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Charlotte County RFP No. 2024000097 Design – William R. Gaines Jr. Veterans Memorial Park and G.C. Herring Park January 23, 2024

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January 23, 2022

Charlotte County Purchasing Division 18500 Murdock Circle, Suite 344 Port Charlotte, Florida 33948

#### RE: RFP NO. 2024000097 Design – William R. Gaines Jr. Veterans Memorial Park and G.C. Herring Park

Dear Evaluation Committee:

**DMK Associates, Inc.**, takes great pleasure in responding to **Charlotte County's** request for a for Proposals to complete the **Design for William R. Gaines Jr. Veterans Memorial Park and G.C. Herring Park, located in Port Charlotte and Rotonda West respectively**.

DMK has completed several park designs throughout Charlotte County and the surrounding municipalities. Throughout our experience in the matter, we have worked on Park Master Plans, Conceptual Plans, complete site design from start to as-built certifications and close-out forms. We believe our experience demonstrated within this proposal will satisfy all needs and wants of the County. As the longest tenured civil engineering firm in Charlotte County, DMK has worked on over 30 parks projects. Some of our local experience includes William R. Gaines Veteran Memorial Park, G.C. Herring Park, Port Charlotte Beach Park and Sailing Center, Franz Ross Park, Ann and Chuck Dever Regional Park, The Garden of the Five Senses and so much more.

DMK Associates would also like to emphasize the importance of **effective communication**, **quality assurance and quality control.** We do this by establishing proper planning measures and phase markers to reassess our project progression and budget to ensure everything is on track with all stakeholders. DMK knows what it takes to get the job done correctly the first time.

The Engineers on staff, partnered with the capabilities of our firm comprise a team ready to handle any problems thrown our way. We have invested decades into building our reputation in Charlotte County and appreciate the opportunity to continue our dedication to our community.

Sincerely,

Kreg E. Maheu, P.E. President

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# TEAM PROPOSED FOR THIS PROJECT- Tab 1

### I. TEAM PROPOSED FOR THIS PROJECT

#### A. Background of the personnel

\* All personnel experience is gone over in greater detail on their individual resumes.

\*\*The Proposed Project Managers will not be substituted without the expressed permission of the County.

#### 1. Project Manager:

At the consideration of the County, we would like to assign two Project Managers (PM). Tom Ballenger, P.E., as the PM for G.C. Herring Park and Tim Roane, P.E., as the PM for William R. Gaines Jr. Veteran's Memorial Park. Both individuals have previously and are continually demonstrating their work ability to County representatives. As recent as this month, Tom Ballenger has closed out a project with Charlotte County at Franz Ross Park, located in Port Charlotte right behind Lowes and the new Sprouts Market. This project consisted of the rehabilitation and expansion of the Disc Golf Course Walkway along with ADA and course improvements along the route. Additionally, Tom Ballenger is currently working with County Staff, Lacey Soloman, on the Ann and Chuck Dever Regional Park Multi-Use Recreational Trail extension & ADA improvements. Having this team synergy is important in keeping projects running smoothly. Another aspect that Tom can benefit from is having Kreg Maheu just two offices down. Kreg Maheu was the Engineer of Record for the Master Plan of G.C. Herring Park. In 2019, this project was brought into a final conceptual plan that was approved by both the County and the Public. The project was placed on hold awaiting funding from the County CIP funds, easily ready to pick back up and continue with the same players.

Tim Roane is currently working with Lacey at the Myakka River Park on the design and permitting pf the Phase 1 portion of the Myakka River Park Master Plan. This includes additional parking, stormwater management facilities, Kayak launch/Beach head and pedestrian walking paths connecting features of the park. Tim is also the past project manager/ Engineer of Record for Phase 1 of WRGJVM Park. He took the 2017 conceptual plan and with the help of his team, lead this project to a successful ribbon cutting in 2020. The park design that Tim was responsible for surrounds the proposed additions to the park and with having worked on a portion of the master plan, Tim is aware of the restraints and any possible issues that we may run into on those new additions to the park. His past design at this park consisted of the eastern park entry drive, playground area, playground parking, storm water management facilities, winding pedestrian trails and small covered pavilion. and has past design and construction phase experience with William R. Gaines Jr. Veteran's Memorial Park. This project is talked about in greater detail in the project descriptions to follow.

#### 2. Other Key Personnel

As **Principal in Charge, Kreg Maheu**, President of DMK Associates, will oversee both individuals and act as an overarching contact for the County. Kreg has both hands-on

experience and project understanding for both project footprints. He was the Engineer of Record (EOR) for the GC Herring Park Master Plan, and Vice President of Engineering during the Phase 1 of William R. Gaines Jr. Veteran's Memorial Park project. Kreg has over 35 years of engineering experience in Charlotte County and the surrounding areas in Southwest Florida. He will also be present at all internal project management meetings as added assurance these projects are kept on schedule and resources are allocated appropriately for the successful completion of both park projects.

**Robert Stanley, P.E., Utilities**: Mr. Stanley is a Senior Project Manager and Associate with DMK Associates, Inc. responsible for utilities projects. He has over 40 years' experience in the management, design, and support of process facilities, utilities piping, and specialty equipment. He has received two US patents. Mr. Stanley was project engineer and project manager for the PRMRSWA Phase 1A Project and the Sandhill Blvd 24-in Water main relocation project. He was the engineer responsible for the utility work on Kings Highway, Sandhill Blvd, Port Charlotte Beach Park and many more projects throughout Charlotte County. Bob is currently the Utility Engineer for the expansion of Kings Highway and is well versed in Charlotte County Utility Code and Regulations.

**John Pari, P.E., Stormwater:** John Pari is a licensed civil engineer in the state of Florida with 20+ years' experience in large public works projects with an expertise in solving storm water challenges through use of LID techniques. With additional proficiency in ICPR, Civil 3D and GIS tools & groundwater software, he has designed and permitted a wide range of projects from parks, roadways, and stormwater rehabilitation, to canal maintenance & stabilization. Mr. Pari has also designed & permitted various Land Development projects which have incorporated various forms of LID.

**Ray Steele, Design Technician**: Mr. Steele is our Sr. CAD Designer responsible for creating construction documents for site development, roadway, drainage, and utility projects for DMK. More specifically, Ray was the CAD technician responsible for DMK's civil plans on both past WRGJVM Park and G.C. Herring Park. e has extensive experience in Computer Aided Drafting through the U.S. Army, the Arizona Department of Transportation, and 20 years here at DMK Associates. His technical experience includes design drafting for the stormwater management systems and roadways, developing horizontal and vertical alignments, roadway templates and roadway cross-section and earthwork volume reports. In addition, he has created special roadway, stormwater, and structural detail documents. He is proficient in the use of roadway modeling programs such as Civil 3-D, MicroStation, and GeoPAK for the design and preparation of transportation and drainage related engineering projects.

**Jay McLeod, PSM, Surveying:** Jay is responsible for the oversight and management of the survey team for this project. Mr. McLeod has 30+ years of experience in Charlotte County Surveying. Originally a surveying firm in Charlotte County, DMK has never stopped compiling survey data for Charlotte County. Forty-one years after the start of DMK, Mr. McLeod has risen to the top of our surveying department as Vice President of Surveying. All crews are run out of Englewood, Florida, making their location perfect for quick response times and survey turn-around. In 2018-2019, DMK was charged with the

Master Plan for G.C. Herring and Phase 1 for WRGJVM Park. Jay was responsible for their respective surveys. Both sites required a Wetlands, Tree, and Topographic Survey. There was also a Boundary Survey ordered for G.C. Herring Park.

#### 3. Consultants

**Environmental Consultant – Hugh Dinkler, PWS** – Ecological Services Associates, LLC (ESA) is a full-service environmental consulting firm that combines sound ecological leadership with cost-effective client support. Established on June 1, 2009, and located in Sarasota County, Florida; with more than 30 years of professional experience in Florida, conducting a wide variety of environmental services across the state of Florida.

Mr. Dinkler received his B.S. degree in Wildlife Ecology from the University of Florida's School of Forestry and Resource Conservation and worked as a field assistant on a variety of listed wildlife research projects. After returning to school and receiving a M.S. degree in Agricultural Operations Management from the University of Florida's Agricultural Engineering Department, he accepted employment with the Southwest Florida Water Management District (SWFWMD). Mr. Dinkler's Master's Thesis at the University of Florida concentrated on developing a phosphorus budget and database of the Lake Okeechobee drainage basin for the South Florida Water Management District. Mr. Dinkler worked for the SWFWMD for 12 years, the last eight (8) as the Environmental Manager of the Sarasota Regulation Department where he oversaw the environmental regulatory and proprietary issues; as well as compliance and enforcement issues for the Environmental Resource Permit process. Mr. Dinkler is a Professional Wetland Scientist (PWS) as recognized by The Society of Wetland Scientists. Mr. Dinkler worked for 5 years at Cardno (f.k.a. Biological Research Associates and ENTRIX) in the Sarasota office where he was involved in a wide variety of ecological permitting services.

Lighting/Landscaping Design – James McCord, RLA, LEED® AP, CLARB, REALTOR®, CIC, CID, CLIA - RWA, Inc.'s Director of Landscape Architecture, James M. McCord, , has approximately 40 years of combined green industry experience (design, construction, and management) for both public and private sector projects in four states (Florida, Louisiana, Mississippi, & Tennessee). Since 2002, James has been involved in the planning, design, contract management, and construction observation services for hundreds of projects throughout Florida. Project types include downtown streetscapes, roadways, utilities, universities, parks, sports fields, commercial, mining reclamation, beach restoration, and residential developments.

James has significant design and construction experience with public open spaces, community and regional parks, and recreation facilities. Currently RWA, Inc. is designing and permitting the Myakka River Park's parking facilities and boat launch and James is providing the landscape architecture services. James also has designed several recreation facilities from pickleball courts to athletic fields, and from a golf range to a disc golf course. He has both master-planned recreational elements and provided detailed construction documents for implementation. James has master-planned, designed, and permitted the first phase of the McGregor Baptist Church and Southwest Florida Christian Academy Sports Complex. Design elements included the sports fields (football, baseball & softball),

the track and field components, the passive park site, the internal pedestrian circulation, the bleacher seating, stormwater quality areas, the concession areas, and maintenance support facilities. James also was the lead designer/project manager for the Charlotte County Parks and Recreation Continuing Services Agreement to provide design and permitting services for the landscape and irrigation renovations of the Oyster Creek Regional Park and the North Charlotte Regional Park sites.

**QA/QC Consultant – Dave Milligan** – Mr. Milligan's experience includes 35 years of public service, including both Lee and Charlotte County positions. In Charlotte County, Dave was placed in the position of Parks, Recreation, and Cultural Resources Capital Projects Manager. He ultimately advanced to become director of the Department of Facilities Construction and Maintenance (FCM) where projects encompassed development of all types of public capital projects in addition to parks. Dave knows what it takes to efficiently design a parks project and we look forward to having him on our team to round out any hard edges. His keen eye for detail coupled with our engineer's proficiency will lead this project on a smooth path to success.

Geotechnical Consultant – Universal Engineering Services – (if applicable)



Since our inception in 1997, RWA has become one of the most respected civil engineering, landscape architecture, and surveying consulting firms in Southwest Florida. We are a cohesive team of highly skilled and qualified professionals who possess a broad range of expertise and the desire to make a positive difference in our professions and communities. The firm has locations in Venice, Fort Myers, and Naples, and offers professional consulting services bringing together principles in Civil Engineering, Landscape Architecture, Surveying and Mapping, and Construction Management to provide an interdisciplinary solution for our clients.

Over the last 26 years, RWA has established a level of experience, innovation, and professional expertise that has made us one of the area's most reputable consulting firms. RWA has exceptional working knowledge and relationships with local, state, and federal agencies, many of whom we deal with daily. RWA has a diverse project portfolio, completing numerous public sector projects throughout Southwest Florida as both a prime and sub-consultant and we currently hold 13 fixed-term professional services contracts with several area municipalities including Charlotte County. Most recently, RWA has been working with the County to complete the design and permitting for the first phase of the Myakka River Park project. This project started with the RWA team being selected to provide support to Charlotte County in their effort to plan for and develop a comprehensive master plan to provide their community with a new park facility encompassing all their identified needs and wants. RWA led the planning and initial development phase that included site inventory and analysis, data gathering, visioning/public engagement, schematic design, design development, construction, and permitting.

RWA's Venice office leader and Sr. Project Manager Tim Roane, P.E. will be leading the RWA Team for this project and has over 20 years of professional experience working throughout the Charlotte and Sarasota County region. Mr. Roane is currently serving as the Project Manager for the Myakka River Park project and previously served as the Project Manager for William R. Gaines Jr. Veterans Memorial Park, Phase 1.

#### **Surveying and Mapping**

RWA's highly respected, well-established surveying team is comprised of skilled and qualified professionals. All key members of the team have a wealth of surveying and mapping and GIS experience and have worked with various public agencies and government clients on the completion of significant public works projects ranging in size and complexity. The RWA team is no stranger to tight schedules, difficult conditions, and various levels of coordination. The team has consistently tackled and achieved impeccable results with a variety of diverse and challenging terrains. RWA's surveying & mapping department holds fixed-term contracts with several Southwest Florida municipalities and has successfully completed numerous public sector surveying projects throughout the State of Florida, both as a prime and sub-consultant. The RWA survey team is often called upon and utilized by some of the region's largest professional service firms such as Jacobs, Giffels Webster, Kimley Horn, Atkins, Stanley, and MWH America's due to our reputation, quality of work, and responsiveness.

## 4. Staffing Levels and Positions Proposed

G.C. Herring Park	William R. Gaines Jr. Veterans Memorial Park						
Principle in Charge – Kreg Maheu, P.E.							
Project Manager – Tom Ballenger, P.E.	Project Manager – Tim Roane, P.E.						
Utility Engineer – Bob Stanley, P.E.							
Stormwater Engineer – John Pari, P.E.							
Lighting & Landscaping – James McCord, RLA, LEED® AP, Realtor ®							
Survey – Jay McLeod, P.S.M. & Team							
Environmental – Hugh Dinkler, PWS							
CAD – Ray Steele & Team							
QA/QC – Dave Milligan, FASLA							
Geotechnical – Universal Engineering Services (if applicable)							

# PROPOSED MANAGEMENT PLAN- Tab 2

## II. PROPOSED MANAGEMENT PLAN

#### A. Team Organization



#### B. Roles and Responsibilities of Participants

**Principle-in-Charge** 

Responsible for overseeing both Project Managers and act as an overarching contact for the County. He will also be present at all internal project management meetings as added assurance these projects are kept on schedule and resources are allocated appropriately for the successful completion of both parks' projects.

#### **Project Manager**

Ballenger, P.E.

Tom

Kreg Maheu,

P.E.

As Project Manager for the G.C. Herring Park, Tom Ballenger is responsible for the successful completion of the project. This involves tasks such as project management and coordination, Programming, Design, Construction Documents, Construction Phase and Close-out Services.

Tim Roane, P.E.

#### Project Manager

As Project Manager for the G.C. Herring Park, Tom Ballenger is responsible for the successful completion of the project. This involves tasks such as project management and coordination, Programming, Design, Construction Documents, Construction Phase and Close-out Services.

Bob Stanley, P.E.	Utility Design The William R. Gaines Jr. Veteran's Memorial Park has a line item that calls out the need for a Sanitary Utility connection to the existing restroom on-site. This design work and related coordination will be completed by Bob Stanley. Additionally, any other utility work that may need to be completed on either site would be fall under Bob's responsibility.
John Pari, P.E.	<b>Stormwater Engineer</b> With Land development always come the need for stormwater modeling and design. Mr. John Pari will be responsible for this portion of the project to include the use of LID techniques throughout the design where possible.
James McCord	<b>Lighting and Landscape Architectural Services</b> James will be responsible for all applicable lighting layout and design as well as any landscaping architectural services needed throughout the design.
Jay McLeod, P.S.M.	Land Surveying Mr. McLeod is the Vice President of Surveying for DMK Associates. His role for this project will be to lead the survey crews responsible for the required land surveying needed for the programming phase. As well as the final As-built surveys and signing and sealing all final land surveys.
Hugh Dinkler, PWS	<b>Environmental Services</b> Hugh Dinkler will be responsible for the Environmental Studies and Protected Species Assessment. He will also work as needed for any permitting needed related to his environmental assessment.
Ray Steele	Senior CAD Technician Ray Steele's responsibilities will include drafting and oversight of drafting completed for both parks.
David Milligan	QA/QC Consultant Dave will have a key role in the successful completion of both park's projects. He will oversee all QA/QC efforts including peer review and any related communications and reporting.

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#### C. Recent, current, and projected workloads

DMK Engineers work on a variety of project types and sizes. Below is a table representing the number of projects each team member is actively working on, worked on in the past 6 months and has since closed those projects out, and then a projected number of projects. The projected amount includes both current projects scheduled to conclude within the next 12-24 months and an estimated amount of potential projects currently in our marketing funnel. Turnover for our survey projects is minimal when compared to an engineering project that could last upwards of 18 months. The workload for Jay McLeod is determined by the amount of projects that have been assigned to him over the past 6 months, the amount of currently open Survey jobs assigned to him, and then our projected estimate of a 10% decrease in 2024 projects due to the slowdown in new development and the impact of the current state of our economy. It is also understood that any additional surveying efforts can provided by our Sub consulting firm RWA Engineering.

Personnel	Recent (6m)	Current	Projected (6m) Est.
Kreg Maheu, P.E.	13	5	5
Tom Ballenger, P.E.	16	16	12
Bob Stanley, P.E.	5	3	2
Ray Steele, CAD Tech	18	11	8
Jay McLeod, P.S.M.	130	25	112

# PREVIOUS EXPERIENCE OF TEAM PROPOSED FOR THIS PROJECT-Tab 3

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## Kreg E. Maheu, P.E.

#### **OVERVIEW:**

Mr. Maheu is DMK's President of Engineering with over 38 years of experience as a civil engineer covering multiple disciplines. His experience includes both public and private practice.

Mr. Maheu has been involved in all aspects of civil engineering including land development, stormwater systems, transportation, water distribution and transmission systems, wastewater collection and transmission systems, coastal engineering and planning projects as designer, project engineer and project manager. He has extensive experience with local, state, and federal permitting applications processes. His experience also includes QA/QC, construction engineering & inspection and contract administration.



#### **EDUCATION:**

Bachelor of Science, Civil Engineering University of Maine, 1983

#### **REGISTRATIONS**:

Professional Engineer, Florida No. 45766 FL. Certified Environmental Health Professional No. 15-1593

#### TECHNICAL TRAINING:

Florida Advanced MOT training

#### PROFESSIONAL AFFILIATIONS:

Florida Stormwater Association Peace River Engineering Society Charlotte Local Education Foundation, Board of Trustees

#### **EXPERIENCE HIGHLIGHTS**:

#### Bayfront Park Longboat Key

DMK has teamed with Wannemacher & Jenson Architects out of St. Petersburg, FL for the redevelopment and expansion of Bayfront Park in the Town of Longboat Key, FL. DMK's responsibilities included assistance with master planning and complete civil, site, survey and permitting requirements for the project. The existing park area was expanded from approximately 4 acres of improvements to over 8 acres including a beachside access. The existing park included a recreation center, tennis courts, shuffleboard court, basketball court and dock. The improvements included relocation of the basketball court, resurfacing of the tennis courts, picnic shelters, pavilions, kayak launch, kayak storage, fishing piers, boardwalks, observation decks, dog park, open space, playground, landscaping, and additional parking. The project also included a restricted access driveway to the Gulf beach from State Road 789, Gulf of Mexico Drive, Observation Deck, and pedestrian beach access. The beach improvements required coastal construction control line permitting through FDEP's Division of Water Resource Management. An Environmental Resource Permit (ERP) was obtained for the bayside shoreline improvements. Mr. Maheu was responsible for the project management of the civil, site, survey and permitting as well as project engineer and Engineer of Record.

#### Maxine Barritt Park

DMK performed civil engineering design, as well as complete permitting services for this City of Venice Park, located on a decommissioned wastewater treatment plant site adjacent to the Venice Airport and the Venice Pier. This design/build project included parking access drives, restrooms, pavilion and shelter locations, playground area, plaza area, boardwalks, multipurpose trails, and beach/dune lookouts. DMK was responsible for all aspects of civil engineering including grass parking. An ERP permit was applied for and obtained from the Tampa office of FDEP. The Tallahassee office of Beaches and Shores Department issued a CCCL permit, while the sewer and water service permits were obtained from FDEP. Mr. Maheu was project manager and project engineer for the civil engineering, site design and permitting.

#### **Turtle Beach**

Sarasota County determined the two existing boat launch areas at Turtle Beach on Siesta Key needed improvements to allow ADA access to the docks and to facilitate a more efficient launch. In addition, they wanted to add a fishing pier to the Turtle Beach amenities between the two covered pavilions on the east side of the canal. DMK was contracted to design the improvements. with Mr. Maheu as Engineer of Record. The scope included data collection,

Past Vice Chairman, Charlotte County Code Enforcement Board

Past President, Optimist Club of Englewood,

Member, Past Board Member, Lemon Bay Sunrise Rotary

Member, Past Member Government Relations Committee, Englewood Area Chamber of Commerce

Charter Member, Past President, Lemon Bay League

Past President, Englewood Area Planning Advisory Board

Board Member, Past President, Charlotte Local Education Foundation

President, Lemon Bay Girls Basketball Foundation survey, preliminary site planning and permitting through FDEP and USACOE to construct the docks and fishing pier.

Coordination was required to assure consistency with the Coastal Construction Control Line requirements as well as obtaining authorization from the FDEP Bureau of Beaches and Coastal Systems to conduct the proposed activities.

#### **Snook Haven Park and Addition**

As a consultant to Sarasota County, DMK has provided Phase 1 services to improve the original Snook Haven site at the end of Venice Avenue adjacent to the Wild and Scenic Myakka River. This phase consisted of designing improvements to the existing docking and boat ramp facilities. DMK prepared a layout for replacing the existing three (3) piers and the U-shaped dock adjacent to the existing boat ramp. Our design included new concrete structures, including a proposed fishing pier, a stepped kayak/canoe launch and living shoreline. The design included expanded parking and improving drainage near the boat ramp to avoid siltation.

In 2014, Sarasota County decided to expand Snook Haven. As engineer of record for the first phase, DMK also designed and permitted the second phase. This Phase 2 expansion took place over three acres, upstream and adjacent to the original Snook Haven site. The expansion provided new boat docks and an improved boat ramp, together with additional parking for boats and trailers, all constructed with minimal disturbance to the large, heritage oak trees covering the site utilizing pervious pavement. As part of this project, we updated the existing boundary survey to include ingress, egress and other easements as recorded, and conducted a bathymetric survey of Myakka River, up to 50' from the shore, along the west shoreline of the property, including 50 feet north and south of the property line (500'+). DMK provided the design for this phase and met several times with FDEP regarding permitting and other regulatory services necessary to improve this Snook Haven site including support facilities.

Following the design of Phase 2, DMK finalized the permitting of both Phase 1 and 2 improvements through FDEP and obtained a submerged land easement from the State of Florida. DMK obtained permitting approval including FDEP Environmental Resource Permit; FDEP Wild and Scenic River Permit; WNCA exemption through Sarasota County and ACOE permit. DMK assisted Sarasota County during the bid phase and construction phases as Engineer of Record. Construction final completion was May 11, 2018, approximately 2 months later than the original contract time due to unforeseen impacts due to gopher tortoise burrows; additional work added to contract; and unsubstantiated delays by contractor. The project was constructed under the contract amount. Mr. Maheu was the Project Manager and Engineer of Record for the project.

#### Legacy Park, Venice, FL

DMK led the design and permitting of this project. The 10-acre site is located within the Seaboard Venetian Master Planning area in a "campus" of public properties including the Historic Venice Train Depot, Sarasota County Area Transit transfer station, Marina Park Boat Ramp, Venice Historical Society, Legacy Trail and Venetian Waterway Park. Hatchett Creek, a natural waterway, is located along the northern and eastern boundary of the site. The City of Venice objectives were to: 1) Design and permit restoration of Hatchett Creek along the park property. 2) Evaluate a variety of multi-modal transportation options to and from the park and the impacts to adjacent public facilities and neighborhoods (PD&E Study). 3) Evaluate the existing structure on site for possible re-use as a restroom. 4) Perform public workshops to

obtain community feedback 5) Design and permit park amenities 6) Suggest fundraising opportunities for the proposed project 7) Assess overall Legacy Park campus (adjacent public properties) for compatibility of future recreational uses. Hatchet Creek improvements designed and permitted by DMK included a kayak launch, observation deck, channel dredging and shoreline restoration. Mr. Maheu was project manager and project engineer in charge of all design and permitting for the project.The design of the project was completed in 2014 and construction was completed in November 2015.

#### **Garden of the Five Senses**

DMK led the design and permitting of the Garden of Five Senses Improvement project for the City of North Port to provide patrons with more accessibility features on-site. The project consists of a 1,049 LF accessible meandering recreational trail with benches, trash receptacles and passing spaces for handicap users adjacent to the Boundless Adventures Playground, two (2) additional pervious paved handicap parking spaces where grass parking currently exists, and enhancement to the existing restrooms to provide handicap users a more accessible facility.

## **Tom Ballenger**

#### **OVERVIEW:**

Mr. Ballenger is a licensed professional engineer in Florida with over 25 years' experience in civil engineering design and project management with career diversity in both the public and private sectors. Mr. Ballenger is proficient in storm water modeling and the use of related software such as AutoCAD, ICPR, PONDS and MODRET. He has spent 7 years as a project manager on related projects for other firms such as GAP Engineering. Tom Ballenger has been with DMK for 2 years and is currently pursuing his master's degree in engineering management at Penn State University to further his abilities here at DMK. During his time here at DMK he has gradually increased his workload from project designs of \$10-\$15,000 to more detailed projects ranging from \$60,000 - \$70,000 design costs. He has taken on a great deal of involvement within DMK's public sector clientele and continues to grow his relationships with our surrounding public entities.



#### **EDUCATION:**

#### **EXPERIENCE HIGHLIGHTS:**

#### Bachelor of Science, Civil Engineering, University of Florida, 1997

Master of Science, Engineering Management, Penn State University, 2025

#### **REGISTRATIONS:**

Florida Professional Engineering License PE59254

#### HJ CCPS Professional DC Parking

This project consisted of the design and permitting services for the construction of parking lot modifications at the Professional Development Center located at 22362 Hancock Ave. in Charlotte County. To increase security at the school, CCPS found it necessary for DMK to design the following changes: removal of parking spaces, additional parking, pavements markings, signage, and details. Permitting was completed through Charlotte County and a short form modification through SWFWMD. As project manager, Tom Ballenger was responsible for the forward progression of this project including design, permitting and limited construction phase services.

#### MCO Book Storage Modular

Charlotte County Public Schools (CCPS) contracted DMK Associates to complete the civil/site design services needed to construct the Murdock County Office Modular for excess storage. The project tasks consisted of a topographical survey, design, construction plans, permitting, and construction phase services. Tom Ballenger is the Project Manager, responsible for the day-to-day tasks of the project as well as the technical aspects. The permitting for this project consisted of a short form modification through SWFWMD.

#### Deep Creek Elementary School and Vineland Elementary School Firelines

This project is for CCPS for the design of existing water main extensions for fire lines to serve proposed portable classrooms at Deep Creek and Vineland Elementary schools. The tasks specific to this project are the topographic survey, final design, construction plans, permitting, and construction phase services. Tom Ballenger is the Project Manager for this Water Main Extension Design & related services.

#### Liberty Elementary School Fire Lines / Liberty Elementary School Portable

Under the same library, Charlotte County Public Schools (CCPS) contracted with Harvard Jolly to do some site work at Liberty Elementary School caused by Hurricane Ian. Tom Ballenger is the Project Manager for this project as well, increasing his synergy with County staff. CCPS needed to add a modular classroom to the proposed site. The project tasks consist of site, grading and drainage plans, water main extension for a fire line, utility plan for water and sewer service and a fire access drive required by the Fire Marshall. Permitting was through SWFWMD and Charlotte County Utilities (CCU).

#### West Transportation Renovations - Charlotte County Public Schools

Another project where DMK has teamed with an architect was in the West County Transportations Bus Depot Improvements. The tasks included survey (Boundary, Topo and Tree), design, permitting, bid and construction phase services. The specifics of the project included the removal of the underground fuel and waste tanks and replacing those tanks with above ground tanks and stored in a different site location. These tanks included diesel fuel, gas fuel, engine oil waste, transmission oil waste, waste oil, and antifreeze waste. Another portion of the project included the rebuilding of the south driveway and tie into the bus parking lot with gated entry. Requiring a storm culvert over an existing swale. Permitting included a SWFWMD Permit Modification.

#### Franz Ross Park – Charlotte County

Franz Ross Park is the County Park behind the YMCA in Port Charlotte. Charlotte County Parks and Recreational staff wanted to increase the accessibility of the Disc Golf Course and contracted DMK to design a winding trail throughout the forest allowing users a more pleasant experience while using the course. Additionally, the design was completed to ADA standards allowing all users access to the new features of the course. These features also included the addition of tee boxes enhancing the sporting experience. This project consisted of geotechnical, environmental, survey, and general data collection for evaluation of existing conditions. Conceptual, schematic design, permitting, construction documents, bidding phase services and limited construction phase services. This project is currently in the close-out phase awaiting Charlotte County final inspection and a change order approval for the contractor that needs to be seen before the Board on December 12th, 2023. Specific permitting that was needed for this project included the Preliminary Site Plan and Final Site Plan for review by Charlotte County and concurrently an ERP with associated Pre-application meeting with SWFWMD.

#### Ann & Chuck Dever Regional Park – Charlotte County

Like these prior projects, DMK was chosen for the civil design of the walking path expansion and enhancement. The project is to connect the existing sidewalks at the football fields with a new walking path around the perimeter of the practice field and connection of existing walking paths east of the maintenance building to new walking paths. The design is to increase efficiency and functionality of the park. This project held the same tasks in data collection, conceptual and schematic design, permitting, construction plans, bidding, and construction phase services. However, we have just started this project. A survey has been received and the Project Manager will be meeting with Charlotte County Staff in the next couple of weeks for their initial on-site visit.





#### EDUCATION:

University of South Florida |Bachelor of Science in Civil Engineering | 2000

## REGISTRATION AND LICENSES:

Civil Engineering | FL 63113 |

## PROFESSIONAL AFFILIATIONS:

American Society of Civil Engineers

Peace River Engineering Society, Past President

Sarasota County Stormwater Environmental Utility Advisory Committee

Florida Stormwater Association

Gulf Coast Builders Exchange

## EXPERIENCE SUMMARY

Tim Roane is a licensed professional civil engineer in the state of Florida with 20 years' of experience ranging from project management, stormwater design, utility design, and general site/civil engineering to permitting and construction management. Through his extensive knowledge of design aids, such as Auto CAD, ICPR, Modret, and Water CAD he has designed and permitted a diverse background of development services projects ranging from neighborhood communities to regional stormwater facilities, schools, roadways, and utilities. During his career, Mr. Roane has permitted numerous projects through the South Florida Water Management District, the Department of Health, the Florida Department of Environmental Protection, and the United States Army Corps of Engineers.

Mr. Roane recently joined the RWA team in November 2022 and will lead one of RWA's engineering teams serving as the Senior Project Manager and Project Engineer. He brings with him a diverse portfolio of project experience having served both private and public sector clients throughout the Southwest Florida region.

#### REPRESENTATIVE PROJECTS

(Previous experience prior to Mr. Roane joining RWA)

William R. Gaines, Jr. Veterans Memorial Park, Phase 1|Charlotte County, FL| Project Manager – Designed and permitted the first phase of improvements for the William R. Gaines Jr. Veterans Memorial Park. Services provided included professional survey, data collection, master site planning, architectural design, playground design, structural engineering, site lighting, landscaping, stormwater management design, permitting and environmental services. Phase 1 included the addition of ADA accessible paved parking and overflow grass parking, a second park entrance at the Edgewater Drive/Port Charlotte Boulevard roundabout, ADA accessible sidewalks and pathways, a picnic pavilion, Florida friendly landscaping, irrigation, wetland mitigation and a military service themed playground incorporating ADA accessible elements for children. All permitting services were included to navigate through the United States Army Corps of Engineers (USACE), Southwest Florida Water Management District (SWFWMD), and Charlotte County. Through construction, worked with the County's Construction Manager (CM) at risk to deliver the project at a guaranteed price. Phase 1 of the project was completed on schedule, with the Ribbon Cutting Ceremony held in September 2020.

## Port Charlotte Beach Park Parking and Stormwater Improvement | Port Charlotte | Charlotte County, FL|

Engineer of Record (EOR). Port Charlotte Beach Park Parking and Stormwater Improvement, Port Charlotte, Charlotte County, FL: Project Manager, In 2017, designed and permitted improvements to the Port Charlotte Beach Park through Charlotte County's Facilities Construction & Maintenance Department. The project involved design of additional beach parking, pedestrian access, and improved traffic circulation by adding a new direct access drive for boat trailers. The stormwater system was designed to meet the most current water quality standards for the Southwest Florida Water Management District (SWFWMD) and Charlotte County. In addition, native landscaping, and an outdoor events lawn capable of hosting a portable stage for live music was included in the design. The project design and permitting was completed in 2018 with construction certified in February 2020.

**Port Charlotte Beach Park Sailing Center | Port Charlotte | Charlotte County, FL|** Project Manager, Designed and permitted construction plans for the Port Charlotte Beach Sailing Center. This area of the park is home to the Port Charlotte Sailing Club. The improvements associated with this phase of the park consist of an enclosed workshop, covered boat storage, security fencing, a covered pavilion for outdoor trainings/events and improved pedestrian access to the electric boat hoist. The groundbreaking ceremony for this project was held October 2020 and construction was schedule for completion by early 2021.

#### Lake Betty Park | Port Charlotte | Charlotte County, FL|

Project Manager. The project involved design and permitting of a bathroom building, sidewalks and utilities for Lake Betty Park. The utility systems consisted of a water service and grinder pump station designed to meet Charlotte County Utility (CCU) Standards.

#### Siesta Key Beach Park | Sarasota County, FL |

Project Engineer. The Siesta Key Beach Park project consisted of a \$21 million dollars of park and infrastructure improvements. Construction started in 2013 and opened February 2016. Construction was carefully sequenced to minimize interruption during peak tourist season. Services included programming, park design, utility design, site civil design, landscape architecture and permitting through the Southwest Florida Water Management District (SWFWMD), Florida Department of Environmental Protection (FDEP), Sarasota County Utilities, and the United States Army Corps of Engineers (USACOE).



#### Shamrock Park and Nature Center | Sarasota County, FL |

Project Engineer. Design and permitted improvements to several park nodes in order to bring park into compliance with American with Disabilities Act (ADA) standards. Improvements consisted of parking, curb ramps, sidewalk, ADA benches, ADA picnic pavilions and bike racks.

#### Melbourne Bridge | Charlotte County Engineering | Charlotte County, FL |

Project Manager, provided Construction Engineering Review and Inspection services through the design and construction of the Melbourne Bridge identified FDOT Bridge No. 014150. During the project design phase, services consisted of the review of design plans and provided comments and recommendations. The work also included review of all submittals, construction schedules, Maintenance of Traffic (MOT) and sequencing plans prior to the Notice of Commencement and start of construction. Project Management services were provided to ensure that proper coordination of the activities of all parties involved in accomplishing completion of each project was achieved. These services included: conducting on and off-site meetings, assisting in communication with stakeholders, coordinating with Charlotte County Staff, determining and documenting of schedule impacts, documenting all quality assurance testing, maintaining complete and accurate records of activities related to each project, and recommending solutions to the County Project Manager to resolve disputes which arose in relation to the construction contract. As the on-site representative, the Contractor's construction operations and progress were monitored and recorded. Verification that construction was performed in general conformance with approved designs and other elements of the Contract Documents was provided. Also provided was the review of as built plans and the certification of completion submitted by the Engineer of Record, for conformance with the contract documents and advised the County accordingly. Verification of the Contractor's measurements as part of the final quantities, and assistance with final project close out was provided.

## **Robert Stanley, P.E.**

#### **OVERVIEW:**

Mr. Stanley is a Senior Project Manager and Associate with DMK Associates, Inc. responsible for utilities projects. He has over 40 years' experience in the management, design and support of process facilities, utilities piping, and specialty equipment. He has received two US patents.



#### **EDUCATION:**

#### **EXPERIENCE HIGHLIGHTS:**

Bachelor of Science, Mechanical Engineering, Ohio University, 1975

#### **REGISTRATIONS:**

Professional Engineer, Florida No. 62505

#### **CERTIFICATIONS:**

PACP/MACP/LACP Certified

#### **AFFILIATIONS:**

American Water Works Association

# **Longboat Key Lift Station 9C** DMK inspected Lift Station 9C, evaluated its condition and prepared a set of plans for the rehabilitation. Plans included a survey, site demolition, pump specifications and test results and an analysis of lift station flows in addition to concrete repair, lining and electrical work. DMK provided inspection and contract management services.

#### Longboat Key Rehabilitation of Lift Station 8F

DMK inspected and evaluated the existing condition of Lift Station 8F and prepared a set of plans for its rehabilitation. Plans included a survey, site demolition plan, and pump specifications. DMK also tested lift station performance and flows. Design is now complete and is headed into Bid Phase. DMK provided construction engineering inspection and contract management.

#### Longboat Key Lift Station 4F and H

DMK evaluated the condition of & provided plans for the refurbishment of 2 existing lift stations which were due for cleaning, repair & refurbishment as well as updating the controls. A physical inspection of equipment and structures was completed and a pump down test performed to establish current operating conditions. This work was followed up with a topo survey of both sites and a geotechnical core sample near each wet-well. Record drawings of each lift station and the surrounding utilities system were examined and then a list of recommended repairs and replacements was created for each lift station. DMK provided plans, specs and bid documents as well as providing owner's representative on site, day to day construction observation and inspection, shop drawing approval and other contractor's submittal review and approval, construction coordination with contractor, owner, and conflict utilities, startup observation, and final punch list. Construction was completed in February of 2010.

#### Longboat Key Rehabilitation of Lift Stations G and 2D-A

Evaluate the condition of and provide plans for the refurbishment of 2 existing lift stations and bring controls up to date. Lift stations were constructed in 1972 and due for cleaning, repair, and refurbishment. DMK performed a physical inspection of the lift station equipment and structures and performed a pump down test to establish current operating conditions. A topographical survey of both sites and a geotechnical core sample near each wet-well was performed. DMK also gathered information by examining record drawings of each lift station and the surrounding utilities system, then created a list of recommended repairs and replacements for each lift station. DMK provided a set of plans; specifications and bid documents for the repair of these lift stations.

#### **Mote Sturgeon Aquaculture Process Documentation**

DMK was retained by the The Mote Aquaculture Park (Mote) to develop a standard documentation package for their Sturgeon Aquaculture process which grow sturgeon from fertilized eggs to adult fish, producing premium caviar and meat for the commercial market. During this growth, the fish are transferred through a series of six increasingly larger aquaculture modules to nurture and acclimate them until they reach maturity. Each module has its own unique temperature control, oxygenation, and biological water treatment sub-systems. Once the fish are mature and fully grown, they are transferred to a seventh module for meat and caviar processing. DMK provided reverse engineering services to verify the process and document the layout, piping, tanks, and individual components of each of the seven modules. DMK also provided an overall documentation package for the Mote Park site and the onsite utilities. The documentation produced for each module included:

- Process flow diagram
- Equipment list showing the manufacturer, model and capacity for all pumps and equipment.
- Bill of materials listing the individual purchased and custom manufactured components
- Pipe list including pipe size, material types, pressures, and flow rates
- Building layout and elevations
- Equipment layout and elevations

• Detailed piping drawings of each process water, makeup water, oxygen, wastewater, cleanup, and aeration sub system.

• Electrical and control diagrams, including power distribution, sensors, actuators, and operating description of the PLC logic.

- Details of custom fabricated components
- Technical specifications for components and construction
- Recommendations for improvement of process and equipment
- Estimated cost for construction

The site and utilities documentation package included an overall project site layout for all the buildings and roads, plus stormwater plans, electrical power distribution, backup generators, telecommunications and computer network plans, and piping drawings for compressed air, oxygen, potable water, makeup water, process effluent and wastewater systems connecting each of the buildings. DMK also produced a process operations manual documenting the process operating limits and recommended operating procedures for the process modules.

#### **Belvoir Boulevard Water Main Permitting**

DMK was contracted by the City to document an existing water main extension, verify that it meets existing regulations, file a FDEP water main extension permit application and place the water main into service.

#### **Hibiscus Avenue Water Main Replacement**

The City of Sarasota desired to replace an existing 3" asbestos cement water main. DMK was contracted to perform survey, design, permitting and construction services for installation and commissioning of the new water main

#### **Taylor Ranch School Water Main Extension**

Engineering services for installation of 950 linear feet of 10" potable water main extension between National Boulevard and Taylor Ranch School. Services included survey, geotechnical investigation, environmental permitting, design, bid and construction inspection. DMK's Survey department provided a boundary and topographical survey of the easement for a watermain extension which also included delineation of a wetland boundary and the location of existing stormwater, water, and wastewater utilities.

#### **Dearborn Street Utility Relocations**

DMK provided services which included preparation of construction plans, permitting and bid phase services to relocate or adjust the water mains, sewer force mains, water service lines, and vacuum sewer system as required to avoid conflicts with the low impact development drainage system being designed for the West Dearborn Project. The project included relocating or adjusting the Englewood Water District's (EWD) system of water and sewer lines along the approximately 3

miles of roadways that are part of this project. DMK determined the appropriate adjustments to minimize and solve the conflicts between the LID improvements and EWD lines.

#### Loop Phase 1A Interconnect

Following a feasibility study completed by Charlotte County Utilities, the Peace River Manasota Regional Water Supply Authority obtained financing support from SWFWMD and moved forward with the design and permitting of this 12-mile 24" pipeline Regional Integrated Loop System that will connect the water supply systems of the PRMRWSA, Charlotte County and the City of Punta Gorda. The crossing of Peace River, approximately 7,200 feet, was designed and successfully permitted as an open cut across the River.

The project includes an above ground storage tank, together with a high service pumping system, controls, chemical adjustment and point of delivery meters. The pumping system is a variable frequency system designed to provide minimum maintenance flows of 0.5 MGD, as well as to deliver up to 6 MGD between the Peace River Plant, owned by the Peace River Authority and the City of Punta Gorda Shell Creek Water Plant, while providing a number of tie-in points into the Charlotte County transmission system.

Permitting involved practically every regulatory agency in the State of Florida as well as the US Corps of Engineers, EPA and the US Coast Guard. Construction began in March 2011 and was completed in September of 2013.

#### **Discovery Drive Meter**

DMK completed the design drawings for an additional meter on the Phase 1A Pipeline. DMK prepared and submitted the FDEP watermain construction permit application, subcontracted a gopher tortoise survey and submitted the FWG gopher tortoise permit application as well as prepared and submitted the DRC permit application for the meter.

#### City of Cape Coral Water Main Interconnect

Charlotte County Utilities constructed an interconnect capable of providing 4 MGD of bulk water between the City of Cape Coral and the County. The interconnect took place along Burnt Store Road and involved a water line connection and a flow meter at the Charlotte- Lee County line, and approximately 1,100 feet of water line along Burnt Store Road, to the existing Burnt Store R.O. Water Treatment Plant. This project was coordinated with the Charlotte County-City of Punta Gorda interconnect project. As CCU's consultant, DMK evaluated several alternative water main locations along Burnt Store Road and recommended the most feasible alternative to the County. DMK prepared preliminary plans, as well as final construction plans, and permitting services during bidding and construction

#### Port Charlotte to Punta Gorda Emergency Water Interconnect

The preliminary work includes route investigation, hydraulic modeling, and design of an emergency water interconnect between the Charlotte County and Punta Gorda water systems. This 24-inch transmission line will be 22 miles long. The pipeline will include a pumping and storage facility and a 6400 ft long horizontal directional drilled crossing of the Peace River.

#### Hunter Creek Subdivision Water and Sewer System

Design of the water and sewer utilities for a 24-lot subdivision east of Punta Gorda, FL. The sewer system included 2 lift stations and an off-site low-pressure force main to connect to existing private utility facilities. The water system included one sub-aqueous crossing.

#### Water System Modeling Charlotte County Utilities

Completed various Water CADD system models to support ongoing upgrades of the CCU water system. These included an evaluation of pump station flows at increased demand, and evaluation of an emergency interconnect with the Englewood Water District.

#### Rotonda Villas Water and Sewer System Evaluation

Conducted an evaluation of the design and operational readiness of the water and sewer systems in a 3580-lot

subdivision. The systems were constructed 13 years ago under dry system permits and the property owners were requesting activation. Activities included development of a test and inspection plan, oversight of environmental and geotechnical surveys of the project areas, investigation of historical aerial photographs and previous dredge permits. Reviewed and compiled the technical information from these investigations and prepared the joint applications packages for submittal to FDEP for permit exemption.

**South Creek, Dale Lake, and Brucewood Bayou Maintenance Dredging** Preparation of feasibility studies and permit exemption submittals for the maintenance dredging of manmade water ways in Sarasota County Fl. Project activities included oversight of environmental and geotechnical surveys of the project areas, investigation of historical aerial photographs, investigating previous dredge permits. Reviewed and compiled the technical information from these investigations, and prepared the joint applications packages for submittal to FDEP for permit exemption.

## John Pari

#### **OVERVIEW:**

John Pari is a licensed civil engineer in the state of Florida with 20 years' experience in large public works projects with a focus on solving stormwater and associated permitting problems. Through his extensive knowledge of ICPR, Civil 3D and GIS tools & groundwater software, he has designed and permitted a wide range of projects from sidewalks, roadways, stormwater rehabilitation, canal maintenance & stabilization. Mr. Pari has also designed & permitted drainage systems for various Land Development projects.



#### **EDUCATION:**

### **EXPERIENCE HIGHLIGHTS:**

Pelican Drive & Lime Avenue Drainage Study

#### Bachelor of Science, Civil and Environmental Engineering, University of Rhode Island, 1988

**REGISTRATIONS:** 

Florida Professional

**Engineering License** 

No. 56368

No. 6298

#### Project Engineer. The Pelican Drive & Lime Avenue drainage study project is located within the City of Sarasota limits that addresses localized flooding. Located within Hudson Bayou, Sarasota County master stormwater model was updated to reflect current post-developed conditions. Several design alternatives were investigated and incorporated into the County master model. A cost/benefit analysis was completed for each design alternative and recommendations made to Client.

#### **Rubonia Subdivision Stormwater Improvements**

Engineer of Record. This 40-acre site required stormwater rehabilitation and water quality improvements to McMullen Creek. Inclusion of concrete sidewalk and various utility adjustments were additional design elements. Permitting was secured through SWFWMD / ACOE and through the District's Cooperative Funding Initiative to improve water quality discharges to McMullen Creek. This **Rhode Island License** project reduced 10,000 lbs. of TSS, annually from McMullen Creek.

#### **CR 675 Canal Relocation**

Engineer of Record. This project involved evaluation of various channel configurations to ensure no stage increases 500' upstream / downstream of project limits for the 2, 10, 25, and 100-year storm events. Project elements included a 20' wide maintenance berm and new guardrail. Post design responsibilities included shop drawing review, answer RFI's and review of Contractor pay applications.

#### **Bay West Canal Piping Improvements**

Engineer of Record. This project eliminated maintenance for 1/3 mile of County drainage channel. Permitting was necessary to ensure no stage increases occurred upstream or downstream of project limits. Other project elements included a paved bike lane and signage constructed above the piped channel.

#### 53rd Avenue West, Phase II

Engineer of Record. This 2.0-mile project included design/permitting of two (2) additional roadway lanes, left / right turn bays, raised median, sidewalk, linear dry ponds and wet detention system. Where applicable, Linear dry ponds were incorporated on some roadway segments requiring a significantly smaller footprint than wet detention ponds (originally designed). This design modification saved the County money in terms of land acquisition.



#### EDUCATION:

Louisiana State University | Masters of Landscape Architecture | 2003 Mississippi State University | Bachelors of Science | Landscape Construction | 1993 University of Memphis | Finance Major | 1991

#### LICENSES:

- FL Registered Landscape Architect LA#6666882
- FL Licensed Real Estate Sales Associate #SL3378296
- FL Licensed Public Pest Applicator for Turf & Ornamentals

#### **CERTIFICATIONS:**

CLARB Certified Landscape Architect Leed® Ap for New Construction IA Certified Irrigation Contractor IA Certified Irrigation Designer IA Certified Irrigation Auditor ISA Certified Arborist (Acquiring) FDOT Pre-Qualified Consultant FDOT TTC Advanced Certified FLDEP Qualified Stormwater Management Inspector EPA Watersense® Partner FEMA Certified IS 100, IS 200, IS 700, & IS 800 FL Division of Emergency Management Certified G-300

#### **INDUSTRY TRAINING:**

FDOT LAP Contract Management FDOT Highway Landscape & Outdoor Advertisement Regulations Florida ADA Standards Irrigation Association Training RainBird Irrigation Training Toro Irrigation Training USC Cross Connection Control

## EXPERIENCE SUMMARY

James M. McCord is an award-winning landscape architect, certified irrigation consultant, site lighting consultant, and former landscape / irrigation contractor with nearly 40 years experience for both public and private sector projects in 4 states (Florida, Louisiana, Mississippi, & Tennessee). Since 2002, James has been involved in the planning, design, contract management, and construction observation for hundreds of projects throughout Florida. His projects include urban streetscapes, downtown redevelopments, roadways, utilities, universities, parks, recreational facilities, entry features / signs, community amenity centers, commercial projects, and residential developments. As RWA's Director of Landscape Architecture, James oversees all landscape, irrigation, and site lighting design services for all private and public sector clients. Prior to his joining RWA in 2023, he worked as a subconsultant since 2013.

## REPRESENTATIVE PROJECTS

#### Charlotte County Government:

Senior Landscape Architect and project manager for the Charlotte County's Landscape Architectural Continuing Services Contract:

- Provided landscape and irrigation design and permitting services for Oyster Creek Environmental Park and North Charlotte Regional Park.
- Prepared landscape exhibits and provided cost-to-cure analysis for the Piper Road project.

Lead Landscape Architect for the Myakka River Park landscape and irrigation improvements.

#### City of Cape Coral:

Senior Landscape Architect and project manager for the City of Cape Coral's Continuing Services Contract:

- Provided master plan services for the CRA's Club Square downtown public/private revitalization project.
- Designed landscape/irrigation construction drawings for 33 well sites and 2 Reverse Osmosis Reuse Water Plants for the city-wide Utility Expansion Project .
- Provided landscape design and permitting services for the Historic Fire Station Number 1 Restoration Project.

#### LeeCountyDepartment ofTransportation:

Senior Landscape Architect and project manager for the Lee County's Landscape Architectural Continuing Services Contract:

- Created the Gateways Master Plan for 7 gateway roads and 7 interstate interchanges.
- Provided design and grant support for the Palm Beach Blvd / I-75 Interchange project.
- Prepared a 23 mile Roadway Landscape Opportunity Analysis Corridor Study of US-41.
- Designed 13 roadway landscape / irrigation projects which included FDOT and SWFMD permitting, outdoor advertising statute compliance coordination, and utility company coordination.

#### Collier County Road Maintenance Division:

Operations and Project Manager for the Collier county Road Maintenance Division:

- Provided roadways landscape / irrigation design, grant support, FDOT permitting, utility coordination, bidding assistance, contract management, and construction observation services for numerous Collier County roadways.
- Oversaw the 35 ton La Donna Sculpture erection project in a County right-of-way.
- Managed the 122 mile irrigation system within the Collier County right-of-ways.

#### Pine Island Preserve:

Senior Landscape Architect and project manager for the master planning and grant support services for a 230-acre eco-tourism park on an environmentally significant site along Pine Island Sound in Lee County, FL .

#### The Canterbury School:

Senior Landscape Architect and project manager for the landscape / irrigation design, zoning amendment, permitting, and construction observation services for a 32-acre private school site in Fort Myers, FL including the student plaza, a learning arboretum, relocated gopher tortoise habitat, a stormwater filtration rain garden, and the athletic fields.



#### **AWARDS & HONORS:**

ASLA 2002 National Annual Design Competition First Place

FLASLA Merit Award

- Soliant Top 20 Most Beautiful Hospitals in USA, Gulf Coast Medical Center, Top 5 Multiple Years
- City of Gainesville Outstanding Achievement Awards, Multiple Projects and Years
- FPZA Outstanding Development Award

Memphis City Beautiful Awards, 7 Properties

Apartment Association Diamond Achievement Award, 3 Properties

#### **PUBLICATIONS & MEDIA:**

Gulfshore Business Magazine Greater Baton Rouge Business Report ASLA Magazine Memphis Commercial Appeal Verandah Magazine AutoExec Magazine

#### COMMUNITY INVOLVEMENT:

Cape Coral Planning & Zoning Commission Cape Coral Parks Master Plan Selection Committee Lee County DOT Roadway Landscape Advisory Committee Leadership Lee County Alumni SW FLASLA Government Affairs Committee Fort Myers Rotary Club Fort Myers Police Athletic League

#### Brownsfield Elementary Magnet School:

Lead designer for a ASLA award-winning Master Plan creating a community park (SPARK Park) in a low-income neighborhood on an existing a public schoolsite in Baton Rouge, LA.

• Created a GIS map utilizing Census Tract demographic information for Baton Rouge Green to locate and prioritize future SPARK Parks to be built in East Baton Rouge Parrish.

#### San Carlos Estates Water Control District:

Acted as District Landscape Architect to provide landscape design, public presentations, bidding assistance, contract management, and construction observation services for a 1000-acre subdivision and 5 miles of storm water canals.

• Designed a bank stabilization program to restore the natural vegetative communities, mitigate bank erosion, increase stormwater runoff water quality, and enhance the visual aesthetics for the residents.

#### Jacksonville Streetscape Downtown Amenities:

Senior Landscape Architect and project manager overseeing the design / build pilot project to start the revitalization of the streetscapes for the entire downtown district of Jacksonville, Florida.

• Integrated the Downtown Streetscape Master Plan design elements while modifying them based on the existing site conditions and provide construction drawings on an accelerated design / build pace.

#### St. John's County Disc Golf Course:

Senior Landscape Architect and project manager for a design team to repurpose an existing County's golf course abandoned 9 holes into a tournament level / championship disc golf course.

- Worked alongside Houck Design on the hole layout feasibility based on earthwork, existing topography, construction budget, and playability.
- Designed the topographic features, hazard features, lake expansions, course grading, and planting; provided custom construction detailing; generated the opinion of probable costs, and created the bidding documents.

#### Florida GulfCoast University:

Senior Landscape Architect and project manager numerous projects located in a 700 acre public institution:

- Designed the Quadrangle Plaza Master Plan.
- Provided landscape / irrigation design, permitting, and construction observation services for the Sugden Welcome Center .
- Created the Irrigation Infrastructure Master Plan for the campus-wide conveyance system.
- Provided landscape / hardscape design and construction observation services for six pedestrian plazas throughout the campus including the Alico Arena Site.

#### FDOT District 3 Irrigation Design & QAQC:

 $\mathsf{QA}/\mathsf{QC}$  manager to review and revise irrigation plans for numerous FDOT roadways located in District 3.

#### ${\small SWF lorida Christian Academy Sports Complex:}$

Senior Landscape Architect and project manager for master planning and permitting services for a high school athletic facility complex.

#### Mid-America Apartment Communities, Inc. (MAA on the NYSE) :

Division manager for the Landscape Construction Division of a Real Estate Investment Trust that operated in 14 States overseeing all landscape/hardscape capital improvement projects and budgets for 18 Memphis, TN properties including the national headquarters:

• Designed and built community parks, recreation facilities (tennis courts, beach volley ball, play grounds, etc.), trails / walks, outdoor gathering areas, retaining walls, water features, commercial pools, and other community amenities.

## Jay McLeod, P.S.M.

#### **OVERVIEW:**

Mr. Jerome McLeod is a Project Surveyor with over 36 years of experience as Field Crew Supervisor and lead Project Surveyor for route surveys and the preparation of survey control maps on strategic projects for the firm. He has supervised as many as five crew operations on a variety of projects for the firm.



#### **EDUCATION:**

## EXPERIENCE HIGHLIGHTS:

## Booker High School/Orange Avenue Realignment

DMK Survey staff provided onsite survey services for the Booker HS project including boundary and topographic surveys for onsite and offsite areas. DMK also provided the survey for the re-routing of Orange Avenue Right of Way and property acquisition plats for lots adjacent to Orange Avenue that were required for the construction of new Orange Avenue. In addition, DMK provided sketch and descriptions for the bonds that were issued for the construction of the proposed improvements. DMK also provided construction staking during construction of the project.

#### Englewood Elementary Neighborhood Enhancements

Design and SWFWMD permitting of five-foot-wide sidewalks in the Englewood Community Redevelopment Area (approx. 8.0 miles of sidewalks). The survey portion required coordination with Englewood CRA, horizontal and vertical control survey and topographic survey.

#### **Charlotte County Vertical Control Network**

DMK was selected by Charlotte County Public Works to perform all surveying services for the expansion of the Vertical Control Network. The purpose of this leveling project along highways, streets and county roads is to densify the vertical control for use in the establishment of the FEMA Flood Insurance Program and to add benchmarks for inclusion in the National Spatial Reference System (NSARS). The leveling will support many types of surveys requiring accurate heights. The network will also allow for the improvements of the geoid model, better heights for flood mapping projects, highway evacuation surveys, emergency management and future projects by other agencies.

#### **City of North Port Bus Shelters**

Sarasota County contracted DMK to perform topographic and location surveys at existing bus stop for bus shelter within the right of way of U.S. 41 at approximately 6 locations, locating existing ground features and drainage, setting horizontal and vertical controls.

#### Burnt Store Road, Punta Gorda

Widening of Burnt Store Road between the Lee County line and Zemel Road. The DMK survey crews completed a control survey, route survey for engineering, 131 sketches and descriptions and right-of-way maps.

Manatee Community College: Route Surveying Legal Descriptions

#### **REGISTRATIONS:**

Florida Professional Surveyor and Mapping License No. LS5525

## Hugh D. Dinkler, PWS

# Ecological Services Associates

#### Discipline/Specialty

Wetland Delineations and
Hydroperiod Establishment

Habitat Assessments, Listed
Species, Mitigation Design, and
Water Quality Support

 Regulatory and Proprietary Permitting, Compliance, Enforcement, and Litigation Support

 Administrative Hearing and Litigation Support

#### Years of Experience

30 Years

#### Certifications

 Professional Wetland Scientist, SWS, 1995.

Authorized Gopher Tortoise Agent, FWC, 1995.

#### Education

M.S., Agricultural Operations
Management, University of Florida,
1990

B.S., Wildlife Ecology, University of Florida, 1986

#### **Employment History**

Ecological Services Associates,
Managing Ecologist, 2009-Present

Biological Research Associates,
Senior Ecologist, 2004–2009

 SWFWMD, Environmental Manager, 1997-2004,
Environmental Scientist, 1991-1997

#### **Summary of Qualifications**

Mr. Dinkler has over 30-years' experience with environmental permitting, water use permitting, state sovereign lands authorizations, surface water management system design and its relationship to freshwater and marine ecosystems, wetland functions and values, and appropriate wetland mitigation design. Mr. Dinkler has a thorough understanding of surface water management system designs and the state regulatory programs in the Florida, which allow him to carefully review these designs in relationship to the environmental features to ensure these features are protected or enhanced and water quality assurances are provided by the project design; as well able to provide administrative hearing and litigation support for those projects.

#### Wetland Delineations and Hydroperiod Establishment

Mr. Dinkler has conducted or overseen state and federal delineations and established wetland hydroperiods for large residential, commercial, and public works projects in Southwest Florida. Mr. Dinkler's detailed understanding of wetland hydrology is extensively relied upon by the design engineer or hydrogeologist to provide reasonable assurances that adverse impacts to adjacent or integral wetland systems do not occur.

#### Habitat Assessments/Mitigation Design

Mr. Dinkler has conducted investigations and evaluations of ecological structure, functions, and values of native and altered habitats, including flora and fauna for preservation, enhancement, or restoration efforts. Mr. Dinkler has conducted numerous Unified Mitigation Assessment Method (UMAM), Wetland Rapid Assessment Method (WRAP) or other wetland and upland assessments methods. Mr. Dinkler's experience allowed him to develop a new approach for the review of cumulative impacts to Florida coastal fish and wildlife resources based on marine population connectivity concepts rather than using freshwater riverine inflows as resource-partitioning mechanisms.

#### Water Quality Support

Mr. Dinkler has developed water quality and sediment quality monitoring programs to provide pre-development loadings for projects discharging to impaired waters or to meet the pre-development requirements of Development of Regional Impact (DRI) or large complex projects in Florida.

#### Regulatory/Proprietary Permitting, Compliance, Enforcement Support

Mr. Dinkler has been involved with the preparation and submittal of applications to local governments, Water Management Districts, the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, and the Florida Fish and Wildlife Conservation Commission.

#### **Administrative Hearing and Litigation Support**

Mr. Dinkler has served as an expert witness in the administrative hearing arena associated with regulatory challenges to local, state and federal permit applications or proprietary authorizations. Mr. Dinkler's thorough knowledge of federal, state, and local regulations and state proprietary processes have allowed him to provide litigation support that have facilitated positive outcomes for clients in Florida.

## Hugh D. Dinkler, PWS

# Ecological Services Associates

#### Discipline/Specialty

Wetland Delineations and
Hydroperiod Establishment

Habitat Assessments, Listed
Species, Mitigation Design, and
Water Quality Support

 Regulatory and Proprietary Permitting, Compliance, Enforcement, and Litigation Support

 Administrative Hearing and Litigation Support

#### Years of Experience

30 Years

#### Certifications

 Professional Wetland Scientist, SWS, 1995.

Authorized Gopher Tortoise Agent, FWC, 1995.

#### Education

M.S., Agricultural Operations
Management, University of Florida,
1990

B.S., Wildlife Ecology, University of Florida, 1986

#### **Employment History**

Ecological Services Associates,
Managing Ecologist, 2009-Present

Biological Research Associates,
Senior Ecologist, 2004–2009

 SWFWMD, Environmental Manager, 1997-2004,
Environmental Scientist, 1991-1997

#### **Summary of Qualifications**

Mr. Dinkler has over 30-years' experience with environmental permitting, water use permitting, state sovereign lands authorizations, surface water management system design and its relationship to freshwater and marine ecosystems, wetland functions and values, and appropriate wetland mitigation design. Mr. Dinkler has a thorough understanding of surface water management system designs and the state regulatory programs in the Florida, which allow him to carefully review these designs in relationship to the environmental features to ensure these features are protected or enhanced and water quality assurances are provided by the project design; as well able to provide administrative hearing and litigation support for those projects.

#### Wetland Delineations and Hydroperiod Establishment

Mr. Dinkler has conducted or overseen state and federal delineations and established wetland hydroperiods for large residential, commercial, and public works projects in Southwest Florida. Mr. Dinkler's detailed understanding of wetland hydrology is extensively relied upon by the design engineer or hydrogeologist to provide reasonable assurances that adverse impacts to adjacent or integral wetland systems do not occur.

#### Habitat Assessments/Mitigation Design

Mr. Dinkler has conducted investigations and evaluations of ecological structure, functions, and values of native and altered habitats, including flora and fauna for preservation, enhancement, or restoration efforts. Mr. Dinkler has conducted numerous Unified Mitigation Assessment Method (UMAM), Wetland Rapid Assessment Method (WRAP) or other wetland and upland assessments methods. Mr. Dinkler's experience allowed him to develop a new approach for the review of cumulative impacts to Florida coastal fish and wildlife resources based on marine population connectivity concepts rather than using freshwater riverine inflows as resource-partitioning mechanisms.

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## Ray Steele, CAD

#### **OVERVIEW:**

Mr. Steele is a Sr. CAD Designer responsible for creating construction documents for roadway, drainage and utility relocation projects for DMK. He has extensive experience in Computer Aided Drafting through the U.S. Army and the Arizona Department of Transportation.

His 25 years of technical experience includes the design drafting for the stormwater management systems and roadways, developing horizontal and vertical alignments, roadway templates and roadway cross-section and earthwork volume reports. In addition, he has created special roadway, stormwater and structural detail documents. He is proficient in the use of roadway modeling programs such as Microstation and GeoPAK for the design and preparation of transportation and drainage related engineering projects.



#### EDUCATION:

US Army ITT Technical Institute

#### **EXPERIENCE HIGHLIGHTS**:

#### Charlotte High School Campus Reconstruction

DMK performed overall site planning including athletic fields, field house and the football field, a grading and drainage design with an AdICPR model of existing and proposed conditions for entire site as well as access roads, sidewalks, and parking. Utility work included preparation of a site plan showing existing and proposed sewer and water lines, including fire protection, gravity sewers, force mains, lift stations and connection to the City of Punta Gorda water and sewer systems. Permitting included an ERP to SWFWMD, water and sewer line extension permit applications to FDEP, and an application for service to the City of Punta Gorda Utilities Department for water and wastewater improvements.

#### Lemon Bay High School Campus Reconstruction

DMK has been providing engineering and surveying for the Lemon Bay High School campus for over 20 years. In 2007, DMK prepared a Conceptual Master Plan for grading, drainage, and utilities in advance of the proposed reconstruction of the campus, which was originally constructed in the 1960's. DMK gained Southwest Florida Water Management District stormwater design approval for the Conceptual Master Plan in 2007. In 2010, DMK provided Charlotte County Public Schools with phased construction drawings which allowed the existing school to operate during the reconstruction efforts. DMK continues to provide design, permitting and construction phase services for the multi-phase project. Final build-out of the entire campus including 3-story classroom wing, cafeteria, gymnasium, field house, administration buildings, energy plant, athletic fields, bus loop and parking areas is scheduled for completion in 2015.

#### Punta Gorda Middle School Campus Reconstruction

Performed overall site planning, including a grading and drainage design with an AdICPR model of existing and proposed conditions for entire site as well as access roads, v sidewalks and parking. Utility work included preparation of a site plan showing existing and proposed sewer and water lines, including fire protection, gravity sewers, force mains, lift stations and connection to the City of Punta Gorda water and sewer systems. Permitting included an ERP to SWFWMD, water and sewer line extension permit applications to FDEP, and an application for service to the City of Punta Gorda Utilities Department for water and wastewater improvements.

#### City of North Port Water Control Structure Repair

Responsible for creating water control structure replacement plan and profile and details drawings for (3) debilitated water control structures located along major waterways. Also responsible for designing multiple MOT detour options for both structures on Price Boulevard. Worked directly with CONP Utilities Department in creating the plan and profile sheets

for the relocation of the existing 16" DIP force main relocation prior to construction of the water control structure on the north side of Price Boulevard. Created and submitted approved as-built record drawings to the City.

#### Maxine Barritt Park, Venice, FL

DMK performed civil engineering design, as well as complete permitting services for this park, located on a decommissioned wastewater treatment plant site adjacent to the Venice Airport and Pier. This design/build project included parking, access drives, rest rooms, pavilion and shelter locations, playground area, plaza area, boardwalks, multipurpose trails and beach/dune lookouts. DMK was responsible for all aspects of the civil engineering including coastal permitting, stormwater management, utilities design, as well as construction management services. The utilities work included extending existing water and sewer lines along Harbor Road to provide water and sewer service for new rest rooms.

The project implemented low impact design features including porous concrete and grass parking. An ERP permit was applied for and obtained from the Tampa office of FDEP. The Tallahassee office of Beaches and Shores Department issued a CCCL permit, while the sewer and water service permit were obtained from FDEP.

#### Punta Gorda Center, Punta Gorda

This project consisted of demolishing old obsolete buildings and the operation/maintenance facilities and redevelopment with a new site arrangement, a new stormwater drainage and utilities to serve the Center's area an approximately 9.4-acre site. DMK survey staff prepared a boundary, topographic and location survey of site including adjacent offsite improvements necessary for construction plan preparation.
### David F. Milligan, FASLA

Landscape Architect

### **Licenses and Certifications**

Florida Registered Landscape Architect LA#0000809

Leadership in Energy & Environmental Design Accredited Professional (LEED AP, ID+C)

### Credentials

Fellow, American Society of Landscape Architects

International Facility Management Assoc. Facility Management Professional (FMP)

Co-author/Presenter, Florida Accessibility Code lecture, webinar, and sensitivity tour series, Florida-approved Course for Advanced Building Code CEU

### **Awards and Recognition**

Co-author, "Principles of Accessibility Design for Landscape Architecture," 2022, American Society of Landscape Architecture Research Report Series

Parks Maintenance Decisions Magazine, Achievement Award, "Retrofits and Renovations"

National Association of Counties Achievement Award, "Asset Management Program and Software Development"





### **Professional Qualifications**

David Milligan is a registered landscape architect in Florida having a distinguished career of over 35 years in public service. In Lee County, David specialized in providing leadership in professional-level capital project budgeting, programming, planning, site analysis, value-engineering, design, and construction contract administrative management oversight for parks and recreation facilities.

After 14 years with Lee County and two years in private practice, Charlotte County recruited David as Parks, Recreation, and Cultural Resources Capital Projects Manager. He ultimately advanced to become director of the Department of Facilities Construction and Maintenance (FCM) where projects encompassed development of all types of public capital projects in addition to parks. His career spans over hundreds of park projects including neighborhood, community, regional, environmental, special purpose, and multi-phased parks. Project sizes ranged from park infill and improvements, to renovations, to large-scale environmental parks. His multi-faceted career enabled David to develop a keen understanding of not only design aspects, but also public utilization and maintenance considerations for park and recreation facilities.

### **Project Experience**

Following are a few of the many popular, successful projects under David's leadership in Charlotte County:

#### William R. Gaines, Jr. Veterans' Memorial Park

General master planning of Sunrise Park enabled Phase I design and construction consisting of a kayak launch with fishing dock, restrooms, tennis courts, and parking. Following Phase I, the park was selected as the site to honor the marines killed in the Beirut bombing, including a SWFL marine, taking on the current name, and completing master planning accordingly. A future observation tower will be a focal point of this park.

#### **G.C. Herring Park**

Although located in a growing area of Englewood and west Rotonda, this outdated park was underutilized. Most recently, unused open space was converted into a veterans' memorial and armed services flag walk, amphitheater, group pavilion, and renovated parking.

#### **South Gulf Cove Park**

With attention to efficient site design, the master plan responded to developing this oddly shaped, vacant, lakeside neighborhood park site in two phases The park includes a boat ramp, parking, pavilions, basketball court, fishing, and restrooms.

#### **McGuire Park**

This older, underutilized neighborhood park was completely re-master planned and revitalized with the addition a splash pad, restroom, additional parking, and renovated horseshoes, picnicking, basketball, pickleball, and fitness/walking trail, including ample security lighting.

#### Franz Ross Park

This 31-acre community park was constructed over many phases and now includes lit football fields, lit parking, tennis courts, accessible walking path, concession/restroom, and group pavilions.

#### **Bisset Park**

Old, difficult to maintain facilities and unpaved parking contribute to the unsatisfactory conditions at this neighborhood park frequently used for gatherings. Renovations consisted of shuffleboard courts, basketball court, paved parking, playground, and connection of all amenities with paved, accessible walkways.

### III. PREVIOUS EXPERIENCE OF TEAM PROPOSED FOR THIS PROJECT

### A. Resumes Provided

### B. Site plan design

As you may notice, the majority of DMK projects involve civil site plan design. From both our public and private clients, site plan design is by far our most popular project type. Most currently, DMK has created the master plan for the Town Center Green, located in Longboat Key, FL. We also designed the site plan for Bayfront Park, also in Longboat Key (both projects described above in detail). We are currently in negotiations with North Port for two Parks projects, one being a wooded 5+ acre lot and the other being an existing park with much needed renovations. The experience of our team members in civil site plan design is endless, not just from an individual standpoint but as a whole team. Kreg Maheu, Tom Ballenger, Tim Roane, Bob Stanley, John Pari, Jay McLeod, and Ray Steele have all worked on park designs together in the past. Each design follows the same general framework from Programming/Planning to Final Construction Documents. Throughout the years, DMK has been a part of several Charlotte County Park designs and they have all followed this site plan design task flow.

**Programming/Planning:** This task would include the review of the current concept program with County representatives to define the work area to gain understanding of the existing and proposed space requirements. Since DMK has previous site knowledge this portion of the design should go by quickly. This would be the time when we would like to bring in the CM as well. DMK has found the earlier the CM gets involved the better the outcome of the project in its entirety.

**Site Analysis:** Once the general aspects of the design are discussed and agreed upon, DMK then collects existing conditions, geotechnical (if determined this is necessary), and environmental data. DMK survey is responsible for preparing a detailed topographic survey of the work area encompassing all land improvements, i.e. existing access roads, buildings, above ground utilities, etc. Tree surveys have already been completed on both these properties so this should not have to be repeated unless there were new plantings. Boundary and Wetland Surveys would also be completed at this time if it were to be needed for the design.

**Schematic Design:** Using the information obtained from the first two stages, DMK then develops and submits a conceptual design layout. In this case, it would include the park elements listed in the RFP. The County then has time to review this design and submit any comments or changes for the DMK team to address. This stage also includes between 1-2 meetings to discuss any revisions to the Schematic Design.

**Design Development:** This phase is self-explanatory; by literally involving the development of the design. With Charlotte County, this typically follows a 30/60/90 design review process and includes the selection of materials and building systems, and Engineers Opinion of Probable Cost (EOPC). Pre-application meetings are also set with appropriate permitting agencies for review of the site plan and determination of its

permitting requirements. Stakeholder coordination is not to be minimized here. More specifically, 30% review has proven to be pivotal in a successful project for all parties. It's essential for all stakeholders to have input and evaluation of 30% plans to avoid any costly changes down the road.

**Construction Documents:** Following the issuance of permits and acceptance by the County, DMK then prepares final working drawings, details and specifications for bidding. Documents will be issued electronically to the County in pdf. and AutoCAD format for bidding. An updated opinion of cost and bid schedule is also provided to the County. Bid documents also include a full schedule of submittals to provide to the awarded contractor. Based on bid phase addenda, DMK then revises the construction documents to create conformed construction plans. Once accepted by the County, signed and sealed sets of conformed construction plans and specifications are issued "For Construction" along with an electronic copy in AutoCAD and pdf. form.

### C. Design using BIM including MEP disciplines

This task doesn't apply for civil engineers. However, while working in teams with architectural firms our project managers have become familiar with importance of BIM and the inclusion of mechanical, electrical, and plumbing disciplines. With the use of BIM, architectural firms can easily collaborate with other engineering disciplines such as the MEP components to a building. This modeling allows all working components to a building plan to work together in one central plan, avoiding costly design mistakes due to poor communication and collaboration. All architectural firms DMK has worked with most recently use this modeling on their designs.

#### D. Property evaluation and selection support

Again, this task doesn't exactly pertain to this RFP, but DMK has helped plenty of our clients determine the best possible site for their desired project. We have helped select school sites, commercial buildings, and multi-family residential buildings. Some of the things our engineers look for when evaluating prospective properties is represented in the following visual representation:



### E. Design within a fixed project budget

The task of working on a fixed budget can pose difficulty if not planned correctly. It's important to analyze the project from start to finish and determine all possible issues that may arise during the design. This is necessary to arrive at a realistic, fixed project budget. There should also be a contingency percentage built into this fixed project budget to account for certain tasks that are unforeseeable. If these preliminary steps are taken it's possible to have successful completion of a design within a fixed project budget. In fact, DMK works with a fixed project budget on majority if not all our Charlotte County contracts. In the past, we have designed both the G.C. Herring conceptual plan and the WRGJVM Park Phase 1 improvements on fixed project budgets. We understand the importance it is for our clients to finish a project within the amount it was projected to take. Considering the funding efforts put in from the County on these projects it's important to stay within budget. DMK does this by assuring all tasks are staying on track and resources are being allocated as necessary for the timely and successful completion of any project.

### F. Permitting experience

The DMK Team has over 30 years of permitting experience with local, state, and federal agencies. As it relates to civil engineering, our professionals possess extensive knowledge in a variety of permitting processes. DMK has permitted through the following agencies with our most frequent highlighted in bold.

- Federal Agencies
  - Army Corps of Engineers (ACOE)
    - Wetland impacts more than 1 Acre
    - Jurisdictional Dredge and Fill
    - Bridge
    - US Environmental Protection Agency (USEPA)
      - NPDES Permitting
  - US Fish and Wildlife (USFW)
    - Endangered/Protected Species

### • State Agencies

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- Southwest Florida Water Management District (SWFWMD)
  - Environmental Resource Permit (ERP)
  - Dredge/Fill Permit
  - Water Use Permit Potable, Reuse, and Irrigation
  - Water Use Permit Excavation
- Florida Department of Transportation (FDOT)
  - Right of Way Permit
  - Drainage Connection Permit
  - Roadway Improvement
- Florida Department of Environmental Protection (FDEP)
  - Sovereign and Submerged Lands, through Governor and Cabinet

- Bureau of Beaches and Coastal Systems CCCL
- Water Main Construction
- Wastewater Collection/Transmission System
- Wastewater Treatment
- Bureau of Mine Reclamation
- Florida Department of Health (DOH)
  - Onsite Sewage Treatment and Disposal Systems (OSTDS)
- Florida Fish and Wildlife Commission (FWC)
  - Endangered/ Protected Species
- Florida Cultural and Historical Resources (SHIPPO)
- Local Agencies
  - Charlotte County
    - Charlotte County Utilities
    - Charlotte County Stormwater
  - o Sarasota County
  - City of North Port
  - City of Venice

- City of Sarasota
- EWD
- Peace River Water Authority

Over the last 10 years, the DMK Team has solicited and obtained over 500 regulatory permits from these agencies. Some examples of permitting experience on relevant projects are stated above.

### PROJECT CONTROL- Tab 4

### IV. PROJECT CONTROL

### A. Schedule

Historically, delays in project completion have created undue hardship and inconvenience to the County, but more importantly, to the residents that would benefit from the project. When residents wait for completion of a delayed project, they have to live without the needed improvements and put up with the disruptions and congestion created by construction activities that continue beyond scheduled completion. To avoid this scenario, DMK has developed an efficient project management structure and allocation of available company resources. For instance, by dividing the work among the design team, each individual is assigned work tasks within their designated disciplines. Assuring not only timely designs but delivering quality work from discipline specific professionals. The design portion of this project should take between 245-360 days. From experience, typical parks projects that don't run into any permitting issues take roughly 9 months. When permitting agencies come back with additional information that was not discussed in the original Pre-app, this timeframe could be extended for an additional 3 months bringing the design to completion in about a year. Throughout the design and permitting process, the DMK Team will use these additional techniques to maintain our set schedule:

- 1. What techniques are planned to assure that schedule will be met?
  - a. General: We will have routine planning and progress meetings with the Charlotte County staff to review any 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.
  - b. In-house Survey: Having a Survey department to front line our engineering projects really helps get these projects started on the right foot. Assuming a current survey is needed for the design, DMK can cut an average of two (2) weeks off survey deliverable time. In turn, allowing our engineers to complete 30% and subsequent plans faster than our competitors. Our design team will start work within 30 days from notice to proceed and final design is to be completed on time to prepare the bid documents and advertise for construction.
  - c. Monthly Status Reports: Monthly progress reports will be submitted to the County, together with an updated project schedule.
  - d. In-house Project Review & Meetings: Our Team will have internal controls to keep staff resources at optimum levels to keep the project on schedule. These reviews will help analyze each task and remedy any critical issues that could affect the schedule.

- e. Quality Control & Peer Reviews: By utilizing a third-party professional for quality control and assurance is the most efficient way DMK has found to provide quality work for our clients. This brings in a check and balance of any issues that could negatively affect the project.
- f. Permitting: To apply another control point for schedule, DMK starts the permitting process with a pre-application meeting with applicable permitting agencies such as SWFWMD, at the beginning of the schematic phase. At these meetings our Team will obtain the necessary guidelines and input needed to minimize overall permitting and any potential setbacks.
- 2. Who will be responsible for assuring that the schedule will be met?

Effective scheduling of resources begins at the top. Mr. Kreg Maheu, as Principal-in Charge and our selected Project Managers, will be directly responsible for this task and assure the approved schedule for all design and permitting of the project is strictly adhered to. Availability of all necessary resources to each team member will be assured and in-house meetings with the design and permitting team members will be convened to track and assess the project's progress.

B. Cost

Project costs will be minimized based on DMK's extensive experience with park design and our good understanding of anticipated design issues. This experience and understanding of the anticipated issues along with their solutions will lead to a wellplanned and complete design package which translates into cost savings in construction.

1. What control techniques are planned?

DMK utilizes the following cost-control techniques:



For example, minimizing drainage improvements and utilizing LID techniques would be two cost-effective techniques DMK will use to control costs for these projects. DMK can also focus on the types of materials chosen for the final design. By understanding our full array of material options, DMK can provide additional cost savings to the County.

One of the biggest factors contributing to higher construction costs via change orders, are a "vague" or inaccurate set of construction documents. Producing unclear plans will create a large disparity in bid prices since the contractors will be unclear of the intent, and "cover themselves" with higher prices. In addition, if the quantities in the bid set are incorrect and the ultimate project "over runs" the engineer's estimate of materials, then the final project cost will escalate, requiring change orders that generally reflect poorly on the project. Our method to help control construction costs is to provide clear, concise plans and accurate quantity "take-offs" for incorporation into the project's bid set. The DMK Team will prepare bid and contract documents while working closely with County staff to make sure those project packages produced are comprehensible to the bidding contractors.

As we all know, construction bids can vary widely. Certainly, the current overall state of the economy has impacted the cost of labor and materials. As the building industry continues to "boom", labor and material prices escalate higher. Conversely, if the economy slows down the demand for materials is lower, thereby lowering the cost of materials. Contractors may also bid a project lower to keep their employees utilized which tends to drive prices down. Fuel and equipment costs are also significant factors that are difficult to project and are, in fact, out of our direct control. Finally, DMK can control cost by monitoring recently accumulated bids, material costs and by updating the County with engineering estimates that reflect current trends. In doing so our engineers can produce complete and legible plans, ready for bid. In addition, should prices for one element skyrocket; alternate elements can be investigated and substituted to help keep costs down at the discretion of the County.

2. Demonstrate ability to meet project cost control.

DMK can meet project costs by utilizing our engineers for their design strengths and their past project knowledge. For instance, past projects such as the West Dearborn Pilot Low Impact Development (LID) project, completed for the Englewood CRA, the estimated construction cost, (derived from costs of previous completed similar projects) for many pay items, such as bio-swales, permeable pavement, and bio-detention, proved to be very high. To lower the costs of these improvements, DMK successfully redefined and restructured these pay items, using common elements such as excavation and backfill (per cubic yard) and membranes (per square foot). As a result, the estimated cost of constructing these improvements was lowered by approximately 30%. Also, on the design side, by efficiently completing the design and permitting of this project, DMK fees were kept to approximately 7% of the total estimated construction costs.

3. Who will be responsible for cost control?

Ultimately, the Project Managers, Tom Ballenger and Tim Roane are responsible for cost control throughout the duration of this project. Our engineers know that cost control starts with a complete understanding of project scope and client needs. These details are discussed prior to project start date to ensure full project understanding as it relates to scope and budgetary constraints. Additionally, our

Project Managers are responsible for assembling all elements of the project and assisting in the development of cost estimates which will enter the overall equation of constructability. All members of the DMK Team have access to extensive cost databases which will aid in developing accurate estimates. Though our project managers are the top line of cost control, it is every team members responsibility to speak up/act when faced with alternative solutions that can lower the costs associated with our projects. The DMK team knows what it takes to complete a park design project on schedule and within budget. We believe that project control is the key to any project's success.

### C. Recent, current, and projected workload

(2<sup>nd</sup> request in RFP, information provided in Tab II)

## PROPOSED DESIGN APPROACH FOR THIS PROJECT – Tab 5

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### V. PROPOSED DESIGN APPROACH FOR THIS PROJECT

Through our history, our parks projects generally follow this outline of tasks/phases and the associated deliverables:

- Programming/Planning
- Site Analysis
- Schematic Design
- Design Development
- Permitting
- Construction Documents
- Bidding services
- Construction Phase services and project close-out

- Surveys
- Environmental assessment
- Geotechnical assessment
- Schematic Design
- 30/60/90 Plan Sets
- Permits
- Construction documents and EOPC
- As-Builts and Close-out documentation with all associated agencies and the County
- A. Describe proposed design methodology, including programming and phasing approach.

The DMK design team will provide professional survey, data collection, program planning, site analysis, schematic design, design development, construction documents, environmental consulting services, permitting assistance and construction phase services for both park sites. The below approach will follow a generalized format and provide key call out points for each part to describe anything out of the ordinary

**Programming and Planning** – Given the success of prior work completed at both parks, DMK anticipates once these projects are completed, will attract environmental enthusiasts as well as people of all fitness levels and abilities. Therefore, these parks will be designed with accessibility in mind. DMK will refine the Master Plan as necessary to avoid and/or minimize wetland impacts (GC Herring). Through close coordination with Charlotte County and project stakeholders, DMK will develop pathway alignments that are scenic, cost effective and environmentally conscious. Upland trails will be utilized where possible and elevated boardwalks through wetland areas will minimize impacts to wetlands. DMK will also coordinate/ the locations of other elements not detailed in the RFP such as trash/recycling receptacles, benches, and any other park furniture desired by County Staff. This will be done at both parks and may be incorporated into the Program and Planning Phase if desired by the County or deferred to a later date and/or phase. It is anticipated that all other existing amenities will remain except for the running and RC track at G.C Herring Park. All remaining Master Plan elements are additions to the park's existing features.

DMK will also discuss with County Staff their plans for WRGJVM Park's Sanitary Utility Line Connection. Upon brief review of CCU lines and existing data from DMK, it seems there are a couple options for design. This would be brought up to County employees while

reviewing the Master Plan to get a better understanding of what has already been/if any plans were made for the design of the sanitary utility line connection. This could also be viewed as a possible phase to the project depending upon the final planning decision.

**Site Analysis/Permitting** – Once the Programming and Planning has been satisfied; DMK will move into the Site Analysis/Permitting phase. This phase will allow DMK to collect the necessary data and prepare the required studies for permitting. DMK's land survey team will perform the necessary surveys for each park. Depending upon the work footprint, it seems a Boundary, Topography, Tree and wetland survey may need to be completed. DMK's survey team is ready for dispatch, This phase will be closely coordinated with the Schematic Design Phase in order to arrive at an acceptable design that is suitable for the submission of permit applications to State and Federal agencies.

Based on similar boardwalk projects over mangroves, the Project Design Team anticipates that no mitigation would be required by the Southwest Florida Water Management District (SWFWMD) for the walkway, if the proposed structure utilizing wood pilings are consistent with the exemption criteria.

However, in the potential case that the SWFWMD may require mitigation for the temporary impacts to mangroves during the construction of the proposed boardwalk/pier, the Project Design Team has previously discussed the use of the Panther Ridge Mitigation Bank as a potential mitigation location where credits can be purchased as required. It was noted that the Little Pine Island (LPI) Mitigation Bank, that we have used on prior projects, has increased their prices dramatically. With all the development that is going on it is raising the costs of available credits in our area.

**Constructability** – It is forecasted that the project will be constructed in a single phase. The contractor shall be responsible for providing the Southwest Florida Water Management District (SWFWMD) with a notice of commencement prior to construction activities. The District should be given a minimum of 48 hours' notice so that they can make a staff representative available if necessary. The contractor is responsible for adhering to all conditions of the SWFWMD Environmental Resource Permit (ERP) and the Florida Department of Environmental Protection (FDEP) NPDES permit. Additionally, the contractor shall be responsible for notifying all utility companies (public and private) prior to construction.

The horizontal alignments of the proposed elements shown on the construction plans will be prepared with the benefit of our survey. The contractor will coordinate with the County staff and DMK's ecologist in the field when establishing a baseline of construction. Horizontal alignment shall be confirmed and acknowledged by staff prior to pruning activities to assure proper field alignment and minimize impacts to the environment.

The installation of any erosion control and turbidity measures will also be completed prior to construction activities. If the contractor desires to complete certain portions of the project at a certain time, a sub-phasing plan for erosion control and turbidity measures must be coordinated by the contractor with the proper SWFWMD representatives. Any unusable or unsuitable construction material and debris generated from construction shall be collected daily and disposed of in an appropriate solid waste receptacle.

**Design and Development Phase** – The Design and Development Phase will coordinate and refine design with County staff, CM, and the respective advisory personnel to result in the selection of materials and building systems. A critical component to this project will be the sanitary utility connection to the existing park restroom at WRGJVM Park. From what DMK knows of the WRGJVMP Master Plan, it is not the County's intention to add additional restrooms or community rooms to the site. If not already established in the Master Plan, DMK would reach out to CCU and set up a meeting to determine what they believe to be the best course of action for line routing and pumping vs gravity system. Based on past utility design experience it is possible that we decide on a low-pressure grinder pump system to tie into the CCU force main along Harbor Blvd. we can tie into the force main by directional drilling westwardly, around the existing solar car ports and connect directly to the force main. We will also include the County and CM for their opinion on materials used system components. We do this to assure the County we are consulting with all stakeholders regarding life cycle and costs of materials chosen.

During this phase, DMK will provide a progress set of plans including an engineer's opinion of probable cost (EOPC) to review with the County and stakeholders. The design and permitting portion of the project is anticipated to be between 270 - 360 calendar days from commencement of work. From experience, typical parks projects that don't run into any permitting issues take roughly 9 months. When permitting agencies come back with additional information that was not discussed in the original Pre-app, this timeframe could be extended for an additional 3 months bringing the design to completion in about a year. The major design elements of this project include:

### **G.C. Herring Park**

- 1. One (1) playground for ages 2-5 with shade
- 2. One (1) playground for ages 5-12 with shade
- 3. Demolition of existing and construction of new basketball court
- 4. A multi-purpose field area
- 5. Exercise/running/walking track
- 6. Four (4) Pickleball courts
- 7. One (1) Tennis court
- 8. Two (2) Sand Volleyball courts
- 9. One (1) Large pavilion
- 10. Additional parking
- 11. Lighting for parking lot
- 12. All required furniture, fixtures, and equipment including, but not limited to, park furniture, park trash/recycling receptacles, and park water fountains

### William R. Gaines Jr. Veterans Memorial Park

- 1. One (1) large pavilion
- 2. Three (3) Bocce Ball Courts covered with shade canopies
- 3. Two (2) Pickleball Courts with lights
- 4. One (1) Tennis Court with lights
- 5. Sanitary utility connection to existing park restroom
- All required furniture, fixtures and equipment including, but not limited to, park furniture and park trash/recycling receptacles

**Construction Document Phase** – Upon receipt of permits, DMK will incorporate permit conditions and develop Bid Phase Documents and Final Construction Plans with Technical Specifications. The final working drawings will contain large scale details and specifications meeting standard codes for obtaining bids, so that the County may select a contractor for construction. A final opinion of the probable cost will also be provided to the County.

**The Construction Observation Phase** – DMK will review the construction to provide greater assurance to the County that the project is being constructed in substantial conformance with the approved plans and specifications. The construction observation services shall consist of the following:

- 1. Frequent project coordination meetings
- 2. Review and process shop drawings
- 3. Frequent observations when work is being performed to determine the progress and quality of the work.
- 4. Provide final inspection and punch list for substantial and final completion of the project.
- 5. Coordinate as-built documentation with the Contractor's surveyor.
- 6. Final observation and certification to the County, that the project has been completed in substantial conformance with the plans and specifications.

Our intent for these projects is to create a project that blends the proposed design elements with the desired theme of the park while also accentuating the natural elements of both the park and the design. The mission is to incorporate our life cycle analysis to assure that this park remains a destination where multiple generations can enjoy the serene outdoors of Charlotte County while continuing to honor our veterans and first responders.

### B. What challenges do you anticipate and how do you propose to solve them?

There are minimal to no challenges suspected for these two projects. After talking with both proposed project managers and principle in charge, there was a collective decision that there are minimal factors at play that could cause an issue in design, schedule, or cost of the project. In the past, DMK has run into environmental issues at the William R. Gaines Jr. Veterans Memorial Park. This led to the use of on-site wetland mitigation and the relocation of Gopher Tortoises. Other than this each project moved along rather smooth.

Also discussed later in the RFP, DMK has already reached out to SWFWMD in the past regarding majority of the conceptual design for G.C. Herring Park. It was stated, with that iteration of plans, that the impacts to the surrounding environment are di minimus and would not require a Environmental Resource Permit. DMK anticipates another Pre-App meeting with the final conceptual plan to determine if the changes made between those plan iterations are great enough to overturn their original decision. It is not anticipated that this will happen based on the minimal changes that were made to the final concept plan.

## C. What methods will you employ to ensure Charlotte County receives a quality project designed within budget and on schedule?

There are several methods DMK uses to ensure our client's projects are completed with a high degree of quality, within budget and scheduled timeframes. Other than prior stated cost and schedule controls DMK employs techniques such as:

QA/QC Third Party Review

Monthly Progress Reports delivered to client along with invoicing for County PM approval

Bi-weekly internal production meetings including Principle in Charge and Project Managers to ensure resource allocation, cost control and schedule adherence

### D. Describe innovative approaches in production and design.

DMK holds itself responsible for its designs and related impact on the environment. We also find it suitable to incorporate knowledge-based features in our design when permissible. By combining these two elements DMK can practice LID techniques such as using native vegetation in landscaping while simultaneously educating the public about its significance. This can be done through use of placards throughout the park where native vegetation is used within the design and state the names and descriptions of the plants that make this possible and why they are so important for our surrounding environment and to this design.

## PRESENT EXAMPLES OF RECENTLY ACCOMPLISHED SIMILAR PROJECTS- Tab 6

### VI. PRESENT EXAMPLES OF RECENTLY ACCOMPLISHED SIMILAR PROJECTS

### G. C. Herring Park

This project was run by Charlotte County Parks and Recreational facilities and Project Manager Kreg Maheu. The scope was to provide Master Plan Services for the G.C. Herring Park within Rotonda West with all features in accordance with the Charlotte County Parks and Recreation Master Plan Updates 2015-2050. The upgrades that were incorporated into the conceptual design were a renovated Existing Running/Walking Track, Outdoor Fitness Stations and Course, Multi-Purpose Field, Fishing Pier, Two (2) Playgrounds, Nature Trail, Signage, Basketball Courts, Pavilions, Tennis Court, Sand Volleyball Pits, Four (4) Pickleball Courts, New RC Track and Dragstrip, Bleachers and a Community Room with designated Green Space and Shade structures dispersed throughout the design. This project was then shelved awaiting funding through the Charlotte County Capital Improvement Plan.

DMK is also responsible for the Veteran's Memorial Park also located at G.C. Herring Park. This is on the westerly portion of the project footprint that would be connecting the nature trail to behind the American Legion Post 113 leading to the proposed fishing pier and other courts. This project consisted of a Boundary, Topographic, Tree and Wetland Survey, Conceptual and Schematic design, Permitting, and Construction Phase Services. During the SWFWMD Pre-app meeting for this past project we were able to also ask their opinion on the preliminary Master plan layout. At that time, it was stated that the changes proposed (including the fishing pier and boardwalk) on the Master Plan would be di minimus to the surrounding environment and would therefore not require a full Environmental Resource Permit. The plan that was brought before the committee was not the final iteration and would certainly need to be brought to their attention again, but this information brings a positive notion when thinking of the permitting involved with the proposed project. The memorial project tasks consisted of the programming/planning, conceptual and schematic design, construction documents, permitting and limited construction phase services. The design incorporated monuments for all military branches, pavilions, parking, connecting walkways, signage and smaller features incorporated throughout the design. The permitting for this project included preliminary and final site plan approval through the County and permitting through SWFWMD. This project was completed on time and within budget despite having the difficulties of COVID thrown into the equation.



### WILLIAM R. GAINES JR. VETERANS MEMORIAL PARK

DMK Associates was awarded this park contract to complete the programming/planning, site analysis, design development, **permitting with SWFWMD and USACE**, Construction development, and CEI services. We started by reviewing the 2017 concept plans provided by the County to define the area of work and to gain understanding of the existing and proposed space requirements. DMK attended project coordination meetings with County representatives ensuring that all questions were answered prior to site analysis. It was also then, that **CM**, **John F. Swift Construction**, was brought on board to assure smooth transition and communications between all stakeholders. DMK collected existing conditions for both geotechnical and environmental data. Environmental work consisted of coordination for wetland delineations and a preliminary gopher tortoise survey. We also coordinated Geotechnical efforts that consisted of a soil test, three standard penetration test borings, 20 feet below grade and four hand auger borings in the designated pathway areas 5 feet below grade. **DMK's survey department prepared a detailed topographic survey of the work area consisting of existing access roads, driveways, parking, buildings, above ground utilities, trails, open space, topography, wetlands, and trees within the anticipated work area.** 

Once all this information was current and within parameters, we were ready to start our design and refine the development phase. Our design consisted of the eastern park entry drive, playground area, playground parking, grass parking, solar car ports, storm water management facilities, winding pedestrian trails and small covered pavilion. The pedestrian walking trails were designed to avoid any wetland impacts and existing gopher tortoise habitats. An additional LID technique utilized in this project was the use of Flexi-pave to conserve predevelopment hydrologic function. Not only is this product ecofriendly, but it is also extremely porous and has the ability to clean the water that passes through. DMK was then able to present the design and cost estimate to the county for approval. After some effective communication we were able to follow through with the design and submit permit applications to above stated agencies.

Following the issuance of permits from and acceptance by the County, DMK prepared Construction drawings, details and specifications for bidding including a full schedule of submittals to provide to the awarded contractor. DMK was also responsible for limited construction phase services including coordination meetings, site visits, review of shop drawings, CEI services and coordination of as-built documentation. This project was completed on time and within budget.



### PORT CHARLOTTE BEACH PARK & SAILING CENTER

In 2017, DMK was retained by Charlotte County to design and permit improvements to the Port Charlotte Beach Park through Charlotte County's Facilities Construction & Maintenance Department. The project involved design of additional beach parking, pedestrian access, and improved traffic circulation by adding a new direct access drive for boat trailers. The storm water system was designed to meet the most current water quality standards for discharge into Charlotte Harbor, an Outstanding Florida Water through the Southwest Florida Water Management District (SWFWMD) and Charlotte County. In addition, native landscaping, and an outdoor events lawn capable of hosting a portable stage for live music was included in the design. The project design and permitting was completed in 2018 with construction certified in February 2020.

Later in 2019, DMK designed and permitted construction plans for the Port Charlotte Beach Sailing Center. This area of the park is home to the Port Charlotte Sailing Club. The improvements associated with this phase of the park consisted of an enclosed workshop, covered boat storage with gravel parking surface, grass parking for boat trailer storage, security fencing, a covered pavilion for outdoor trainings/events and improved pedestrian walkways and access to the electric boat hoist.

2022, brought the next iteration of changes to this park site. The County is currently working with DMK and many others, to include **CM**, **Tandem Construction** and Architectural firm, SweetSparkman on the design for a recreational facility, pool house, pump station and related parking and walkway changes. During the design process, the architectural team had run into an issue with zoning requirements. The site is too low, requiring many building plan iterations to determine a way around this issue while also remaining cost efficient. We remain working closely with all stakeholders to help in any way we can to push through this bottleneck. DMK is working on the plan details of these changes now and will be pushing forward with the design in the coming months. DMK is responsible for the Programming/Planning, Conceptual and Schematic Design, Construction Documents, Permitting and Construction Phase Services for this project.



### SNOOK HAVEN PARK, VENICE, FL

DMK provided **Phase 1** services to improve the original Snook Haven site. The Snook Haven Park is located along the Myakka River and includes two properties totaling 5.32 acres including a restaurant. This phase consisted of designing improvements to the existing docking and boat ramp facilities and expanded parking and improved drainage near the boat ramp to avoid siltation. **DMK obtained permits for the improvements through FDEP and a submerged land easement from the State of Florida.** DMK assisted Sarasota County during the bid phase and provided construction phase services during construction.

In 2014, Sarasota County retained DMK to design and permit **Phase 2**. To improve the County's public access to the water, **Sarasota County asked DMK to design additional parking for trailers and cars, without impacting the Large Heritage Oak trees and their surrounding habitat.** Accordingly, we designed gravel and grass parking throughout the site, consisting of 14 trailer parking and 45 car spaces. DMK assisted Sarasota County during the bid phase and construction phases as Engineer of Record. The final construction was completed on May 11, 2018. approximately 2 months later than the original contract time due to unforeseen impacts due to gopher tortoise burrows; additional work added to contract; and unsubstantiated delays by contractor. The project was constructed under the contract amount.



### **BAYFRONT PARK, LONGBOAT KEY, FL**

DMK Associates, Inc. assisted in developing a park plan for the Town of Longboat Key. Bayfront Park was an existing facility complete with a ball field and community meeting room. The existing park has needed updating for years and the Project Architect had been selected to provide complete, biddable plans for modernizing the park amenities. Services performed for the Town included planning, environmental consulting, design, and construction related consultation services. DMK was requested by the team to provide all services related **to land surveying**, site **planning**, stormwater management, seawall and dock permitting, utility designs and permitting, assistance with FDEP permitting for activities seaward of the Coastal Construction Control Line and general coordination with the Architectural and Planning group charged with obtaining public and local input.

In developing plans, public involvement was necessary to make sure that the product was meaningful and useful to the surrounding community. In assistance to the design team, DMK provided insight and expertise regarding public utilities, stormwater management, site development, grading, and project paving.



### TOWN CENTER GREEN, LONGBOAT KEY, FL

The Town of Longboat Key contracted DMK with the design of their Outdoor Venue and Future Town Center. The main take away from this project is that it included the design of phased work. DMK designed the site plan with the inclusion of a building area sufficient for a future library located within the park and its associated parking, stormwater, utility usage, etc. The scope also included design of accessible walkways, pedestrian light poles, multi-purpose esplanade, and a restroom facility among many other features. Mr. Pari had designed roughly 12,000 SF. of 8' to 10' wide Pedestrian Walkways. Project phases included, Data Collection and evaluation of existing conditions, 30/60/90/100 percent construction plans for comments and collaboration, permitting, bidding, construction, and close-out services. Permitting for this project included a pre-app meeting with SWFWMD, and received an ERP for Individual Construction, Major Modification. It also required a Request for Verification of Exemption through FDEP. LID techniques used in this design are bioswales and rain gardens to increase the filtration, direct and retain storm water on site further increasing infiltration. Native vegetation was also used throughout the landscape design in addition to the preservation of 15-20 existing Oak trees. Finally, Mr. Pari designed a detention system with ex-filtration to increase the amount of nutrients removed from storm water retained on site.



## DESCRIBE YOUR EXPERIENCE AND CAPABILITIES IN THE FOLLOWING AREAS – Tab 7

# VII. DESCRIBE YOUR EXPERIENCE AND CAPABILITIES IN THE FOLLOWING AREAS.

### A. Public Parks

DMK Associates, Inc. has been completing Park projects for Charlotte County and the surrounding municipalities for decades, some of the descriptions have been shared in various places throughout our response. Please see the end of this tabbed section for a visual representation of the park projects DMK have completed over the years.

### B. Master planning and programming of phased projects

A perfect example of how DMK has been able to work efficiently with multiple vendors while simultaneously developing a design that would seamlessly flow from one phase to another is our past school projects for Charlotte County. Some Phased project examples that come to mind are Lemon Bay High School, Charlotte High, or Booker High School. DMK was responsible for the civil portion of the master planning involved in these projects. We are still heavily involved in the Charlotte County School Board work and have recently been awarded the extension of our Continuing Services Contract for Charlotte County Public Schools. Additionally, we are about to start the civil portion of the Master Planning for Port Charlotte Beach Park.

The most important part of civil engineering aspect of master planning and programming is efficient and effective coordination between stakeholders. Without proper understanding of what is desired from our clients we are unable to properly plan for their site. We eliminate this issue by setting clear expectations and parameters for the project before the start date. Another important aspect is for civil design includes data such as population, utility demand, and transportation demand forecasting for the design of proper system fittings and piping. It's also important to plan for future parking needs as you can't easily add property to make this happen in hindsight.

### C. Life cycle cost analysis and control including value engineering

Because our team is experienced in the public sector, we know an integral part of the design is to consider the life cycle cost. As it to WRGJVM Park, our utility design must consider today's existing conditions and flows as well as anticipated flows as our population increases. All accommodations must be considered for online additions during the life span of this system.

Materials used must be measured and strategically placed for today and future considerations. Some of these elements have tangible costs that can be analyzed for operations and maintenance. Any mechanical systems (vacuum stations, valves, pumps, etc..) must be carefully considered as they will have replacement costs over time. As mentioned in our approach, we will consider this in design and consult with the assigned CM and County Staff to ensure any final decisions are agreed upon by the team.

Also discussed in our approach is the energy consumption of the park and proposed solutions to help decrease the maintenance costs associated with park renovations. Our team will perform a Net Present Value (NPV) analysis when selecting the vacuum/pumps

based on assumed energy consumption for the life of the components. This analysis alone can provide a decision point now that will have lasting effects on the FPL monthly bills.

The DMK Team has many examples of Value Engineering and Constructability Reviews. As a normal course, team members incorporate the Value Engineering Process as a part of delivering a high quality and efficient service to clients. Our VE teams are assembled in accordance with specialty and incorporate construction personnel with practical, on the ground knowledge of construction means and methods. Our VE team focuses on clientperceived quality and performance when reviewing designs during various phases of the project.

We openly encourage clients to embrace the Value Engineering process early in the development phase of a project. Initial value engineering work should begin during the preliminary engineering prior to development of designs. This allows for the maximum potential for change throughout the design process.

### D. Design using sustainable standards and energy efficiency

Charlotte County's guiding principles for sustainable practices includes strategies such as reducing the energy demand, improving vehicle efficiencies and reduce vehicle use, reduce water use and increase plantings of native species, implement sustainable building practices and materials, develop vibrant and equitable parks, evaluate, and monitor services and facilities through a life cycle management approach, and by ensuring long-term maintenance of parks. When applicable, DMK will take these items into consideration when developing these two park designs. We have demonstrated this type of effort in the following projects:

William R. Gaines Jr. Veterans	Solar Car Ports &	Solar car ports and trees were
Memorial Park	Sustainable Materials	incorporated into this design
		to reduce the energy costs of
		the park.
Town Center Green	LID Techniques	Native Vegetation was used
		throughout the design
Bayshore Park	LID Techniques	Native Vegetation was used
		throughout the design
Englewood Veterans Memorial	Sustainable Building	Green roof design for a more
& Freedom Pavilion	Practices	durable and reduction in
		stormwater management costs

The DMK Team believes in the efficient use of resources and the advancement of sustainable practices. We provide innovative and thoughtful solutions to help our clients improve a project's efficiency, minimize environmental impacts, and maximize economic competitiveness. Examples where energy savings may be attained related to these park projects include:

- Development of perimeter lighting plans using LED equipment
- Development of site standards and materials to minimize upkeep and maintenance.
- Employment of solar panels to augment normal power supply for various aspects of operations and maintenance.

#### E. Permitting in Southwest Florida and Charlotte County

DMK Associates is the longest tenured Civil Engineering firm located in Charlotte County. In being a local firm, we pride ourselves for reasons such as this one, local permitting experience. As a firm that stays local, we maintain an exceptional working knowledge of the permitting regulations and specifications throughout Southwest Florida and more specifically Charlotte County. Our typical permitting agencies in this area for Civil Design are Southwest Florida Water Management District, Charlotte County Utilities and Stormwater (CCUD & CCSW), City of Punta Gorda Utilities, Englewood Water District, or Charlotte County Department of Health. DMK has proudly worked with these permitting agencies and departments since 1982. It has been easy for DMK to navigate the changes to regulation over the years because a large portion of our clients and their projects are in Charlotte County. Through the years there have been many changes, all which DMK has been prepared for and shared this knowledge firm-wide. In short, this is what we do. Of the current 36 open projects we have for permitting, 35 of them must go through one or more of the above-mentioned agencies. Making 97% of our permitting workload tailored to Southwest Florida and/or Charlotte County.

### F. Environmental assessment

Though we leave the specifics to our sub-consultant Hugh Dinkler, our staff is trained to look for environmental red flags during their initial site inspection. DMK engineers are the first line of environmental assessment on all our projects. They report things such as water quality, proper run-off, invasive species, Bald Eagle nesting or Gopher Tortoise burrows, just to name a few, during their inspection. This gives our team a leg up on what environmental factors may inhibit the development of the design. Beyond this point, Hugh Dinkler is our go to. His experience includes work completed at William R. Gaines Jr. Veteran's Memorial Park. During the design of the park DMK had run into a halt, there were wetlands that would be affected by the design. Hugh was able to identify this and get plans approved for on-site wetland mitigation. There was also Gopher Tortoise's present on the parcel. Hugh was able to identify and coordinate with the County to relocate these tortoises.

Another way that DMK demonstrates our commitment to creating sustainable designs, is by implementing eco-friendly, Low Impact Development practices. Some LID Best Management Practices (BMP's) include bio-filtration (commonly referred to as bioretention) swales and basins, permeable pavements, vegetated buffers, and vegetated grass swales. As the "first flush" from impermeable surfaces has been shown to contain most of the pollutant load, run-off from the "first flush" (defined as the first 0.5 to 1.0 inch of precipitation) would be routed to the selected LID systems for added infiltration and treatment. DMK has most recently demonstrated this knowledge by completing a Green Infrastructure Report on 31 parks in Charlotte County. This report included on-site assessment of current green infrastructure and a detailed list of future improvements that aim to increase water filtration and minimize the impact of development and the associated increase in population. It's important to note the cost savings related to implementing LID for stormwater management. Briefly looking over the projects it doesn't seem as though we will run into any environmental factors. Both parks have already been developed and have been in use for several years now. Additionally, SWFWMD has stated the water body located at GC Herring Park is an existing lake considered manmade, OSW (Other Surface Water). In a prior SWFWMD Pre-app meeting, it was also stated that the proposed improvements would be exempt per Rule 62-330.051(10), F.A.C. and that the improvements are de minimus impacts including the fishing piers/boardwalks (plans at that time did not include the courts).

### 40 Years of Local Parks Projects

FREEDOM PAVILION DEARBORN STREET	VETERANS PARK DEARBORN STREET	LIVE OAK POINT PORT CHARLOTTE
FRANZ ROSS PARK PORT CHARLOTTE	ANN & CHUCK DEVER REGIONAL PARK ENGLEWOOD	GC HERRING PARK
WILLIAM R. GAINES JR. VETERANS MEMORIAL PARK PORT CHARLOTTE	PORT CHARLOTTE BEACH PARK PORT CHARLOTTE	ANGER FISHING PIER ENGLEWOOD
BAYSHORE LIVE OAK PARK PORT CHARLOTTE	BISSETT PARK PUNTA GORDA	BOCA GRANDE FISHING PIER BOCA GRANDE
CARMALITA PARK PUNTA GORDA	EL JOBEAN FISHING PIER PORT CHARLOTTE	MAXINE BARRITT PARK VENICE
SNOOK HAVEN PARK & RIVERFRONT RESTAURANT VENICE	LEGACY PARK VENICE	SHAMROCK PARK VENICE
BAYFRONT PARK LONGBOAT KEY	BAYFRONT PARK BEACH AC- CESS LONGBOAT KEY	SCHERER THAXTON PRESERVE NOKOMIS
PINECRAFT PARK PEDESTRIAN BRIDGE SARASOTA	KENSINGTON PARK SARASOTA	LAKE BETTY PARK PORT CHARLOTTE
HAROLD AVENUE REGIONAL PARK PORT CHARLOTTE	MYAKKAHATCHEE PARK NORTH PORT	GARDEN OF FIVE SENSES NORTH PORT
RUCELLETTO PARK VENICE	TRINGALI PARK ENGLEWOOD	MANASOTA BEACH ENGLEWOOD
CASPERSON BEACH VENICE	BLUE RIDGE PARK NORTH PORT	TURTLE BEACH PARK SARASOTA

### VOLUME OF WORK – Tab 8

# VIII. VOLUME OF WORK – TOTAL OF PAYMENTS RECEIVED FROM COUNTY WITHIN THE PAST 24 MONTHS

The total of payments received from Charlotte County within the past 24 months is \$303,845.

### LOCATION – Tab 9

### IX. LOCATION

Describe the Prime and Sub-Consultants responsiveness as it relates to the firm's location to the project.

Whenever possible DMK likes to work with local firms. We firmly believe in keeping business local to circulate work throughout our communities. DMK has two locations, one in Venice, right off exit. 193 and the other in Englewood off Placida Rd.

Our subconsultants from RWA are located in North Port within the Downtown Wellen Park development. Hugh Dinkler from ESA is also located in Venice and Dave Milligan works independently from Englewood.

As you can see, our team is here and ready to help.

### LITIGATION – Tab 10

X. LITIGATION – HAVE YOU BEEN NAMED AS A DEFENDANT OR CO-DEFENDANT IN A LAWSUITE IN THE LAST FIVE YEARS?

DMK has not been subject to litigation within the past 5 years.

### MINORITY BUSINESS- Tab 11
### I. MINORITY BUSINESS

Our current team does not consist of any minority businesses.

www.dmkassoc.com

### Firm References

NAME	PROJECT	PHONE NUMBER	
Billy Williams	Luther Rd.	(941) 575-5400	
Director of Maintenance and			
Operations at Charlotte			
County Public Schools			
Michael Sarback,	Sarasota County Croquet Club	(772) 475-8223	
SCCC - Design Committee			
Trey Jayne, Construction	Liberty Elementary & Deep	(941) 575-5400 Ext. 1333	
Manager	Creek Wash out		
Hurricane Recovery			
Charlotte County Public			
Schools			

# Project Manager – Tom Ballenger, PE. References

NAME	PROJECT	PHONE NUMBER	
Casey Rodman, Projects	Oceanspray and Franz Ross	(941) 743-1230	
Planning & Zoning	Park		
Charlotte County Community			
Development			
Trey Jayne, Construction	Liberty Elementary & Deep	(941) 575-5400 Ext. 1333	
Manager	Creek Wash out		
Hurricane Recovery			
Charlotte County Public			
Schools			
Mario Gabiga (Private Client)	Lot 24 Morris Industrial Park	(416) 746-9970	

### **RWA Engineering References**

NAME	PROJECT	PHONE NUMBER	
Eric Long, General Manager	Pelican Sound Tennis and Pickle Ball FacilitY	(239) 948-5232	
Paul J. Selvidio, CPA	Community School of Naples Athletic Stadium and Field	(239) 597-7575 ext 104	
Lorraine Lantz, Transportation Planning	Veteran's Memorial Boulevard – Phase 2	(239) 252-5779	
Manager (Collier County)			

# Project Manager – Tim Roane, PE. References

NAME	PROJECT	PHONE NUMBER
Keith Ledford	Helping Hands	(941) 474-3217
Derick Applegate	Blue Ridge Park	(941) 882-7547
City of North Port,		
Neighborhood Development		
Services Assistant		
Director/Building Official.		
(Now City of Venice Building		
Official)		
Elizabeth Wong	CONP Community Education	(941) 240-8321
City of North Port	Center	
Stormwater Manager		
Public Works Department,		
Engineering Division		

www.dmkassoc.com

#### PART IV - SUBMITTAL FORMS PROPOSAL SUBMITTAL SIGNATURE FORM

1.	Project Team Name and Ti	itle	Yea experi	Years perience work out of for this project		City individual's office is normally located	City of individual's residence		
Kre	g Maheu, PE	38	1	Venice		Venice	Englewood		
Ton	n Ballenger, PE		26	N	Venice		Venice	Sarasota	
Bob	Stanley, PE		48	1	Venice		Venice	Lakewood Ranch	
Ray	Steele CAD		30	N	Venice		Venice	North Port	
Jay	McLeod, PSM.		40	E	Englew	ood	Englewood	Englewood	
Tra	cy Meadows CAD		35	E	Englew	ood	Englewood	Englewood	
Joh	n Pari, PE		25	١	Venice		Venice	Sarasota	
2.	Magnitude of Company Op	perations							
	A) Total professional service	es fees receive	ed within last 24	4 months	s:		\$ 2,069,998		
	B) Number of similar projects	s started withi	in last 24 month	hs:			5		
	C) Largest single project to c	oject to date:				\$ 141,400			
3.	Magnitude of Charlotte Co	unty Projects	\$						
	A) Number of current or sche	eduled County	y Projects	ects			10		
	B) Payments received from t	the County ov County).	er the past 24 i	24 months (based upon \$ 303,845					
4.	Sub-Consultant(s) (if applicable)	Loc	Location % of Work to be Provided				Services to be Provided		
	Tim Roane (RWA)	North Port	t	30		Civil En	Civil Engineering & Project Mgmt Landscape & Lighting Design		
	James McCord (RWA)	Fort Myers	5		ort Myers 5				
	Dave Milligan	Englewoo	d	5 Q		QA/QC			
5.	<ul> <li>Disclosure of interest or involvement: List below all private sector clients with whom you have an active pending contract and who have an interest within the areas affected by this project. Also, include any properties or interests held by your firm, or officers of your firm, within the areas affected by this project.</li> </ul>					an active pending es or interests held			
Firm Address									
	Phone #	Contact Name							
	Start Date Ending Date								
	Project Name/Description								

NAME OF FIRM DMK Associates, Inc.

(This form must be completed and returned)

6.	Minority	Business:	
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Yes No

X

The County will consider the firm's status as an MBE or a certified MBE, and also the status of any sub-contractors or subconsultants proposed to be utilized by the firm, within the evaluation process.

### Comments or Additional Information:

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

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

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

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

Addendum No. 1 Dated 1/22	Addendum No	_ Dated		Addendum No	_ Dated	
Addendum No Dated	Addendum No	_ Dated	<u></u>	Addendum No	Dated	
Type of Organization (please check one	): INDIVIDUA CORPORA		() (X)	PARTNERSHIP JOINT VENTURE		
DMK Associates, Inc.			(941) 412-1293			
Firm Name			Telephone			
n/a			16-1	695879		
Fictitious or d/b/a Name			Feder	al Employer Identificati	on Number (FEIN)	
421 Commercial Court, Suite C-E	)					
Home Office Address						
Venice, FL. 34292			41			
City, State, Zip			Number of Years in Business			
2861 Placida Road, Unit A Engle	wood, FL. 34224					
Address: Office Servicing Charlotte Cor	unty, other than abov	е				
Jacqueline Waterhouse, Marketing			(941) 412-1293			
Name/Title of your Charlotte County Rep.			Telephone			
Kreg Maheu, PE. President						
Name/Title of Individual Binding Firm (P	lease Print)					
In EN				1-22-2024		
Signature of Individual Binding Firm				Date		
kmaheu@dmkassoc.com						
Email Address						

(This form must be completed & returned) 16

#### DRUG FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that DMK Associates, Inc. (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.

Proposer's Signature

1-22-2024

Date

#### **END OF PART IV**

(This form must be completed & returned)