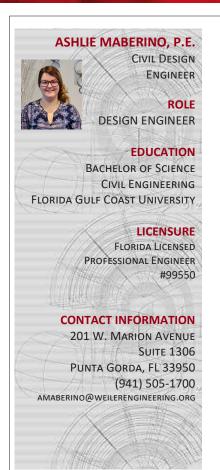
LIVE OAK POINT PARK IMPROVEMENTS, PUNTA GORDA, FL

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.





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 previously completed 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 responsible 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, Charlotte County, FL

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.





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 where any conflicts arose.

Harbor Heights Pier Replacement, Punta Gorda, FL

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, FL

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, FL

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.





Ms. Palmer is a Professional Engineer. She is an active member in the Peace River Engineering Society and Past President. 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 60 projects for the FDEP since 2016.

REPRESENTATIVE PROJECTS

GASPARILLA BOARDWALK REPLACEMENT, BOCA GRANDE, FL

Design Engineer: WEC was contracted by the FDEP to design a new boardwalk for Gasparilla Island State Park adjacent to the historic Boca Grande Lighthouse. The previous boardwalk was no longer accessible due to severe beach erosion. Ms. Palmer took the lead on the site design and permitting through the FDEP (Coastal Construction Control Line permit) and Lee County. This project involved creating a design that would not impact the sensitive environmental area with gopher tortoise burrows and beach dunes. The new boardwalk was strategically located to provide access to an area of the beach protected by a rock jetty, which thereby minimized the likelihood of beach erosion near the boardwalk. WEC also completed CEI services for the project.

Lignumvitae Kev Spalling and Dock Repair, Islamorada, FL

Design Engineer / Project Manager: Ms. Palmer worked on this project for the FDEP Bureau of Design and Construction. Ms. Palmer led the WEC team in facilitating the best strategy for the dock repairs needed after Hurricane Irma. The project included rebuilding a new wooden dock, spalling repair on the existing concrete dock, and CEI services. Ms. Palmer also handled the permitting for this project through SFWMD and ACOE.

Collier-Seminole State Park Boat Basin Improvements, Naples, FL

Design Engineer: The project entailed park improvements for the boat basin at Collier-Seminole State Park including an assessment on the existing seawall, design of a new floating dock, floating kayak launch, fishing platform, and parking lot improvements. Ms. Palmer's role in this project included permitting through Collier County, South Florida Water Management District, and U.S. Army Corps of Engineers. As the Design Engineer, Ms. Palmer was tasked with adding the new park amenities that would replace the old dock, meet ADA compliance, and would not have a negative environmental impact.

Fiesta Key Marina, Layton, FL

Ms. Palmer served as the Design Engineer for the improvements at Fiesta Key Marina. This project had 27 existing finger docks with 55 boat slips. The Project included replacing the slips in the marina with new, safer slips as well as marina basin improvements with a combination of rip rap and seawall. In some areas of the marina, a new steel sheet pile seawall was designed in in front of the existing seawall as a repair method. Under the proposed improvements, the marina will have the same 27 boat finger docks with 55 boat slips. 1,075 LF of existing seawall will be replaced with new steel sheet piles. This project required permitting through the Florida Department of Environmental Protection and U.S. Army Corp of Engineers.





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 IA 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 Monrison, Ph. D., and permitted by FWS under Dr. Monrison'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 I 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.
- The 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.





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 IBI Surveys Kevin led the surveying services to complete the platting of Babcock Ranch Community Phase IA & Town Square in 2012 and is currently in the process of platting Babcock Ranch Community Phase IBI. 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 983acre 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.





Thomas E. Musgrave, P.E.

Geotechnical Engineer

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

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



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.



WEILER ENGINEERING CORPORATION 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 completing the proposed improvements to the Placida fishing pier and approach.



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.

PUNTA GORDA Harbour Heights Fishing Pier



Charlotte County received Marine Advisory Committee (MAC) funding for this pier project. Due to the grant funding timeline for encumbering funds, the project had a tight schedule. WEC was selected for the evaluation of repairs for these two existing day dock structures. In working on the proposal, WEC determined that the conditions of the



existing piers warranted replacement due to severe rotting and worm damage of the existing pilings. WEC and Charlotte County agreed that replacement was in order. WEC served as the design builder sub-contracting the construction work to Marine Contracting Group. This was a unique arrangement for the County and WEC but proved to be an ideal method for completing construction quickly and encumbering grant funds in time. WEC was responsible for complete design including permitting through SWFWMD. WEC worked with SWFWMD to obtain State Programmatic approval resulting in an ACOE permit not being required which saved valuable time. WEC also provided construction administration and routine inspections throughout construction.



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.

CHARLOTTE COUNTY Ponce De Leon Fishing Pier



Weiler Engineering completed a full assessment of the existing seawall, boardwalks, and fishing piers and provided detailed reports of the existing conditions with recommendations for repairing, replacement, and alterations, based on the final assessment. The report included preliminary cost estimates for any proposed repairs and for full replacement. The report also included repair/replacement details, site plans showing limits of seawall and location of fishing piers, connection details



between the project phases, and ADA compliant upgrades of the fishing piers 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 for the seawall in June 2020. Construction was completed in March 2021.

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. Final construction of the fishing piers and boardwalk was completed in 2023.



BIG PINE KEY
Bahia Honda
State Park
Sandspur Beach
Campground

WEC was contracted by the FDEP BDC in 2018 for a third project at Bahia Honda State Park. This contract was to redesign an existing campground area within the State Park. The project area had 24 campsites intermingled in a sensitive coastal area. The civil department was responsible for the site layouts, providing ADA accessible campsites and access paths, and utilities. The structural department completed plans to remodel the existing bathhouse that sustained wind and water damage from Hurricane Irma. A new boardwalk was designed to provide a connection point from the campground out



to the Sandspur Beach. Jeff Weiler, P.E., was the Engineer of Record and Robin Palmer, P.E. was the Project Manager and Design Engineer for the project. Weiler Engineering assisted the FDEP in obtaining an Emergency Order permit through the Water Management District. Similar to the Day Use Area at Bahia Honda Sandspur Beach, the campground site is a sensitive habitat. WEC coordinated with the local electric company on the electrical connection to the campsites, bathhouse, and lift station. New potable water lines were added within the campground area.

KEY LARGO

John Pennekamp Boardwalk: Bridge Repair & Restroom Replacement



WEC worked with the Florida Department of Environmental Protection on 3 different projects at John Pennekamp Coral Reef State Park. WEC was contracted to evaluate and prepare repair plans for the existing restroom. It was later determined to be beyond repair and WEC prepared the design plans for the replacement restroom. The new restroom is approximately 2,250SF and elevated 10' above the ground in order to meet FEMA requirements. The restroom is access through a switch

back ramp. WEC completed the civil, structural, and MEP work for this project. The third project was a pedestrian bridge repair project. 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. Jeff Weiler, P.E. was the Engineer of Record for the design and Robin Palmer, E.I. was the Project Manager and Design Engineer in charge of permitting of the bridge repair. WEC obtained an Exemption from the South Florida Water Management District and a permit from the U.S Army Corp of Engineers.



CHARLOTTE COUNTY
Live Oak Point
Park & Allapatchee
Shores Park
Evaluation
& Assessment

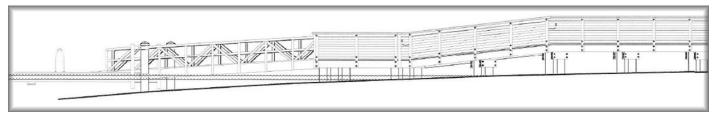


Weiler Engineering was contracted to evaluate the current conditions of the park damages from stormwater run-off and storm surge. Weiler Engineering also provided recommendations for future repairs while considering long term and short term effectiveness and environmentally focused options. The inspections took place over the course of three months to evaluate the continuing damages. WEC reviewed the record drawings received from SWFWMD to further evaluate the previous measures that were put in place to protect the area from erosion. The final report provided by WEC included the structural evaluation of the existing seawall, pedestrian pathway, and shoreline. WEC was able to provide several alternatives for each area that was evaluated at Live Oak Park including options of vegetative stabilization, vegetative reinforced soil slope, bank and shore rip-rap, steel sheet pile wall, and boardwalk. In addition to the evaluation, WEC also provided cost comparison analysis for each repair/ replacement option.

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.





CITY OF MARATHON
Assessment,
Rehabilitation, &
Improvements-33rd
Street Boat Ramp
Park & Dock

In addition to designing, permitting and securing the sovereign submerged land lease for the City of Marathon's largest boat ramp, WEC also inspected and assessed the existing conditions for the park's restroom facility, as well as seawall and dockage at the boat ramp. Based on the assessment, we were able to provide the design of the FDEP permitted



stormwater management facility, the parking area and a rehabilitation of an existing restroom facility. Permitting of this facility took extensive coordination with the FDEP, the Army Corps of Engineers, the U.S. Coast Guard and the National Marine Sanctuary.

DESOTO COUNTY

Morgan Park

Riverbank Erosion

Restoration

WEC was tasked with the design and permitting of 372 linear of shoreline stabilization along a curve in the Peace River which treated the only entrance to DeSoto County's Morgan park. The problem was greatly exacerbated by Hurricane Irma. The County received funding through the National Resource Conservation Service with a tight time frame. WEC was authorized to proceed in June of 2018, applied for ACOE and FDEP permits within one month and worked with the County to fast track the bidding. Construction began in



October of 2018 and is currently on track to be complete by the January 21, 2019 final completion date. WEC also provided full construction administration and inspection for this work. The project includes 372 linear feet of 30' and 20' steel sheet piling with concrete cap, 2000 tons of rip rap, and upland improvements. The work is waterward of the ordinary high water line / safe upland limit line and was under heavy scrutiny from the regulatory agencies for environmental impacts.







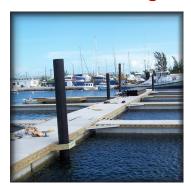


GASPARILLA ISLAND
Boca Grande
Lighthouse
Boardwalk
Replacement



Other beach access boardwalks at this State Park have been rendered inaccessible and closed due to extensive erosion of the beach up to and including the frontal dune. WEC inspected the site and existing boardwalk and provided recommendations to FDEP, that being to demolish and replace the boardwalk. This high-profile project adjacent to the historic lighthouse at Boca Grande Pass required a creative design that maximized longevity and Return on Investment of public funds while staying within the design requirements for expendable minor structures that are permissible seaward of the Coastal Construction Control Line (CCCL). Environmental constraints to design including the presence of tortoise burrows and sea turtle nesting areas were also carefully factored into the design to avoid conflicts or disturbance. Weiler worked closely with FDEP Bureau of Design and Construction (BDC) and Park staff and FDEP CCCL Reviewer to develop a design that paralleled the erosion face along the landward side of the frontal dune, before crossing the dune at the protected point of a buried coastal armoring structure (rock jetty), thereby minimizing the possibility of future erosion to this particular beach access boardwalk. Construction was completed one week before Irma, and subsequent inspection revealed there was no substantial damage to the structure.

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.







- An Apex Company

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 schedule and having 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 be seaward of 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 the 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 in the first week 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 aid 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 the 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 design of Placida Fishing Pier and Approach 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 parties 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 of 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 nearly 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 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.

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, Brian Corso 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 in 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 database that consists of these bid prices, FDOT historical costs, and RS Means data.
- ♦ Past Experience and Alternative Methods WEC's experience with pier repair projects include many projects throughout Charlotte County, surrounding counties, and the Florida Keys. We have provided design and estimate for different design alternatives for pier repair projects including traditional pressure treated, HDPE, FRP, and aluminum options. Our 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 of 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.

3. Parties Responsible for Cost Control

As the project manager, Brian Corso will be responsible for cost control. Mike is regularly available, and in the event, he is not, Ashlie Maberino will be available.

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 the Placida Fishing Pier and Approach are met. The chart below depicts the availability of key staff members from WEC. In addition to the people 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.



WEILER ENGINEERING CORPORATION V. Proposed Design Approach

- An Apex Company

A. Design Methodology

Weiler Engineering Corporation (WEC) conducted site visits on February 7th, and July 16th, 2024 to perform a visual inspection of the Placida Fishing Pier located at 13120 Pier Road in Placida, Florida. The objective of this assessment was to evaluate the existing structural conditions and document visible signs of deterioration or damage. Based on findings from accessible vantage points, WEC has developed a design methodology focused on ensuring public safety, restoring structural integrity, and achieving full compliance with the Florida Building Code (FBC). Based on the extent of damage observed such as structural deterioration, fire damage, and advanced decay, the approach may involve complete removal of the existing pier followed by full reconstruction. The new design will adhere to Florida Building Code requirements and applicable regulatory standards, incorporating appropriate structural criteria and best management practices to mitigate environmental impact and ensure long-term functionality.



Selections of Alternatives

WEC has thoroughly evaluated multiple restoration alternatives for the Placida Fishing Pier based on existing conditions and findings from prior inspections and structural assessments. Restoration options range from targeted structural repairs, such as replacing the backwall, installing a new bent at Bent 2, and reinforcing decayed components, to more extensive reconstruction efforts aimed at addressing widespread deterioration. While limited repairs present a lower upfront cost, they may lead to increased long-term maintenance due to the advanced age and compromised condition of the structure. More comprehensive replacement of severely damaged sections can improve overall durability and ensure code compliance, while preserving structurally sound components. In cases where deterioration is extensive and accessibility or safety standards cannot be met through partial repairs, full demolition and reconstruction of those elements may provide the most effective long-term solution, ensuring structural integrity, reduced maintenance needs, and adherence to current building and accessibility codes ensure ongoing code compliance.

Proposed Scope Of Work and Recommendations

Weiler Engineering Corporation (WEC) has completed a comprehensive review of the structural condition of the Placida Fishing Pier through Level 1 and Level 2 visual inspections and review of historical assessment documentation. The following scope of work and recommendations have been developed to address identified deficiencies and ensure long-term functionality, safety, and regulatory compliance.



• Structural Rehabilitation and Replacement

Structural elements exhibiting advanced deterioration such as timber piles with marine borer damage, framing components with fire damage or fungal decay are to be removed. Existing guardrails that do not comply with Florida Building Code (FBC) spacing and safety standards will be replaced with code-compliant systems. All elements, including the previously repaired fire-damaged section, will be reassessed to confirm their long-term integrity. The backwall, which is undermined and shows significant voids and decay, requires full demolition and reconstruction to restore proper function. All removal work will follow applicable environmental regulations and respect the site's zoning designation.

Subsurface and Material Testing

WEC has determined that further evaluation of subsurface structural elements is essential to fully understand the extent of deterioration affecting the Placida Fishing Pier. Due to limited visibility and access during surface inspections. A dive inspection is recommended to assess the condition of underwater components, particularly timber piles potentially impacted by marine borer activity and section loss. This inspection will allow for direct observation and documentation of submerged areas for a detailed re-evaluation not previously evaluated. In addition, penetrometer testing will be performed on select timber members to detect internal decay that is not visible externally. These supplemental evaluations will provide critical data to support informed decisions on structural repairs, material replacement, and long-term serviceability of the pier.

Guardrail and Decking Replacement

WEC has identified critical areas requiring reconstruction to restore pier stability and shoreline protection. The backwall will be rebuilt by excavating landward, installing geotextile fabric, replacing decayed timber, and compacting engineered backfill in lifts. A new concrete slab will be placed at the base where excavation occurs a minimum of 80 CY of riprap will be installed for shoreline stabilization. At Bent 2, a new bent with properly sized piles and clamps, secured with stainless steel bolts, will be constructed to ensure long-term structural performance.

Structural Reconstruction and Shoreline Stabilization:

All guardrails and handrails will be reconstructed in accordance with the Florida Building Code (FBC) and Americans with Disabilities Act (ADA) standards. Corrections will be made to railing height, spacing, and support stability to ensure user safety. Transitions from the access pathway to the pier will be evaluated and, where necessary, regraded or reconstructed to provide fully barrier-free access for individuals with mobility impairments.

Accessibility and Compliance Improvements:

WEC has determined that the Placida Fishing Pier does not meet current ADA standards, despite having handrails and an appropriate width. The updated design will incorporate compliant elements such as extended platforms, proper rail heights, and continuous wheelchair-accessible routes. These enhancements will ensure full accessibility and compliance with applicable federal and state regulations

Phasing

While construction phasing is not anticipated due to limited site access, WEC proposes a phased design approach to ensure efficiency, regulatory compliance, and minimal environmental impact. The process will begin with dive and penetrometer inspections to assess the condition of submerged and internal structural components. Based on these findings, the design will be refined, permit and construction drawings will be prepared, and necessary permits will be obtained. Construction will then proceed with demolition of deteriorated components, including the compromised backwall, followed by reconstruction of a new bent, backwall, engineered backfill, and shoreline riprap. Accessibility upgrades will include ADA and Florida Building Code-compliant guardrails, platforms, and access routes. The project will conclude with final inspections, as-built documentation, and certification in compliance with all applicable codes and permitting requirements



B. Anticipated Problems

WEC anticipates several potential challenges during the rehabilitation of the Placida Fishing Pier, primarily due to the age of the structure and limited access to submerged components. Subsurface elements such as timber piles exhibit signs of marine borer activity many with significant section loss, as the damage is ongoing an updated dive inspection is recommended and penetrometer testing. Above-water elements, including pile caps, guardrails, and the timber backwall, show widespread fungal decay and structural deterioration. The backwall is particularly concerning, with evidence of voids, undermining, and loss of soil containment, which threatens both shoreline stability and adjacent structural support. Furthermore, fire-damaged areas previously addressed will require reevaluation to confirm long-term performance. These conditions may require expanded demolition and reconstruction beyond what was originally anticipated.

In addition to physical deterioration, code compliance and environmental constraints pose further challenges. Existing guardrail systems and accessibility features do not meet current Florida Building Code (FBC) or Americans with Disabilities Act (ADA) standards, necessitating significant upgrades. The site's designation as an environmentally sensitive area requires coordination with multiple regulatory agencies, including FDEP, USACE, and USFWS, which may introduce permitting delays and impose restrictions on construction methods or materials. Moreover, the pier's location and surrounding waterbody limit access for equipment and staging, potentially increasing logistical complexity and overall project costs. These anticipated issues will be carefully considered throughout the design and implementation phases to ensure regulatory compliance, construction

Problem	Solution
Limited Visibility of Subsurface Deterioration	Conduct comprehensive dive inspections to assess subsurface conditions before finalizing design
Advanced Fungal Decay in Timber Components	Remove and replace compromised timber components with durable, code compliant materials identified during detailed inspection
Severely Undermined Blackwall	Tear down and rebuild the backwall using proper backfill and riprap
Fire-Damaged Section Uncertainty	Double-check the fire-damaged area to ensure long term performance
Non-Compliant Guardrails and Accessibility	Install new Guardrails and paths that follow FBC and ADA rules



C. Innovative Approaches

Hybrid Structural Systems

A hybrid design that integrates traditional timber with fiber-reinforced polymer (FRP) reinforcements offers both visual character preservation and structural resilience. By using FRP in high-exposure areas, the pier gains superior resistance to marine borer damage, fungal decay, and corrosion. This method supports long-term durability while maintaining the historic appearance of the structure.

• Sustainable Composite Decking

Advanced composite decking offers a durable, low-maintenance alternative to traditional wood, ideal for coastal environments. With high resistance to UV rays, moisture, and decay, these materials improve safety through non-slip surfaces and reduce heat retention. Their use also supports sustainability, often incorporating recycled content and extending the pier's service life.

• Enhanced ADA Accessibility

Accessibility improvements will be fully integrated to meet the ADA and Florida Building Code (FBC) standards. These include widened paths for wheelchair access, extended fishing platforms, and guardrails that meet height and spacing requirements. Additional features such as tactile warnings and shaded rest areas will enhance safety and comfort, ensuring an inclusive environment for all users.

Solar-Powered Lighting and Safety Systems

Installing solar-powered LED lighting and emergency call boxes improves visibility and safety during low-light conditions, while reducing reliance on the electrical grid. This energy-efficient system is especially valuable after storms, ensuring continued operation even during power outages, and supporting long-term sustainability.

Bio-Inspired Protective Coatings

Applying anti-fouling coatings made from bio-based polymers such as chitin or seaweed derivatives offers a chemical-free solution to minimize marine growth on piles. These coatings mimic natural defense mechanisms found in marine organisms, enhancing performance without environmental harm.







_VI. Recently Accomplished Similar Projects

VI. EXAMPLES OF 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 can 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 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 of 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.



VI. EXAMPLES OF RECENTLY ACCOMPLISHED SIMILAR PROJECTS

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 Pier Replacement 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 listed 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 engineer every aspect of the approach for a project. WEC believes that being able to provide cost-saving alternatives for the client is one of the most important aspects of the design process. WEC understands that quality should not be sacrificed when providing value engineered alternatives. With the combined experience of the team, WEC staff is always able to curate a design that considers all aspects of the client's vision. WEC will stay within budget and provide both cost-saving solutions hardening options .

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

- ♦ **Boardwalk Repairs for Lee County -** WEC and Johnson Engineering are providing alternates for boardwalk repairs with cost estimates as alternate options
- ♦ 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, boat ramp and dockage 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 Resort 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 William R. Gaines Jr. Veterans Memorial Park Boardwalks, 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. A low initial cost is not always a better life span cost. 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 of working with the staff in saltwater and environmentally sensitive conditions provides us with the experience needed for identifying materials that truly work. This approach works well with the County's facilities plan and will produce more cost-effective projects over their life spans. 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 standard practice during our design efforts.

C. Life Cycle Cost Analysis

WEC pairs the necessity for value engineering with the material options applicable to a project. Typically, the most important factor in Life Cycle Cost analysis is the position of the client in relation to the project. It is common that some materials are more beneficial to use rather than others when up-front costs or life cycle costs



VII. EXPERIENCE & CAPABLITIES

are prioritized. When choosing a material, WEC will weigh the desired result of the project with the location, costs, and longevity of the materials in question.

WEC is currently working with FDEP on many projects that require weighing the longevity of a product versus the upfront 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 Pier Replacements, Veterans Park in Rotonda, and Charlotte Harbor Culvert replacement project. All permitting was completed without issue. Our public and private experiences 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 are 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 for final permits to issue 100% plans. WEC was responsible for conducting



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meetings with SWFWMD, FDOT, FPL, and the USACE to establish the requirements for our specific projects to head off any unnecessary comments during the review.

Other projects include Kiwanis Park, which 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.

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 environments. Below is a short summary of the many project types each containing their own unique design and permitting challenges. All these projects were handled by Michael Giardullo, PE and Robin Palmer, PE.

- ♦ 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.
- ♦ 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

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. Most of these projects include coastal improvements, and many include in-water work. Also at the state level, WEC was recently awarded continuing services contracts with both the Florida Fish and Wildlife Conservation Commission and the Florida department of environmental protection

Locally, WEC has been serving Charlotte County for over 20 years and has 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 Counties. WEC's primary focus is in Southwest Florida and our method of earning new projects is through pleasing our



VII. EXPERIENCE & CAPABLITIES

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.





VIII. Volume of Work



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.





- An Apex Company -

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.







- An Apex Company -

X. LITIGATION

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



WEILER ENGINEERING CORPORATION XI. Minority Business

- An Apex Company



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.

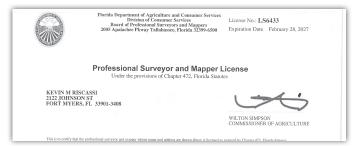
Once selected, we will work closely with Charlotte County in identifying other potential minority teaming opportunities.







Team Licenses















PART V - SUBMITTAL FORMS PROPOSAL SUBMITTAL SIGNATURE FORM

1.	Project Tea Name and T		Years experience	individ	f office ual will ut of for oject	City individual's office is normally located	City of individual's residence	
Bria	an Corso - Project Manager	П	Punta Gorda		Punta Gorda	Punta Gorda		
Mic	chael J. Girdullo, PE, Principal-in-	Charge/QA/QC	20	Punta C	Gorda	Punta Gorda	Punta Gorda	
Ash	nlie Maberino, PE, Civil Engineer		7	Punta C	Gorda	Punta Gorda	North Port	
Rob	oin Palmer, PE - Planning & Env	ironmental Engineer	. []	Punta C	Gorda	Punta Gorda	Port Charlotte	
Max	x Morgan, PE - Structural Engin	eer	7	Punta (Gorda	Punta Gorda	Punta Gorda	
Dav	vis Johanson - CEI		5	Punta (Gorda	Punta Gorda	Punta Gorda	
2.	Magnitude of Company O	perations						
_	A) Total professional services fees received within last 24 mont					\$ \$697,9	15.05	
	B) Number of similar project	s 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							
	B) Payments received from executed contracts with the	past 24 months (based upon			\$ \$697,9	15.05		
4.	Sub-Consultant(s) (if applicable) Johnson Engineering, LLC	Location 2122 Johnson Stree Fort Myers, FL 339	be	of Work to Provided	Services to be Provided			
	Tierra, Inc.	735 Temple Terra Tampa, FL 33637	ice Hwy	35%		nvironmental & Survey/Mapping		
	,	Tampa, FL 33637	,	7.5%	(-	Geotechnical		
5.	Disclosure of interest or i contract and who have an i held by your firm, or officers	nterest within the a of your firm, within	reas affected the areas affe	by this proje	ect. Also,			
			ress N/A					
			act Name N/A					
	Start Date NAMA/Description	ng Date N/A						
	Project Name/Description N/A							

NAME OF FIRM	The Weiler Engineering Corporation
	(This form must be completed and returned)

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O Min with D					.,	. V
6. Minority Business: The County will consider the firm	's status as ar	n MBE or a c	ertified MR	E. and a	Yes _ lso the status of any	
consultants proposed to be utilize					noo ino otatao or any	
Comments or Additional Inform	nation:					
The undersigned attests to his/her if the firm is awarded the Contract Proposal, Terms and Conditions, proposal is submitted with full known	t by the Cour Insurance Re	nty. The un equirements	dersigned fand and and	further cother doc	ertifies that he/she h cumentation relating	as read the Request for to this request and this
By signing this form, the proposer submitting a proposal pursuant to		es that this բ	oroposal is	made wi	thout collusion with a	ny other person or entity
In accordance with section 287.13 Companies with Activities in Suda and does not have business open or is not participating in a boycott of	n List, the Sc ations in Cuba	rutinized Co	mpanies wi	th Activi	ties in the Iran Petrol	eum Energy Sector List,
As Addenda are considered bindir receipt of same. The submittal ma						
Addendum No Dated	Addend	um No	_ Dated		Addendum No	Dated
Addendum No Dated	Addend	um No	_ Dated		Addendum No	Dated
Type of Organization (please chec	k one):	INDIVIDUA CORPORA		(<u>X</u>)	PARTNERSHIP JOINT VENTURE	(_) (_)
The Weiler Engineering Corpora	tion			(941) 5	05-1700	
Firm Name				Teleph	none	
					-0413376	
Fictitious or d/b/a Name				Federa	al Employer Identifica	tion Number (FEIN)
201 W. Marion Ave. Suite 1306						
Home Office Address						
Punta Gorda, FL 33950					32	
City, State, Zip				Numbe	er of Years in Busines	SS
Same as Above						
Address: Office Servicing Charlott	te County, oth	er than abov	'e			
Michael J. Girdullo, PE				(941)	505-1700	
Name/Title of your Charlotte Coun	ty Rep.			Teleph	none	
Michael J. Girdullo, PE, Director of	Civil Engineerir	ng				
Name/Title of Individual Binding Fi	rm (Please Pr	int)				
ship get to				June	e 16, 2025	
Signature of Individual Binding Fire	m			Date		
mgiardullo@weilerengineering.c	org					
Email Address	_ -					

(This form must be completed and returned)

DRUG FREE WORKPLACE FORM

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

- 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.

nil g. S.to
Proposer's Signature
June 16, 2025
Date

The Weiler Engineering

NAME OF FIRM The Weiler Engineering Corporation

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

Charlotte County Contract #20250470

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.

ship get to
Signature
Michael J. Girdullo, PE
Printed Name
<u>Director of Civil Engineering</u> Title
The Weiler Engineering Corporation
Nongovernmental Entity
June 16, 2025
Date

END OF PART IV

NAME OF FIRM

The Weiler Engineering Corporation