

Jeffrey R. Raykos, P.E., Vice President of Engineering

Project Role: Project Manager

OVERVIEW:

Mr. Raykos as Project Manager brings over 37 years of civil and structural design experience to the project team. His decades of experience includes numerous bridge rehabilitation projects, inspections, and bridge replacement projects as well as civil site design projects including piers and seawalls.



EDUCATION:

B.S., Structural Design and Construction Engineering Technology, Pennsylvania State University (1988)

REGISTRATIONS:

Florida Professional Engineer License No. PE88349

Pennsylvania Professional Engineer License No. PE-048763-E

Pennsylvania Certified Bridge Inspector, last refresher May 2020

EXPERIENCE HIGHLIGHTS:

Redfish Key Villa's Seawall

Due to a washout from a previous hurricane, the Redfish Key Villas HOA needed to repair and extend their existing seawall to protect the community pool equipment and building foundation corner. The project included the survey, design, construction documents and observation services for the repair and extension of the existing seawall using a concrete filled vinyl system. Mr. Raykos was the project manager and designer for the project and also provided the construction oversight.

Anger Fishing Pier – Sidewalk Repair

Adjacent to the Redfish Key Villas is the Charlotte County Anger Fishing Pier. As a result of a hurricane, the existing sidewalk was undermined at the abutment and risk collapsing. DMK and Project Manager Jeff Raykos prepared plans and permitting to construct side support walls to repair and reinforce the sidewalk to eliminate erosion from future hurricanes. Following Hurricane Helene and Milton in 2024, the Anger Fishing Pier sustained major damage, but the repaired sidewalk area remained untouched.

Gasparilla Island Bridge Authority – Building Renovations

As a result of Hurricane Ian, the Administration building, Maintenance building and Bridge Tender building sustained various amounts of damage. DMK and Project Manager Jeff Raykos were tasked with the plan preparation to repair and renovate the buildings to prevent future water intrusion damage. A Construction Bid Package was also prepared. Mr. Raykos oversaw the bidding process and the contractor award. The project is currently in the construction phase.

Live Oak Boardwalk - Charlotte County

DMK and Project Manager Jeff Raykos were contracted by Charlotte County to inspect the Live Oak Boardwalk following two different hurricanes. The entire length of the boardwalk was inspected via a small boat in order to get a hands-on assessment of the boardwalk condition. The boardwalk was impacted by a loose boat and excessive wave impacts. In addition, Jeff Raykos worked with Charlotte County staff to design plans for the removal and replacement of two existing precast concrete treads to smooth the transition from the pedestrian bridge to the boardwalk. DMK was tasked with programming/planning, evaluation/reporting, design development, construction documents and observation services.

Lemon Bay Cove

DMK prepared site and development plans for the initial project to develop 9 units on 5.625 acres, but the USACE rejected the design due to significant wetland impacts. Lemon Bay Cove, LLC, decided to reduce the project scope to develop three lots with a four-slip dock, thereby minimizing impacts. Mr. Raykos submitted the newly proposed construction plans to Charlotte County's review, and it was noted that a formal site and development application would not be required due to the reduced size of the project. Utility permits are currently under review by the Englewood Water District and FDEP. The original SWFWMD ERP has expired and now requires a new ERP application with FDEP, and the USACE for the proposed project, which shall be pursued.