



CIVIL / WATER / WASTEWATER

TRANSPORTATION

AVIATION

ENVIRONMENTAL



[WWW.BNDENGINEERS.COM](http://WWW.BNDENGINEERS.COM)

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*Our Firm offers experienced staff comprised of experts in a variety of fields. We offer extensive experience in the areas of:*

## **CIVIL / WATER / WASTEWATER**

Our Civil Engineering services include Land Development, Stormwater Management/ Drainage, Water and Wastewater Systems, Public Utility Engineering, Water/Wastewater, Modeling, Stormwater Modeling, Site Paving, Grading and Pump Station Design

## **TRANSPORTATION**

Our extensive Transportation experience encompasses rural, urban, municipal and limited access roadway facilities and includes the categories of Project Development and Environmental Studies (PD&E) to the preparation of Highway Construction Documents. Our professional staff has significant experience in working with Florida Department of Transportation (FDOT), Counties and Municipalities.

## **AVIATION**

Our extensive Aviation Services include Airport Facility Planning, Design Development and Post Design Services. Our staff has accumulated extensive experience and knowledge on Airport Projects and understands the need to minimize disruptions to Airport Operations during construction. Aviation Design includes Apron/Pavements, Taxiways, Utility Corridors, Water/Wastewater Systems, Stormwater Systems, Roadway Connectors, Airside/Landside, Maintenance of Traffic (MOT) and Safety.

## **ENVIRONMENTAL**

Our Environmental Services include Wetlands Preservation and Mitigation, the U.S. Army Corps of Engineers, Miami-Dade Department of Regulatory Economics Resources (RER), Florida Department of Environmental Protection (DEP), and Environmental Protection Agency (EPA), Permitting, Environmental Assessments as well as CAR's, RAP's, and Contamination Assessments which include the preparation of Phase I and II Environmental Audits and Environmental Impact Studies. (EIS)

### **ENVIRONMENTAL**

- Facility Audits and Closure Plans
- Industrial Wastewater Pre-Treatment Systems
- Remedial Investigation and Feasibility Studies Environmental Assessments (CAR's, RAP's)
- Environmental Impact Statements (EIS)
- Contamination Assessments

### **STORMWATER/WATER RESOURCES**

- Intakes, Culverts and Pipelines
- Drainage and Irrigation
- Hydrology and Hydraulics
- Water Quality Management
- Canals
- Water Pollution Control
- Stormwater Modeling (XPSWMM)

### **AVIATION**

- Airport Planning
- Apron/Pavements
- Urban Roadways Connectors
- Parking Lots
- Stormwater Systems
- Water/Wastewater Systems
- Airside/Landside
- Utility Corridors

### **WASTEWATER/ TREATMENT**

- Wastewater Collections Systems
- Wastewater Transmission Systems
- Infrastructure Rehabilitation
- Stormwater Drainage and Management of Wet Weather Flows
- Treatment Facilities Design
- Network Modeling
- Pumping Stations
- Master Planning

### **WATER SUPPLY AND TREATMENT**

- Treatment Processes
- Water Distribution Systems and Pumping Stations
- Water Network Modeling
- Regulatory Compliance Evaluations
- Treatment Plant Design
- Master Planning

### **TRANSPORTATION**

- Urban and Rural Roadway/Highway
- Project Development and Environmental Studies (PD&E)
- Pavement Marking and Signing
- Signalization

**THE FIRM**

*Founded in June 1993, BND Engineers, Inc. (BND) is a professional Consulting Engineering Company providing comprehensive Civil, Environmental, Aviation and Transportation Engineering Services to both the Public and Private sectors.*

*BND is committed to assisting our Clients by applying Innovative Solutions to complex problems while at the same time safeguarding the Environment.*

*The Firm specializes in delivering a highly professional product in a responsive time frame within our Client's budgetary constraints.*

**BOARD OF DIRECTORS**

**BASIL S WILLIAMS**

Founder of the Firm and Chief Executive Officer (CEO) is responsible for the overall technical and Administrative Policies and Management of the Firm. He also participates directly on major Aviation, Transportation, Civil and Environmental engineering projects requiring his proven technical and analytical skills and is directly responsible for the technical integrity of BND's work.

Mr. Williams has 35 years of Aviation, Water/Wastewater and Transportation and Environmental engineering design and management experience in Florida, Washington, D.C. Virginia, South Carolina, and the Caribbean.

**KEVIN A KEANE, P.E.**

Senior Vice President brings over 17 years experience in the Design and Construction Management of Water/Wastewater, Transportation, Environmental and Aviation projects. He has a strong knowledge of Miami-Dade, Broward, Palm Beach Counties, USEPA, FDOT, SFWMD and FAA Procedures and Standards.

Mr. Keane works in various aspects of Aviation, Transportation, Environmental Engineering Construction and Management. His experience also includes Project Management, Planning, Design, Permitting, Site Inspections, Audits, Stormwater, SWPPPs, Coordination, Scheduling, Contamination Assessments, Monitoring and Reporting Contaminated Sites, Environmental Cleanups.

**TONI R WILLIAMS**

Director of Business Development responsible for the strategic marketing operations of the firm. She brings a well-rounded and creative energy to the firm and is involved in Aviation, Transportation, Civil and Environmental Projects.

Ms. Williams holds a Masters in Architecture (MArch) with over 9 years of experience encompassing, Architecture, Engineering and Design in South Florida, New York, and Germany.

**RESOURCES**

Maintaining a competitive edge in today's marketplace demands keeping pace with changing technologies. BND utilizes technological advancements with state-of-the-art C.A.D.D. (Auto CAD and Microstation) and Engineering Software/Tools. This enables us to produce cost effective Computer Aided Construction Documents/Plans for our Private Sector Clients, Municipalities, Utility Companies, and Governmental agencies.

**CLIENT INVOLVEMENT AND PARTNERSHIP**

Our goals are to contribute to environmental quality, protect the public health while providing a high quality and cost effective service to our Clients. Teamwork, Innovative Technology and Specialized Services contribute to the achievement of these Goals.

BND works in partnership with Clients to meet their specific needs and budgets. The firm is structured to assure project continuity and clear lines of communication between BND's staff and the Clients' counterparts. At BND, diligence, meticulous documentation, thoroughness and responsiveness are as equally important as the quality of our designs and the soundness of our technical recommendations.

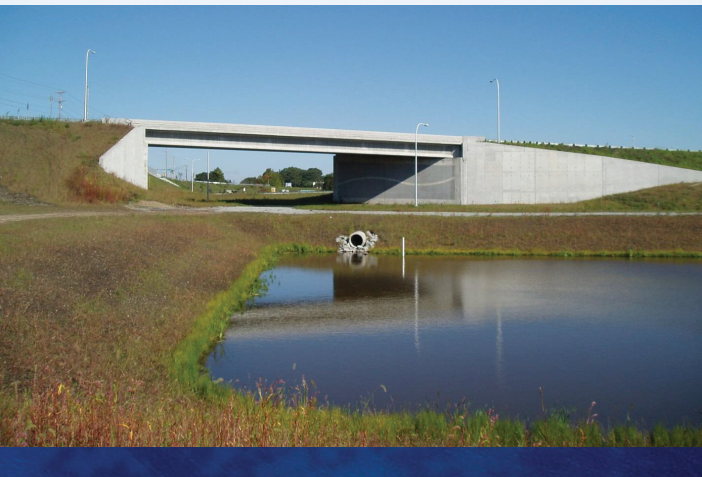
## AVIATION



## CIVIL / WATER / WASTEWATER



## TRANSPORTATION



## ENVIRONMENTAL



*BND Plans, Designs, Permits and Manages Projects in Florida and the Caribbean. At BND, diligence, meticulous documentation, thoroughness and responsiveness are as equally important as the quality of our designs and the soundness of our technical recommendations.*

# PROJECTS

### FEATURED PROJECTS

- MIA RUNWAY 12-30 REHABILITATION
- MIA TRACT ONE DRAINAGE, GRADING AND PAVEMENT IMPROVEMENTS PROJECT
- MIA NORTHSIDE UTILITIES AND DRAINAGE PROJECT
- AMERICAN AIRLINES MIA C-D APRON UNDERGROUND UTILITIES AND APRON-NORTH TERMINAL DEVELOPMENT PROGRAM
- MIAMI DADE WATER AND SEWER DEPARTMENT (MDWASD) NLE - 54 INCH SANITARY SEWER FORCE MAIN / PUMP STATION 1310 IMPROVEMENTS DESIGN BUILD
- MDWASD WATER/WASTEWATER COMPREHENSIVE NEEDS ASSESSMENT PROGRAM
- MDWASD DESIGN OF A 30-INCH SEWAGE FORCE MAIN / PUMP STATION 416 IMPROVEMENTS AT MIAMI GARDENS DRIVE
- MDWASD PUMP STATION IMPROVEMENT PROGRAM CONSTRUCTION MANAGEMENT (PSIP) SERVICES
- FDOT VI SR 932 REPAIR, REHABILITATE AND RESTORE (RRR)
- MIAMI-DADE TRANSIT (MDT) FINAL DESIGN SERVICES FOR THE MIAMI INTERMODAL CENTER (MIC) AND THE EARLINGTON HEIGHTS (EHT) CONNECTOR
- MDT - NORTH CORRIDOR METRORAIL EXTENSION PROJECT PRELIMINARY ENGINEERING
- FDOT IV SR25/US27/SR80 REPAIR, REHABILITATE AND RESTORE (RRR)
- FORMER PAN AM MAIN BASE AT MIA (SOIL/GROUNDWATER ASSESSMENTS, INDUSTRIAL WASTE TREATMENT SYSTEM CLOSURE AND REMEDIATION)
- FORMER EASTERN MAIN BASE INDUSTRIAL WASTE TREATMENT SYSTEM CLOSURE AT MIA
- HOUSING AND URBAN DEVELOPMENT (HUD) UNDERGROUND STORAGE TANK REMOVAL AND ABOVE GROUND STORAGE TANK INSTALLATIONS
- HOMESTEAD MARINA UNDERGROUND TANK FUEL SYSTEM
- FORT LAUDERDALE HOLLYWOOD INTERNATIONAL AIRPORT TAXIWAY AND RAMP REHABILITATION PROJECT
- PALM BEACH COUNTY PAHOKEE APRON PAVEMENT REHABILITATION DESIGN

*Our Clients include Private and Governmental Agencies:*

**GOVERNMENTAL / UTILITIES**

- Miami-Dade County Water and Sewer Department (MDWASD)
- Miami-Dade Parks and Recreation Department (PARKS)
- Miami-Dade Expressway Authority (MDX)
- Broward County Water/Wastewater Department
- City of Miami
- Florida Department of Transportation (FDOT)
- Miami-Dade County Public Works Department
- Miami-Dade County Regulatory and Economic Resources (RER)
- South Florida Water Management District (SFWMD)
- Port Miami

**AVIATION**

- Miami-Dade County Aviation Department (MDAD)
  - Miami international Airport (MIA)
  - Kendall-Tamiami Airport
  - Opa-Locka Airport (OPL)
- Broward County Aviation Department (BCAD)
  - Fort Lauderdale Airport (FLL)
- Palm Beach County Department of Airports (DOA)
  - Palm Beach International Airport (PBJA)
  - Pahokee Airport (PHK)

**PRIVATE**

- American Airlines
- Colonial Properties
- Michael Swerdlow Companies
- Concrete Placements, Inc.

**INTERNATIONAL**

- Government of Jamaica
- National Works Agency, Jamaica (NWA)

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