HBC

EVENT RFQ# 320

Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Name of Respondent's Agency/Firm: HBC Engineering Company

Name of Contact: Hernan Lugo, MS, PE, CFM

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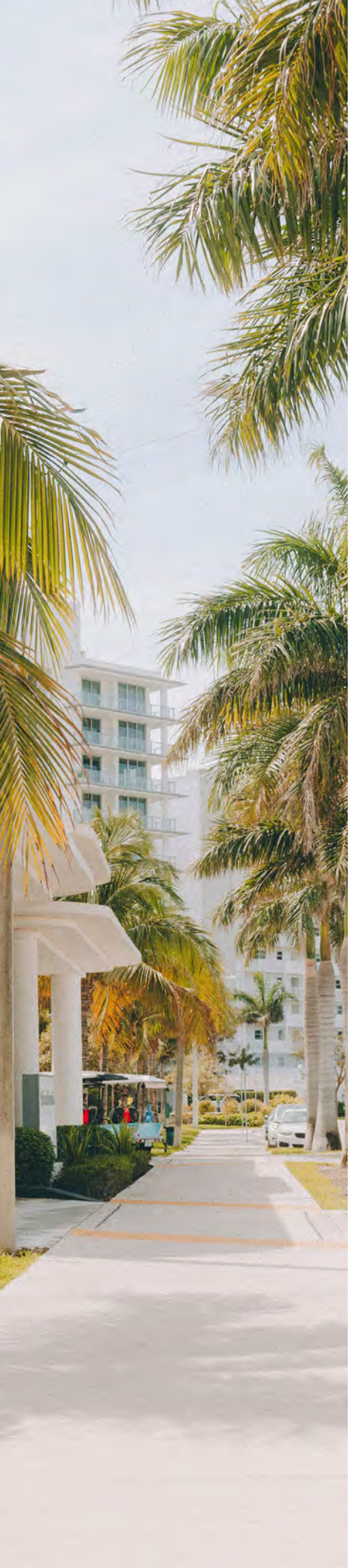


TABLE OF CONTENTS

Cover Page . . . . . Pg. 1

Table of Contents . . . . . Pg. 2

Executive Summary . . . . . Pg. 3

Firm Qualifications and Experience . . . . . Pg. 5

Qualifications of the Project Team . . . . . Pg. 9

History and Past Performance of Firm . . . . . Pg. 49

Approach to Scope of Work . . . . . Pg. 52

References . . . . . Pg. 66

Minority/Women (M/WBE) Participation . . . . . Pg. 89

Subconsultants . . . . . Pg. 91

Required Forms . . . . . Pg. 93

(A) Business Licensure . . . . . Pg. 116

(B) Personal Licensure Pg.122

EXECUTIVE SUMMARY

HBC Engineering Company (HBC) is pleased to submit our qualifications for RFQ Event # 320 for the Design of Sidewalk Improvements Citywide. HBC is a Florida licensed multidisciplinary engineering firm with nearly two decades of experience delivering municipal transportation and mobility projects across South Florida. We will support the City of Fort Lauderdale Transportation and Mobility Department with comprehensive sidewalk planning, design, cost estimating, permitting, and construction phase services, emphasizing ADA compliance, safety, constructability, schedule control, and delivery of citywide programs.

HBC's Background & Qualifications

HBC is a Florida-based multidisciplinary consulting firm with 20 years of service to municipal, county, and state clients across South Florida and the Caribbean. Founded in 2006, we have grown into a trusted partner with more than 80 professionals specializing in transportation planning, traffic engineering, roadway design, structural engineering, water resources, and CEI.

As a certified DBE, MBE, and SBE in the State of Florida, we are recognized for delivering innovative, cost-effective, and context-sensitive solutions that improve safety, mobility, and resilience. Our portfolio includes successful assignments for the City of Fort Lauderdale, FDOT Districts 4 and 6, Broward County, and Miami-Dade County, giving us strong knowledge of local conditions, regulatory frameworks, and funding programs.

HBC's success is rooted in technical depth, responsive client service, and rigorous QA/QC processes tailored to FDOT and municipal standards. Our teams are led by Florida-licensed engineers with advanced credentials across structural, traffic, and multimodal disciplines, ensuring reliable performance and effective coordination. With proven qualifications, repeat clients, and a collaborative approach, HBC offers the City the technical precision, local knowledge, and accountability needed to achieve its structural and infrastructure goals.

Understanding of the City's Objectives

The City of Fort Lauderdale intends for this contract to advance safe, accessible, and connected pedestrian infrastructure, while enhancing neighborhood livability and supporting long-term resiliency. HBC understands that the City's objectives focus on delivering sidewalk improvements that improve pedestrian safety, ADA accessibility, and multimodal connectivity across diverse corridors, while responding to site specific constraints such as drainage, utilities, right of way conditions, and maintenance of traffic. The City also seeks consistent, construction ready designs

Business Structure

HBC Engineering Company was incorporated in Florida as an S-Corp on June 15th, 2006, and licensed to practice engineering and conduct business in the State of Florida under document number P06000082280.

Officers and Principals of the Firm

Adebayo Coker, PE - President/CEO

Edgar Diaz, MS, PE, PSM - Vice President

Happiness Oboh-Coker - Assistant Treasurer

Jose Lopez, PE - Vice President

Fernando Craveiro de Sa, PhD - Vice President

Hernan Lugo, MS, PE, CFM - Vice President

Orlando Penate, PE, EE, IMSA III - Vice President

Headquarters and Office Locations

9675 NW 117th Ave, Suite 305, Miami, FL 33178 (HQ)

5200 NW 33rd Avenue, Suite 211, Fort Lauderdale, FL 33309 (Main Office)

23123 S State Road 7, Suite 109, Boca Raton, FL 33428

2700 Westhall Lane, Suite 225, Maitland, FL 32751

that support efficient delivery, cost control, and regulatory compliance for multiple locations citywide.

We have recently completed **over 30 Complete Streets** projects in South Florida.

HBC recognizes that these objectives are interrelated. Effective sidewalk improvements must balance safety, accessibility, constructability, and fiscal responsibility, while integrating drainage solutions and resilient design practices appropriate for a coastal environment. With nearly two decades of experience delivering municipal sidewalk and transportation projects throughout South Florida, HBC is prepared to support the City with coordinated planning, engineering, permitting, and construction phase services that result in durable, compliant, and community focused pedestrian improvements.

Proposed Approach

HBC's approach is directly aligned with the City of Fort Lauderdale's services for the Design of Citywide Sidewalk Improvements. The approach emphasizes structured program delivery for 50–70 sidewalk locations funded through the Transportation Surtax, with a focus on consistency, accountability, and schedule certainty. HBC will implement a scalable, repeatable workflow that integrates field reconnaissance, survey, base mapping, conceptual planning, and progressive design development at the 15%, 30%, 60%, 90%, and 100% milestones required by the RFQ. This methodology ensures ADA and PROWAG compliance, incorporation of City standards, early identification of right-of-way, drainage, utility, and tree constraints, and preparation of complete construction-ready plans, specifications, cost estimates, and bid documents suitable for City procurement and construction.

The proposed approach also addresses the City's broader program needs beyond plan production. HBC will proactively manage utility coordination, drainage evaluations, permitting support, and public involvement while maintaining clear communication, documented decision points, and disciplined QA/QC throughout design. Progressive cost estimating, constructability reviews, and maintenance-of-traffic considerations are integrated to minimize change orders and schedule impacts during construction. The approach fully supports the RFQ requirements for bidding assistance, addenda, RFI responses, and construction-phase technical support, while maintaining compliance with City procedures and Surtax accountability expectations. Overall, HBC's approach delivers a coordinated, ADA-compliant, and constructible sidewalk network that improves pedestrian safety, closes sidewalk gaps, and enhances connectivity across the City.

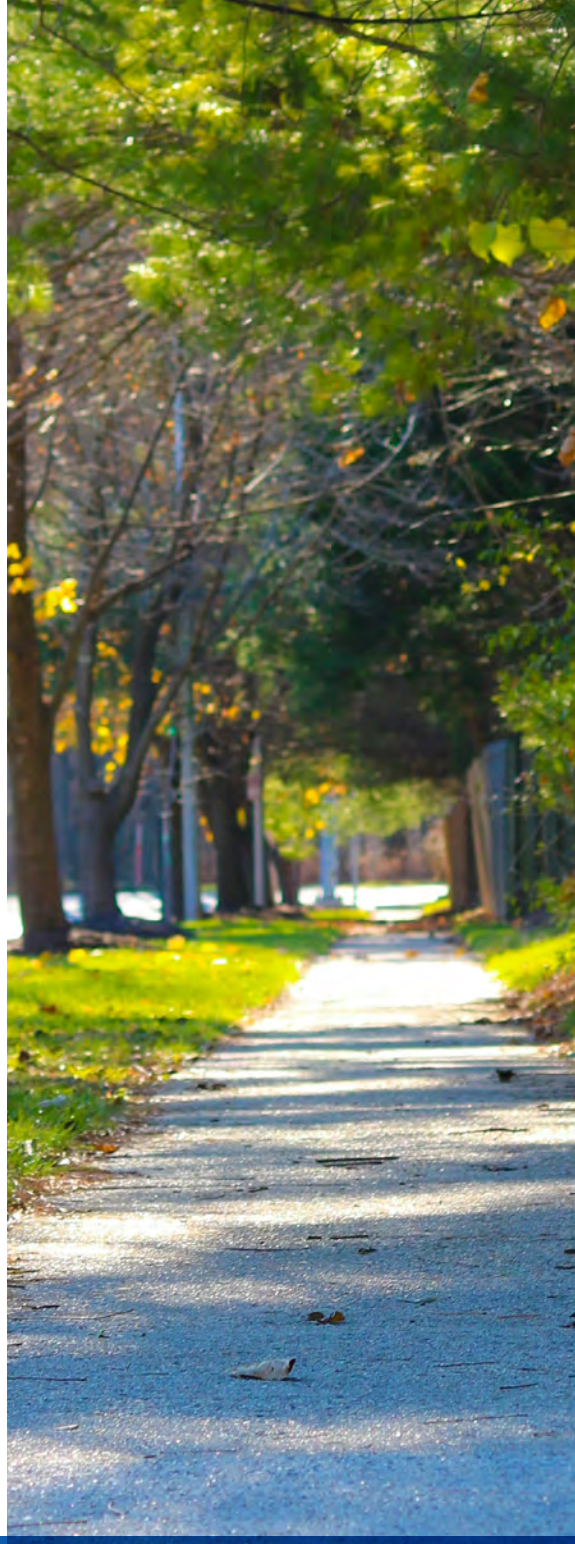
Project Team & Key Personnel

For this contract, we will partner with **KCI Technologies, Inc. (KCI), Longitude Surveyors, LLC (LON), AREHNA Engineering Inc. (ARE), and Media Relations Group, LLC (MRG).** This experienced and diverse team offers a strong blend of local insight, specialized expertise, and proven capacity to support the City of Fort Lauderdale.

Commitment to the City of Fort Lauderdale

HBC is committed to delivering structural engineering services that are practical, resilient, and aligned with the City of Fort Lauderdale's infrastructure priorities. Our local knowledge, technical expertise, and proven record with municipal clients make us a dependable partner for the City's Public Works Department. We welcome the opportunity to collaborate with City staff, stakeholders, and the community to provide forward-thinking solutions that enhance safety, extend asset life, and support the City's long-term goals.

480+	$5.2B+	19+	100+	80+
Total of projects completed	Construction dollar value of projects	Years of relevant experience	Continuing Service Contract	Professionals across Florida



1. Firm Qualifications and Experience

HBC

FIRM QUALIFICATIONS AND EXPERIENCE

Qualifications of the HBC Team

HBC is a Florida-based, multidisciplinary consulting firm with nearly **20 years** of continuous service to municipalities, counties, and state agencies across South Florida. Our firm has grown to more than **80 professionals,** including **19 licensed Professional Engineers, 43 technical staff, and 15 support staff,** along with planners, inspectors, and specialists dedicated to delivering innovative and cost-effective infrastructure solutions.

Our team's collective expertise spans a variety of disciplines, including transportation engineering, traffic operations, complete streets design, environmental permitting, and Construction Engineering and Inspection (CEI). Additionally, HBC has completed numerous successful projects involving roadway, sidewalk, and park design, stormwater management, landscape architecture, and transit planning, with consistently high client satisfaction ratings. This breadth of in-house capabilities allows us to offer a seamless, integrated approach to every project.

Complete streets design are foundational strength of HBC's practice. Our team has extensive experience delivering complex transportation and complete streets projects that adhere to FDOT standards and meet the rigorous demands of Florida's evolving infrastructure needs. HBC's engineers are highly skilled in urban and rural roadway design, traffic control, drainage solutions, and complete streets initiatives, allowing us to create safe, functional, and efficient corridors for diverse communities across the state.

HBC is recognized for its commitment to high-quality, buildable designs and our proactive approach to project management. Our expertise extends to all aspects of complete streets design, such as roadway engineering, including traffic analysis, multimodal planning, utility coordination, and regulatory compliance. By leveraging our in-depth knowledge of FDOT protocols and requirements, we streamline the permitting process and maintain strong relationships with regulatory agencies, ensuring smooth project execution.

Our client-focused approach and dedication to technical

Firm Name
HBC Engineering Company

Contact Information
proposals@hbcengineeringco.com
(305) 232-7932
hbcengineeringco.com

Point of Contact
Hernan Lugo, MS, PE, CFM
Project Manager
hlugo@hbcengineeringco.com
(954) 648-9799

Office Address
5200 NW 33rd Avenue
Suite 211
Fort Lauderdale, FL 33309

Business Structure
S-Corporation

Business Registration
Registered in the State of Florida on June 15th, 2006, under Certificate No. P06000082280

Refer to Appendix C: Business Licensure for a copy of our registration.

Professional Business License
Florida Professional Engineering Certificate of Authorization No. 27160

Refer to Appendix C: Business Licensure for a copy of our professional business license.

excellence allow us to deliver resilient and cost-effective infrastructure solutions. HBC's designs prioritize the safety of motorists, pedestrians, and cyclists alike, incorporating innovative features that enhance usability and sustainability. Clients benefit from our ability to manage complex projects from initial design through construction, consistently delivering on time and within budget, while meeting the highest standards of quality.

Demonstration of Minimum Qualifications

HBC Engineering Company meets or exceeds all minimum qualification requirements of RFQ Event #320. Since 2006, HBC has delivered civil and transportation engineering services, and maintains the financial capacity, technical expertise, and organizational structure required to perform citywide sidewalk design under a continuing services contract. HBC has completed projects of similar scale and complexity for comparable public agencies, including Broward County, Miami-Dade County, and FDOT. HBC's principals and professional staff exceed experience requirements and bring expertise in sidewalk and pedestrian design, ADA compliance, drainage coordination, utility conflict resolution, maintenance of traffic, and the development of construction-ready plans. The proposed Project Manager has led comparable municipal programs, ensuring effective control of scope, schedule, and budget. HBC has no record of judgments, defaults, or conflicts of interest and demonstrates consistent, responsible performance. The firm and all subconsultants are licensed and registered in Florida.

Required supporting documentation, including project descriptions, team resumes, licenses, certificates of authorization, and compliance forms, can be found within this proposal package.

Service Capacity and Teaming Approach: HBC has assembled a multidisciplinary team structured specifically to support **citywide, multi-location sidewalk programs with competing priorities, constrained schedules, and public funding oversight.** Our approach prioritizes safe, accessible, and connected pedestrian infrastructure while coordinating effectively with multimodal systems, utilities, drainage, and streetscape elements across numerous locations. HBC has successfully supported municipal clients in advancing **large groups of sidewalk improvements concurrently,** applying standardized workflows, clear task sequencing, and disciplined quality control to maintain consistency while responding to varying site conditions and urgency levels.

Our team is experienced in managing conceptual planning, construction-ready design, cost estimating, and support services for sidewalk programs that require **parallel task execution, staff load balancing, and proactive issue resolution** to keep projects moving. This service capacity allows HBC to respond to multiple task assignments at the same time while maintaining schedule control, compliance with City standards, and accountability expected for surtax-funded programs.

HBC's team of subconsultants was selected to directly support the scope of services and delivery objectives identified in the RFQ for citywide sidewalk improvements. These firms include **KCI Technologies, Inc. (KCI), Longitude Surveyors, LLC (LON), AREHNA Engineering Inc. (ARE), and Media Relations Group, LLC (MRG)**, each providing specialized expertise aligned with the City's needs. Collectively, these firms support sidewalk delivery through survey and mapping, traffic and pedestrian analysis, engineering support, geotechnical services, and public coordination. Their familiarity with City standards and review processes, combined with established working relationships, promotes efficient coordination, clear communication, and consistent, high-quality deliverables across multiple locations.

This team structure combines the responsiveness of a local small business with the depth of technical capacity and program experience of our strategic partners, ensuring the City receives agile, well-managed support under this continuing services contract.

Commitment to Inclusive Business Participation: HBC is committed to supporting the City's objectives for equity and supplier diversity and **will meet or exceed the 30% County Business Enterprise (CBE) participation goal** established for this Transportation Surtax–funded project. HBC is certified as a DBE, MBE, and SBE in the State of Florida and has structured its team to ensure meaningful participation by certified firms.

Certified partners include **Longitude Surveyors, LLC (LON), AREHNA Engineering Inc. (ARE), and Media Relations Group, LLC (MRG).** Embedding these firms in survey and mapping, geotechnical engineering, and public involvement services supports local economic growth, broadens opportunities for small and minority-owned businesses, and strengthens project delivery through diverse perspectives.

Ability to meet Time and Budget Requirements: HBC is committed to delivering all task orders under this continuing services contract on time and within budget. Our schedule management approach emphasizes comprehensive planning, baseline milestone tracking, and continuous monitoring. Schedules are treated as living documents, updated regularly to reflect progress and evolving needs, while rapid resource deployment and staff assignments based on expertise help minimize rework and delays. We also maintain open communication with City staff and subconsultants to ensure alignment and resolve issues before they affect project timelines.

Our budget control practices are equally rigorous. We establish baseline budgets with built-in contingencies, identify optional services early to prevent scope creep, and apply value engineering and life-cycle cost analyses to maximize efficiency. Expenditures are tracked through detailed reporting systems, ensuring transparency, cost discipline, and minimization of change orders. This integrated approach to schedule and budget management, combined with our proven record of delivering municipal and FDOT continuing contracts on time and within budget, ensures reliable, cost-effective performance for the City of Fort Lauderdale.

HBC's disciplined approach to schedule and budget control ensures every task order is delivered with efficiency, accountability, and results the City can depend on.

HBC Team Awards and Recognitions

American Council of Engineering Companies(ACEC)
2023 Outstanding Project Award- Venetian Causeway Improvements Bridges PD&E Study

American Association of Civil Engineers (ASCE)
2023 Awards & Board Installation Dinner Certificate of Appreciation 2023 - Silver Sponsor of the ASCE

2022 Awards & Board Installation Dinner Certificate of Appreciation 2022 - Silver Sponsor of the ASCE

2024 Engineer of the Year Award - Claudia Bustamante

Cuban American Association of Civil Engineers (CAACE)
2021 Project of the Year Category III Award for the Miami-Dade County Water and Sewer Department (MDC-WASD) Central District Wastewater Treatment Plant (CDWWTP) Oxygen Production Facility

Florida Department of Transportation (FDOT)
2006 Special Achievement Award

2005 Highway Engineering Award

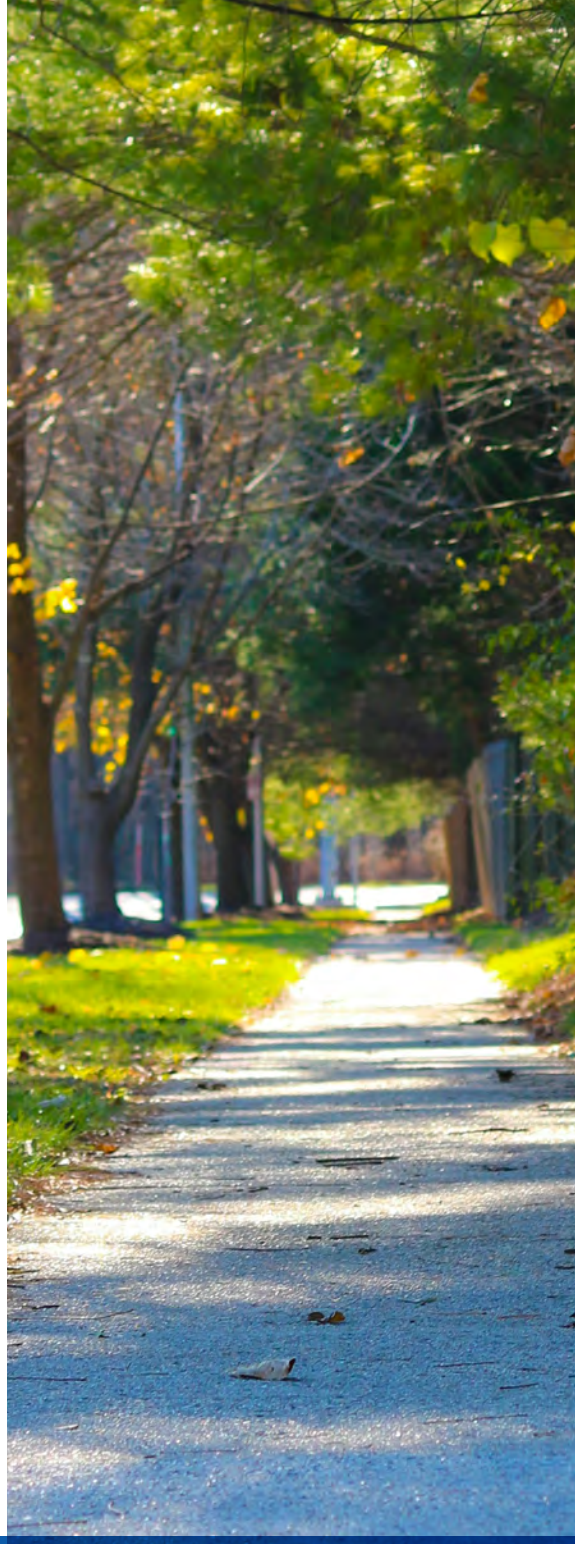
2004 Team Achievement Award - Biscayne Boulevard III

Intelligent Transportation Society of Florida
2024 Outstanding Achievement Award - Daniel Rodriguez

Miami-Dade County

Platinum Sponsor of the 6th Annual District 1 Black Heritage Festival
2020 Certificate of Appreciation - Bronze Sponsor of the 7th Annual District 1 Black Heritage Festival

The Nigerian Women Association of Georgia (NWAG)
2023 Sponsor Award



Qualifications of the Project
2. Team

HBC

QUALIFICATIONS OF THE PROJECT TEAM

HBC Engineering Company is a Florida-based multidisciplinary planning and engineering firm with over 80 highly qualified professionals dedicated to delivering infrastructure solutions that enhance mobility, safety, and resilience. Since its founding in 2006, HBC has completed more than 490 projects across Florida, representing over $5.2 billion in construction value. Our staff includes planners, engineers, and inspectors with specialized expertise in transportation planning, traffic engineering, civil concept plans, and CEI.

HBC maintains a strong presence throughout South Florida and the technical reach to support agencies statewide. Our team has participated in numerous General Engineering Consultant (GEC) and GPC contracts for clients, including the Miami-Dade TPO, the Florida Department of Transportation (FDOT), the South Florida Regional Transportation Authority (SFRTA), Miami-Dade County, Water and Sewer Department (WASD), and the Department of Transportation and Public Works (DTPW).

HBC's qualifications align directly with RFQ Event #320, supporting sidewalk improvements from conceptual planning through construction phase services. Our experience includes base mapping, engineering analysis, construction ready plans, cost estimates, permitting coordination, and construction support. HBC provides integrated pedestrian and multimodal expertise, including ADA compliant sidewalk design, drainage and utility coordination, maintenance of traffic planning, and streetscape elements, ensuring safe, consistent, and constructible improvements across multiple locations citywide.

KCI Technologies, Inc. (KCI) is a 100 percent employee-owned multidisciplinary firm with a Fort Lauderdale office and more than 2,400 professionals nationwide. KCI provides landscape architecture and arborist services supporting sustainable streetscapes, tree inventory and management, irrigation planning, and resilient corridors, parks, and multimodal facilities for transportation and public space projects for municipalities and FDOT across Florida, focused on safety, mobility, and long-term sustainability.

Longitude Surveyors, LLC. (LON) is a South Florida-based surveying and mapping firm specializing in transportation and highway infrastructure projects. Services include surveying and mapping, subsurface utility engineering, construction surveying, and advanced geospatial technologies. With a dedicated Broward County office, FDOT prequalification, and extensive experience supporting GMX, Miami-Dade County, and FDOT District 6, Longitude delivers precise, responsive, and reliable surveying services for complex roadway and traffic projects.

AREHNA Engineering Inc. (ARE) is a South Florida-based geotechnical engineering and materials testing firm providing services for roadway, bridge, drainage, and multimodal transportation projects. AREHNA supports Broward County, FDOT, and local agencies with subsurface investigations, foundation recommendations, and construction materials testing. With FDOT prequalification, in-house drilling capabilities, and an accredited laboratory, AREHNA delivers responsive, cost-effective, and technically sound geotechnical solutions.

Media Relations Group, LLC (MRG) is a woman-owned firm with more than 20 years of public involvement experience, MRG specializes in strategic communications and community outreach for transportation projects. Led by Priscila Clawges and Paulette Summers, the team delivers multilingual outreach, stakeholder coordination, and grassroots engagement. With strong familiarity in Broward County and LAP projects, MRG supports inclusive, transparent, and effective public engagement efforts.

Team Key Personnel

Hernan Lugo, MS, PE, CFM – Project Manager

HBC Engineering Company (HBC) is proud to designate **Hernan Lugo, MS, PE, CFM** as the Lead Engineer for the City of Fort Lauderdale - Design of Sidewalk Improvements Citywide. Hernan is a seasoned Project Manager with 27 years of civil engineering experience, including eight years with HBC, and extensive expertise in roadway, drainage, stormwater, and utility coordination design. He has managed and served as Engineer of Record on numerous FDOT- and LAP-funded infrastructure projects, including sidewalk, drainage, and mobility improvements that advance ADA compliance, neighborhood connectivity, and resilience—core priorities of this contract.

Hernan's technical leadership spans the full project lifecycle—from concept development and permitting through design and construction support—consistent with LAP and FDOT procedural requirements. He brings extensive experience coordinating across agencies and disciplines to deliver neighborhood infrastructure improvements involving ADA-compliant sidewalks, multimodal transportation corridors, and sustainable stormwater systems. His in-depth understanding of South Florida's regulatory and permitting framework, combined with a strong record managing projects funded through municipal, state, and federal programs, ensures the City's goals for safety, mobility, and resilient community design.

Hernan holds active licensure as a Professional Engineer in the State of Florida and Texas and meets or exceeds the qualification requirements outlined in this RFQ. As a Certified Floodplain Manager and Florida Certified Building Contractor, he offers a comprehensive, multidisciplinary approach to resilient and efficient infrastructure design.

Hernan will be supported by the following HBC staff:

- Adebayo Coker, PE – Principal-in-Charge | PD&E Studies
- Edgar Diaz, MS, PE, PSM – Quality Assurance/Quality Control
- Christopher Soto, PE, RSO – Constructability Review
- Jose Lopez, PE, IMSA I – Roadway/Sidewalk/Shared-use Path | Site Civil/Parking
- Osmin Ocon, EI – Roadway/Sidewalk/Shared-use Path
- Sonny Abia, PhD, PE – Permitting /Utility Coordination
- Leandro Vazquez – Permitting /Utility Coordination
- Gonzalo Barrera, PE – Signalization Engineering
- Alexander Tzenkov, EI – Signalization Engineering | Site Civil/ Parking
- Adelbert Shaffer, PE – Stormwater/Drainage
- Joseph Maceo, EI – Stormwater/Drainage
- Teodoro Tefel, PE – Maintenance of Traffic (MOT)
- David Coker, EI, – Maintenance of Traffic (MOT)
- Claudia Bustamante, MS, PE– Civil, Signing, Pavement Marking and Channelization
- Ynaja Juste, EI – Civil, Signing, Pavement Marking and Channelization
- Melannie Gomez – Public Involvement
- Eugene Hunter, IMSA I – Construction Administration
- Julia Beliz, EI – GIS Analyst
- Joseph Williams– Cost Estimator
- Sreelatha Nandivada, MS, PE – Miscellaneous Structures
- Roberto Rubio, MS, PE – Miscellaneous Structures
- Moatz Saad, PhD, PE, PTOE, IMSA II – Traffic Engineering & Safety Studies
- Jeremy Braithwaite, IMSA II – Traffic Engineering & Safety Studies
- Orlando Penate, PE, IMSA III – Lighting & Electrical Engineering
- Maikel Fiallo Nunez, PE – Lighting & Electrical Engineering
- Daniel Rodriguez, MS, PE, EE, IMSA III – ITS
- Henry Casanova, EE – ITS
- Juan Flores, PhD, AICP – Planning

And the following staff from subconsultants:

- Todd Mohler, RLA, ISA, IA – Landscape/Irrigation/Streetscape
- Kirk Hoosac, RLA – Landscape/Irrigation/Streetscape
- Eduardo M. Suarez, PSM – Design, Right of Way & Construction Surveying
- Telva Morejon, CST, SIT – Design, Right of Way & Construction Surveying
- Angela L. Alba, PE – Geotechnical Engineering
- Andy Tao, PE – Geotechnical Engineering
- Paulette Summers – Public Involvement

ORGANIZATIONAL CHART

CITY OF FORT LAUDERDALE

LEGEND

HBC . . . . . HBC Engineering Company (DBE/SBE/MBE)
KCI . . . . . KCI Technologies, Inc.
LON . . . . . Longitude Surveyors, LLC (CBE)
ARE . . . . . AREHNA Engineering Inc. (CBE)
MRG . . . . . Media Relations Group, LLC (CBE)
% . . . . . Availability

Principal-in-Charge

Adebayo Coker, PE[1]
33 | 80% | HBC

Project Manager

Hernan Lugo, MS, PE[1]
27 | 100% | HBC

Quality Assurance/Quality Control

Edgar Diaz, MS, PE, PSM[1]
34 | 80% | HBC

Constructability Review

Christopher Soto, PE, RSO
13 | 80% | HBC

Engineering Services

Roadway/Sidewalk/Shared-use Path

Jose Lopez, PE, IMSA I | 20 | 80% | HBC
Osmin Ocon, EI | 4 | 90% | HBC
David Coker, EI | 7 | 90% | HBC
Alexander Tzenkov, EI | 3 | 90% | HBC
Joseph Maceo, EI | 7 | 100% | HBC

Design, Right of Way & Construction Surveying

Eduardo M. Suarez, PSM | 41 | 85% | LON
Telva Morejon, CST, SIT |37 | 90% | LON

Permitting /Utility Coordination

Sonny Abia, PhD, PE | 36 | 80% | HBC
Leandro Vazquez | 5 | 90% | HBC

Signalization Engineering

Gonzalo Barrera, PE | 7 | 80% | HBC
Alexander Tzenkov, EI | 3 | 90% | HBC

Site Civil/Parking

Jose Lopez, PE, IMSA I | 20 | 80% | HBC
Alexander Tzenkov, EI | 3 | 90% | HBC

Stormwater/Drainage

Adelbert Shaffer, PE | 22 | 100% | HBC
Joseph Maceo, EI | 7 | 100% | HBC

Maintenance of Traffic (MOT)

Teodoro Tefel, PE | 39 | 80% | HBC
David Coker, EI | 7 | 90% | HBC

Geotechnical Engineering

Angela L. Alba, PE | 27 | 85% | ARE
Andy Tao, PE | 11 | 90% | ARE

Landscape/Irrigation/Streetscape

Todd Mohler, RLA, ISA, IA | 31 | 85% | KCI
Kirk Hoosac, RLA | 20 | 85% | KCI

Civil, Signing, Pavement Marking and Channelization

Claudia Bustamante, MS, PE | 21 | 80% | HBC
Ynaja Juste, EI | 9 | 90%| HBC

Public Involvement

Paulette Summers | 26 | 85% | MRG
Melannie Gomez | 4 | 90% | HBC

Support & Integration Services

ADA Compliance

Hernan Lugo, MS, PE, CFM | 27 | 100% | HBC

Construction Administration

Eugene Hunter, IMSA I | 35 | 100% | HBC

GIS Analyst

Julia Beliz, EI| 3 | 80% | HBC

Cost Estimator

Joseph Williams | 38 | 90% | HBC

Miscellaneous Structures

Sreelatha Nandivada, MS, PE | 23 | 80% | HBC
Roberto Rubio, MS, PE | 39 | 90% | HBC

Traffic Engineering & Safety Studies

Moatz Saad, PhD, PE, PTOE, IMSA II | 14 | 80% | HBC
Jeremy Braithwaite, IMSA II | 8 | 90% | HBC

Lighting & Electrical Engineering

Orlando Penate, PE, IMSA III | 20 | 90% | HBC
Maikel Fiallo Nunez, PE | 25 | 90% | HBC

ITS

Daniel Rodriguez, MS, PE, EE, IMSA III | 11 | 90% | HBC
Henry Casanova, EE | 1 | 90% | HBC

Project Development & Environmental (PD&E) Studies

Adebayo Coker, PE | 33 | 80% | HBC
Hernan Lugo, MS, PE, CFM | 27 |100% | HBC

Planning

Juan Flores, PhD, AICP | 25 | 80% | HBC

Adebayo Coker, PE

Principal-in-Charge | PD&E Studies

33 Years of Experience

Years with HBC
19 years

Education
B.S. in Civil Engineering, Florida International University (08/13/1992)

Registration(s)
PE (FL) No. 55322 (02/11/2000)

TIN No. C26001866

Licenses & Certifications
FDOT CTQP:

Asphalt Paving Levels 1 and 2

QA/QC Manager

TTC Advanced No. 38977

Expertise
Roadway design, project development and environment (PD&E) studies, construction management, signalization, signing and pavement markings, maintenance of traffic (MOT), transportation planning, safety analysis, quality assurance/quality control (QA/QC).

Adebayo is a seasoned transportation engineer with over 30 years of experience in PD&E and transportation planning. He has led multimodal planning efforts and studies for major clients, including FDOT, MDC-DTPW, Palm Beach County, and GMX. His expertise spans corridor studies, traffic analyses, and environmental assessments, integrating roadway, transit, and non-motorized improvements to enhance mobility and safety while ensuring regulatory compliance and sustainable development.

City of Hollywood, Johnson St from North 30th Rd to North Dixie Hwy Complete Streets PD&E Study. Project Manager and Engineer of Record for the Johnson Street Complete Streets PD&E study, tasked with evaluating alternatives to improve safety and efficiency. The scope includes redesigning sidewalks, adding lighting, reconstructing the 2-lane roadway with a center turn lane, installing new transit stops, and improving drainage within the ROW. Adebayo led data collection, traffic analysis, conceptual designs, and public involvement efforts. *Location: Hollywood, FL. Dates: 03/2023–Ongoing. Reference: Luis Lopez, PE, (954) 921-3251, llopez@hollywoodfl.org. Contract Amount: $150K. Contract No.: HOLL-038.*

Florida Department of Transportation (FDOT) District 6, SR-907/Alton Rd Project Development & Environment (PD&E) Study from 5th St to Michigan Ave. FDOT Project Manager for the Alton Road PD&E Study from 5th Street to Michigan Avenue. The study involved analyzing existing conditions, public involvement, selecting and evaluating alternatives, and assessing environmental, social, and cultural impacts. Proposed improvements focused on safety, drainage, utilities, signalization, pedestrian and bicyclist facilities, traffic flow, pavement, lighting, and TCPs.*Location: Miami-Dade County, FL. Dates: 2007–2008. Reference: Aileen Boucle, AICP, (305) 470-5201, aileen.boucle@dot.state.fl.us.*

Florida Department of Transportation (FDOT) District 6, SR-916/NW 138th St/Opa Locka Blvd State Environmental Impact Report (SEIR) from NW 57th Ave/Red Rd to NW 67th Ave/Ludlam Rd. FDOT Project Manager for the SEIR of SR-916/NW 138th Street improvements from NW 57th Avenue to NW 67th Avenue. The project involved widening the roadway from 2 to 4 lanes with a center left turn lane. Tasks included analyzing existing conditions, evaluating alternatives, and assessing environmental impacts. Proposed improvements addressed safety, drainage, utilities, signalization, pedestrian facilities, traffic flow, pavement, lighting, and TCPs.*Location: Miami-Dade County, FL. Dates: 2007–2008. Reference: Aileen Boucle, AICP, (305) 470-5201, aileen.boucle@dot.state.fl.us.*

Florida Department of Transportation (FDOT) District 6, Project Development & Environment (PD&E) Studies, Resurfacing, Restoration, and Rehabilitation (RRR) Scoping Reports, & Traffic Reports. District 6 Project Development Engineer overseeing utility coordination, PD&E studies, traffic reports, and 3R scoping reports for various projects, including West Flagler Street, NW 74th Street, Card Sound Road, I-75, Tamiami Canal Swing Bridge, I-395/SR-836, NW 42nd Court/Perimeter Road, SR-997/Krome Avenue Truck Bypass, Rickenbacker Causeway, and the NW 27th Avenue Express Bus Service Study. *Location: Miami-Dade County, FL. Dates: 2006-2008. Reference: Aileen Boucle, AICP, (305) 470-5201, aileen.boucle@dot.state.fl.us.*

Hernan Lugo, MS, PE, CFM

Project Manager | ADA Compliance

27 Years of Experience

Years with HBC
8 years

Education
M.S. in Environmental Engineering, Texas A&M University (12/16/2011)

B.S. in Civil Engineering, Universidad Nueva Esparta, Venezuela (05/30/1998)

Registration(s)
PE (FL) No. 74961 (08/06/2012)

PE (TX) No. 108728 (05/25/2011)

TIN No. L20032074

Licenses & Certifications
Florida Certified Building Contractor - No. 160661

Certified Floodplain Manager - No. US-15-08248

TTC Advanced #38971

Expertise
Drainage design, stormwater management, roadway design, construction administration, utility coordination, floodplain management, transportation infrastructure.

Hernan specializes in drainage design, stormwater management, roadway design, and construction administration, with extensive experience in transportation infrastructure. He has led projects for FDOT, Miami-Dade County, and other agencies, focusing on drainage analysis, floodplain management, utility coordination, and permitting. A licensed PE in Florida and Texas, CFM, and Certified Building Contractor, Hernan integrates innovative solutions for resilient infrastructure.

Florida Department of Transportation (FDOT) District 4, Hollywood Gardens Sidewalk Complete Streets LAP Project. Drainage and public involvement for this Complete Streets LAP project, focusing on utility coordination, designing sidewalks, bike lanes, shared lanes, and landscaping to enhance multimodal connectivity. Deliverables included roadway plans, SWPPP, traffic control plans, and drainage solutions like ditches, French drains, and bioswales. The project addressed public concerns, driveway sidewalks, parking adjustments, and utility conflicts, ensuring ADA compliance for accessibility. *Location: Hollywood, FL. Dates. 1/2015-1/2019. Construction Cost: $3.5M. Reference: Kenzot Jasmin, PE, (954) 777-4462, kenzot.jasmin@dot.state.fl.us.*

Palm Beach County (PBC), Boca Rio Road Widening from Palmetto Park Rd to Glades Rd. Project Manager and Roadway EOR for the Boca Rio Road Widening Project in Palm Beach County, overseeing design and interdisciplinary coordination. The project widened a 1.53-mile corridor, adding one lane in each direction, constructing a raised median, and improving traffic flow and safety. Responsibilities included designing a new drainage system, replacing culverts, upgrading intersections, and ensuring ADA compliance and pedestrian safety. *Location: Palm Beach County, FL. Dates: 10/2023–Ongoing. Reference: Jonathan DeLaura, (561) 684-4013, jdelaura@pbcgov.org.*

Florida Department of Transportation (FDOT) District 4, SR-817/ University Drive from Nova Drive to SR-84. Chief Drainage Engineer for this project that involved a series of significant improvements along SR-817/ University Drive, spanning from Nova Drive to SR-84. Key enhancements included pavement widening to accommodate a new auxiliary lane extending from NW 23rd Street to the westbound 595 ramp, which will improve traffic flow and accessibility. Additionally, existing drainage structures, overhead signs, a mast arm, and utility poles were repositioned to support the road modifications and ensure safety. *Location: Davie, FL. Dates: 02/2022-Ongoing. HBC Fee: $7M. Reference: Adam Naiem, PE, (954) 777-4440.*

Florida Department of Transportation (FDOT) District 4, Homewood Boulevard from Old Germantown Road to Lowson Boulevard. Engineer of Record for designing the Temporary Traffic Control Plan (TTCP) for a 0.51-mile RRR project on Homewood Boulevard in Delray Beach. The TTCP included typical sections for vehicular and ADA-compliant pedestrian detours, lane closure analysis, and phased traffic routing. Coordination with FDOT District 4 ensured feedback and approval of the design. *Location: Delray Beach, FL. Dates: 2018–Ongoing. Reference: Raul Dominguez, PE, (954) 777-4677, raul.dominguez@dot.state.fl.us.*

Edgar Diaz, MS, PE, PSM

Quality Assurance/Quality Control

34 Years of Experience

Years with HBC
20 years

Education
M.S. in Civil Engineering, Florida International University (04/16/1999)

B.S. in Civil Engineering, Florida International University (12/19/1992)

Registration(s)
PE (FL) No. 50728 (08/02/1996)

PE (PR) No. 27906 (06/27/2019)

PSM (FL) No. LS7484 (06/02/2023)

Licenses & Certifications
Advanced Maintenance of Traffic Training

OSHA-30 Hour Certificate

Part 107 Remote Pilot Certificate

Expertise
Civil engineering, construction management, project controls, quality assurance/quality control (QA/QC), water and wastewater infrastructure, roadway design, signalization, maintenance of traffic (MOT), environmental compliance.

Edgar applies his expertise in civil engineering, project management, and quality assurance to optimize planning, scheduling, budgeting, and performance on complex infrastructure projects. With experience across public works, transportation, and utilities, he ensures regulatory compliance and client satisfaction throughout all project phases. Edgar has managed multidisciplinary teams, utility installations, and QA/QC reviews, leveraging his experience with Miami-Dade County and FDOT to deliver large-scale projects efficiently.

Florida Department of Transportation (FDOT) District 4, SR-80/ Southern Blvd from West of Lion Country Safari Rd to Forest Hill Blvd. Quality Assurance/Quality Control Manager for this project that included the signalization design of 4 signalized intersections (Lion Country Safari Road, Binks Forest Drive, Big Blue Trace, Palms West Parkway) for this widening and resurfacing project all 4 signals required replacements. The design required coordination with Palm Beach County the maintenance agency. There are 4 PTMS count station/sites that will be replaced. Design activity includes MOT signal design. *Location: West Palm Beach, FL, Dates: 2012–2016. Reference: James Hughes, PE, (954) 777-4419*

Florida Department of Transportation (FDOT) District 4, SW 30th Ave Widening from Griffin Rd to SW 45th St RRR. Quality Assurance/ Quality Control Manager for this project which included signalization improvements from at four Griffin Road to SW 45th Street. Design includes new signalization loops and assembly, signal heads, pedestrian heads and detectors, sign panels including internally illuminated signs, and traffic controller assembly, new mast arms. Existing traffic controllers were modified. *Location: Dania Beach, FL. Dates: 2014–2017. Reference: Brent Lee-Shue-Ling, PE, (954) 777-4075, Brent.Lee-Shue-Ling@dot.state.fl.us*

Florida Department of Transportation (FDOT) District 4, SR-713/Kings Hwy from Okeechobee Rd to North of the I-95 Overpass. Quality Assurance/Quality Control Manager for this project which included the lighting design of approximately 3.3 miles of roadway reconstruction and retrofitting multiple signalized intersection. *Location: Fort Pierce, FL. Dates: 2012–2014. Reference: Bing Wang, PE, (954) 777-4419, Bing.Wang@dot.state.fl.us*

Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), NE 2nd Ave Reconstruction from NE 69th St to NE 84th St Design-Build Project. Quality Assurance/Quality Control Manager for a project involving drainage, lighting, signalization, and roadway reconstruction. The scope included adding bike lanes, street parking, storm sewer enhancements, curb and gutter repairs, sidewalk reconstruction, new pavement, and signal upgrades. Managed coordination across all design disciplines, including roadway, signalization, utilities, and environmental, ensuring timely project delivery and stakeholder involvement. *Location: Miami, FL. Dates: 2017–2019. Reference: Alejandro Sauleda, (305) 375-4866, alejandro.sauleda@miamidade.gov.*

Christopher Soto, PE, RSO

Constructability Review

13 Years of Experience

Christopher specializes in LAP compliance, contract administration, and CEI for roadway and infrastructure projects. With extensive experience managing LAP-funded projects for FDOT Districts 4 and 6, Miami-Dade County, and local municipalities, he ensures compliance with funding requirements, grant documentation, and project audits. His expertise spans cost estimating, permitting, and construction oversight, focused on enhancing transportation infrastructure and improving community mobility and safety.

Palm Beach County (PBC), CEI Services for the Seminole Blvd Multi-Use Trail and Pedestrian Lighting LAP Project. Senior Project Engineer for a project involving designer pole installation, sidewalk widening from 6' to 12' for pedestrians and cyclists, and drainage upgrades with French drains and manholes. The project also includes milling, resurfacing, steel guide rails, and ADA-compliant detectable surfaces. Chris managed daily reports, MOT and SWPPP checks, and biweekly meetings while ensuring adherence to FDOT and ADA standards. *Location: West Palm Beach, FL. Dates: 5/2023-Ongoing. Reference: Zachary King, (561) 648-4178. zking@pbcgov.org. Construction Cost: $1.8M.*

Palm Beach County (PBC), CEI Services for Wabasso Dr over LWDD L-2 Canal Bridge Replacement LAP Project. Senior Project Engineer for this project, which involved the removal of the existing bridge and replacement with an 8'X12' box culvert; full reconstruction of Wabasso dr from Aspen Rd to Oswego Ave, including two 10' travel lanes, a 4' sidewalk, and 10' grass swales on both sides of the road; enhancements to the drainage system to improve water management and prevent flooding; and, asphalt paving, pavement markings, pedestrian mobility improvements, and landscape upgrades to enhance the overall functionality and aesthetics of the area. *Location: West Palm Beach, FL. Dates: 05/2022-5/2023. Reference: Vipin C. Mehta, (407) 657-6662. Contract No.: 2021052-CSA No. 3.*

Miami-Dade County Department of Transportation and Publis Works, Design Build Services for the Reconstruction of NE 2nd Ave from NE 20th Street to NE 36th Street. As the Constructability Reviewer, Chris delivered comprehensive design-build services for the reconstruction of NE 2nd Avenue from NE 20th Street to NE 36th Street, focusing on roadway reconstruction, stormwater system upgrades, pedestrian and traffic enhancements, and utility improvements. The role includes engineering design, construction documentation, permitting, and project coordination to ensure seamless execution, covering roadway and pedestrian improvements, drainage upgrades, utility installations, and traffic signal enhancements. This project will modernize NE 2nd Avenue, improving safety, drainage capacity, pedestrian access, and utility infrastructure while ensuring timely and effective delivery through efficient planning and coordination. *Location: Miami , FL. Dates: 05/2023- Ongoing. Reference: Alejandro Sauleda, PE, (305) 375-4866,* Alejandro.Sauleda@miamidade.gov, *Construction Cost: $11.5M.*

Years with HBC
1 year

Education
B.S. in Civil Engineering, Florida International University (08/03/2015)

Registration(s)
PE (FL) No. 91722 (06/22/2021)

TIN No. S30010689

Licenses & Certifications
ADA Training Certified

FDOT Advanced MOT

FDOT CTQPs:

- Asphalt Paving Levels I & II
- Earthwork Construction Inspection Levels I & II
- Final Estimates Levels I & II
- Drilled Shaft Level I
- CI – Concrete Field-Testing Critical Structures Construction Issues
- Concrete Field Technician Level I
- Radiation Safety Officer (RSO)
- Nuclear Guage Safety/ Hazmat Radioactive Safety Officer ADA Construction
- Thermography Levels I & II No. 14894
- QC Manager (scheduled)

***Prior to HBC**

Jose A. Lopez, PE

Roadway/Sidewalk/Shared-use Path | Site Civil/Parking

20 Years of Experience

Years with HBC
6 years

Education
B.S. in Civil Engineering, Polytechnic University of Puerto Rico (05/02/2005)

Registration(s)
PE (FL) No. 81014 (04/28/2016)

PE (PR) No. 21897 (10/05/2007)

Licenses & Certifications
30-HR OSHA Certification

TTC Advanced # 74153

ICPR V4 Training

FDOT Specifications Package Preparation

Expertise
Signalization, storm drainage design, roadway design, utility relocations, temporary traffic control (TTC), pedestrian and bicycle infrastructure, construction engineering and inspection (CEI).

Jose specializes in civil engineering, with expertise in roadway design, signalization, Signing and Pavement Marking (S&PM), storm drainage, and utility relocations. He has served as Engineer of Record (EOR) for various Florida Department of Transportation (FDOT) projects, including districtwide resurfacing, safety improvements, and signalization upgrades. His project portfolio includes major roadway reconstruction, traffic signal optimization, and pedestrian safety enhancements for FDOT, Miami-Dade County, and Florida's Turnpike Enterprise. Jose is proficient in ICPR V4, FDOT Specifications Package Preparation, and Temporary Traffic Control (TTC) design.

Florida Department of Transportation (FDOT) District 4, SR-80/ Southern Blvd from West of Lion Country Safari Rd to Forest Hill Blvd/ Crestwood Blvd. Signalization Engineer for designing the signal system for six intersections along SR-80/Southern Blvd from Lion Country Safari Rd to Forest Hill Blvd. The project addressed high-speed conditions by adding new traffic signals, advanced warning beacons, loops, and vehicle video detection to enhance safety and traffic flow. *Location: Palm Beach County, FL. Dates: 2016–2017 Reference: MD Rahman, PE, (954) 481-2812, MD.rahman@stantec.com.*

Florida Department of Transportation (FDOT) District 4, Hollywood Gardens Sidewalk Improvement Project. Performed analysis and drainage design structures for a 40-acre area, which included French drains, electrical load and photometric analysis, 25,000 LF of sidewalks to replace existing damaged and missing gaps with ADA compliant sidewalk. Also prepared drainage report. *Location: Broward County, FL. Dates: 2016–2017. Reference: Kenzot Jasmin, (954) 777-4462, Kenzot.Jasmin@dot.state.fl.us.*

Florida Department of Transportation (FDOT) District 4, SR-7/US-441 Transit Corridor Improvements. Roadway Engineer for designing roadway improvements from the Broward Miami-Dade County Line to North of Sample Road and SR 858/Hallandale Beach Blvd. from Edmund Road to SW 58th Ave. throughout 25 intersections that include "yield to pedestrian" signs, count down pedestrian signals, lighting retrofits, ADA ramps, high emphasis crosswalks, a new signalized restricted crossing, and sidewalk/bike lane construction, widening and flexible pavement design. Design also involved improvements for shared use paths and sidewalks on SR 7/US 441 between Oakes Rd. and the New River Greenway and SR 838/Sunrise Blvd. from SR 7/ US 441 to NW 31st Ave. Also responsible for necessary interdisciplinary coordination. Design improvements excelled in increasing passenger transit and enhancing overall patron experiences. *Location: Broward County, FL. Dates: 2018–Ongoing. Reference: Robert Lopes, PE, (954) 777-4425, Robert.Lopes@dot.state.fl.us.*

Miami-Dade County Department of Transportation and Public Works (MDC-DTPW) NE 2nd Avenue Reconstruction from NE 20th St to NE 36th St Design-Build. Signalization Engineer of Record for designing and implementing traffic signal system improvements at four signalized intersections along the NE 2nd Avenue corridor as part of the Miami-Dade County Department of Transportation and Public Works (MDC-DTPW) NE 2nd Ave Reconstruction from NE 20th St to NE 36th St Design-Build project. The signalization scope includes replacing mast arms, signal heads, and pedestrian signals; upgrading vehicle detection systems with loop detection and advanced video detection technology; and ensuring compliance with MDC-DTPW and FDOT standards for long-term system reliability. *Location: Miami, FL. Dates: 2022–Ongoing. Contract No.: DB21-DTPW-02. Reference: Alejandro Sauleda, (305) 375-4866, alejandro.sauleda@miamidade.gov.*

Osmin Ocon, EI

Roadway/Sidewalk/Shared-use Path

4 Years of Experience

Years with HBC
4 years

Education
B.S. in Civil Engineering, Florida International University (05/07/2022)

B.S. in Industrial Engineering, Universidad Nacional de Ingenieria (12/22/2012)

Registration(s)
EI (FL) No. 1100026399 (01/25/2023)

Licenses & Certifications
Production Management Certification

Professional Updating Seminar Certification

II Management Leadership Seminar Certification

Industrial Electricity Certification

Expertise
Roadway design, signalization, transportation infrastructure, utility coordination, 3D CADD design, pedestrian safety improvements, site verification, drainage analysis, traffic

Osmin is a civil engineering professional with experience in roadway, highway, and signalization projects for FDOT, Broward County, and Miami-Dade County. He has contributed to key projects such as the Broward School Zone Flasher Improvements and SR-7/US-441 Transit Corridor Enhancements. Specializing in 3D CADD designs, utility verification, and signalization plans, Osmin excels in delivering effective, compliant engineering solutions with attention to detail and strong teamwork.

City of Hollywood, Johnson St from North 30th Rd to North Dixie Hwy Complete Streets Project. Roadway and Signalization Designer of the project to evaluate a selected alternative as part of a PD&E study for reconstructing Johnston Street from North 30th Road to North Dixie Highway to accommodate a new interconnected sidewalk on one side of the street, new lighting, fully reconstructed two-lane two-way roadway with a center turn lane, new transit bus stops, and new drainage system within the existing Right of Way (ROW). HBC conducted a Limited Topographic Survey, Data Collection, Development of Conceptual Design Alternatives, Traffic Analysis of the Alternatives, and Public Involvement Coordination. *Location: Broward County, FL. Dates: 2023–Ongoing. Reference: Luis Lopez, PE, (954) 921-3925, llopez@hollywoodfl.org*

Palm Beach County (PBC), Boca Rio Road Widening from Palmetto Park Rd to Glades Rd. Signalization designer of the widening and reconstruction of Boca Rio Road from Palmetto Park Road to Glades Road in Palm Beach County. Responsible for providing the drainage structure cross sections, drainage maps, and spread calculations.. *Location: Palm Beach County, FL. Dates: 10/2023–Ongoing. HBC Fee: $660,977. Reference: Jonathan DeLaura, (561) 684-4013, jdelaura@pbcgov.org.*

Florida Department of Transportation (FDOT) District 4, SR-817/University Dr Widening from Nova Dr to SR-84. This roadway widening project involves the design of signalization improvements, which include the replacement of mast arms, due to the roadway widening and new lane configurations, as well as and the placement of new pedestrian countdown signals, per the Manual on Uniform Traffic Control Devices (MUTCD), at the proposed pedestrian crossing locations. Osmin is responsible for developing a complete set of signalization plans for the proposed roadway widening and signalization improvements. *Location: Broward County, FL. Dates: 2023–Ongoing. HBC Fee: $1.75M. Reference: Adham Naiem, (954) 777-4440, adham.naiem@dot.state.fl.us.*

Broward County Public Works Department, 2 School Zone Flasher Improvements Projects. This project involved designing upgraded solar dual LED ground-mounted school zone flashers to replace twelve (12) existing electric power ground-mounted school zone flashers at five (5) locations near Broward Estates Elementary School in the City of Lauderhill and four (4) existing electric power ground-mounted school zone flashers at two (2) locations near Oakridge Elementary School in the City of Hollywood. This project required relocating existing school signs for plan development, revising and modifying annotations, and creating civil labeler call outs. *Location: Broward County, FL. Dates: 2022-2023. HBC Fee: $78K. Reference: Jose Lopez, PE, Jlopez@hbcengineeringco.com.*

David Coker, EI

Roadway/Sidewalk/Shared-use Path | Maintenance of Traffic (MOT)

7 Years of Experience

Years with HBC
6 years

Education
B.S. in Civil Engineering, Florida International University (12/08/2018)

Registration(s)
EI (FL) No. 1100023530 (6/26/2020)

Licenses & Certifications
TTC Advanced #57886

IMSA Traffic Signal Technician Level 1

Certified Drone Pilot

Bentley OpenRoads 3D Modeling

Synchro and Vissim Simulations

Expertise

Roadway design, traffic engineering, traffic safety studies, signalization, maintenance of traffic (MOT), temporary traffic control, traffic simulation, data collection, drainage design.

David specializes in roadway and traffic engineering, with expertise in 3D roadway design, traffic operations, and signalization. He has worked on highways, arterial roads, and transit projects, using Bentley OpenRoads and ensuring FDOT compliance. His experience includes traffic analysis, signal retiming, and microsimulation modeling with Synchro and Vissim. David has contributed to major projects like the NW 84th Ave Reconstruction and SR-817 Widening. Certified in Advanced MOT and as an IMSA Traffic Signal Technician, he is also a licensed drone pilot.

Florida Department of Transportation (FDOT) District 4, SR-817/ University Dr Widening from Nova Dr to SR-84. This project consists of the widening of one lane along approximately 0.5 mile of SR-817/University Drive from south of Nova Drive to SR-84. This project includes the addition of a choice lane and the widening of the on-ramp by one lane, connecting to I-595. Bike lanes and shared-use path modifications will be included within the reconstruction. David is responsible for assisting with the roadway and drainage design and the development of Temporary Traffic Control Plans (TTCPs). *Location: Davie, FL. Dates: 2022–2024. HBC Fee: $1.75M. Reference: Adham Naiem, PE, (954)-777-4440, adham.naiem@dot.state.fl.us. FM# 445624-1-32-01,* Contract No.: CAI67

Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), NW 84th Ave Reconstruction from NW 58th St to NW 74th St Design-Build. David is serving the role of lead project engineer intern responsible for the development of roadway and drainage engineering plans. This project involves the reconstruction of 1 mile of existing two-lane roadway to expand it into a 4-lane roadway with Two-Way Left-Turn Lane (TWLTL), where Right-of-Way is available. The overall design effort includes the design of new closed drainage conveyance systems, connection to existing outfall and stormwater retention facilities, replacement of existing CMP culverts to RCP culvert crossings, and designing a new stormwater management facility to compensate for the additional impervious areas. *Location: Miami-Dade County, FL. Dates: 2022–Ongoing. Contract No.: DB21-DTPW-04. HBC Fee: $7M. Reference: Alejandro Sauleda, (305) 375-4866, alejandro.sauleda@miamidade.gov.*

Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), Northeast Corridor FTA Categorical Exclusion Data Collection. David assisted with all data collection tasks for this project, which involved evaluating impacts of implementing 13.5 miles of new commuter rail service. He was responsible for overseeing and preparing traffic data collection and performing safety analysis over an initial four month period (with supplemental intersections later added) for 76 study intersections, including Turning Movement Counts (TMCs), 292 72-hour approach volume counts, traffic signal, pre-emption, and geometric data, field review of existing conditions, queuing data, Spot Speed studies at 36 locations, and safety analysis for 52 state road intersections. *Location: Miami-Dade County, FL. Dates: 2022–Ongoing. Reference: Morteza Alian, Morteza.Alian@parsons.com, (305) 507-3843*

Alexander Tzenkov, EI

Roadway/Sidewalk/Shared-use Path | Site Civil/Parking

3 Years of Experience

Years with HBC
3 years

Education
B.S. in Civil Engineering (Summa Cum Laude), Florida Internantional University (12/12/2020)

Licenses & Certifications
EI (FL) No. 1100029024 (06/03/2025)

TTC Advanced # 624238

Expertise
Roadway design, signalization, maintenance of traffic (MOT), temporary traffic control plans (TTCP), resurfacing and rehabilitation (RRR), pedestrian and bicycle infrastructure, pavement restoration.

Alexander specializes in roadway design, signalization, and transportation infrastructure improvements, contributing to multimodal transportation solutions. He has worked with FDOT Districts 4 and 6, Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), the City of Florida City, and the City of Riviera Beach on roadway expansion, traffic signalization, and corridor improvement projects. His expertise includes designing signalization systems, shared-use paths, pedestrian and bicycle facilities, and Temporary Traffic Control Plans (TTCPs) to maintain traffic operations during construction. He is skilled in resurfacing and rehabilitation (RRR) studies, pavement restoration, and corridor enhancements to improve transportation networks. Passionate about delivering efficient and safe infrastructure solutions, Alexander is committed to optimizing urban mobility and traffic operations.

Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), NE 2nd Ave Reconstruction from NE 20th St to NE 36th St Design-Build. Project Engineer for the reconstruction of NE 2nd Avenue from NE 20th to NE 36th Street, including drainage system replacement, mast arm upgrades at three intersections, new midblock crossings, and enhanced pedestrian signals. The project involved upgrading power disconnects, signal cabinets, and carefully analyzing intersections to avoid utility conflicts. Alexander served as Engineering Technician for roadway design, signal design, TTCPs, and grading plans.*Location: Miami, FL. Dates: 2022–Ongoing. Contract No.: DB21-DTPW-02. HBC Fee: $12.6M. Reference: Alejandro Sauleda, (305) 375-4866, Alejandro.Sauleda@miamidade.gov.*

Miami-Dade County Department of Transportation & Public Works (MDC-DTPW), NW 84th Ave Reconstruction from NW 58th St to NW 74th St Design-Build. Project Engineer for the reconstruction of a one mile stretch along NW 84th Ave, consisting of an existing 2-lane roadway that will be expanded into a 4-lane roadway with a Two-Way Left-Turn Lane (TWLTL), where Right-of-Way (ROW) is available. Alexander is acting as Engineering Technician and is responsible for assisting in designing roadway, and signalization improvements. Alexander is responsible for the design of the level 2 Temporary Traffic Control Plans (TTCP), taking into account the requirements to maintain traffic operational and allow business access at all times throughout construction. *Location: Miami, FL. Dates: 2022–Ongoing. Contract No.: DB21-DTPW-04. HBC Fee: $7M. Reference: Alejandro Sauleda, (305) 375-4866, alejandro.sauleda@miamidade.gov.*

Florida Department of Transportation (FDOT) District 4, SR-817/University Dr Widening from Nova Dr to SR-84. Project Engineer for this project. The Florida Department of Transportation (FDOT) proposed the construction of major roadway and drainage improvements along SR-817/University Drive from Nova Drive to SR-84. The improvements include roadway widening to accommodate a proposed auxiliary lane from NW 23rd Street to connect to the WB I-595 on-ramp; relocating existing drainage structures, overhead signs, signalization improvements; reconfiguring the bus stop bay at the NE corner of Nova Drive and SR-817/University Drive; and reconfiguring right turn lanes for the Royal Grand Community, PNC Bank, and Nova Drive. Alexander serves as Engineering Technician and is responsible for assisting in design and plan development. Design aspects include, but are not limited to, signal design and plans production, typical section package, roadway horizontal and vertical alignments, 2D and 3D designs and roadway plans production. *Location: Davie, FL. Dates: 2022–Ongoing. HBC Fee: $1.75M. Reference: Adham Naiem, PE, (954) 777-4440, Adham.Naiem@dot.state.fl.us.*

Joseph Maceo, EI

Roadway/Sidewalk/Shared-use Path | Stromwater/Drainage Engineer

7 Years of Experience

Years with HBC
2 years

Education
B.S. in Civil Engineering, Florida International University (04/28/2018)

Registration(s)
EI (FL) No. 1100027387 (1/11/2024)

Licenses & Certifications
FDOT Temporary Traffic Control (TTC) Advance Course Certificate No. 621306

Affiliations
American Society of Civil Engineers (ASCE) Member

Expertise
AutoCAD Civil 3D

OpenRoads Designer

Joseph holds a BSCE from Florida International University and is an Engineer Intern (EI) in Florida (Certificate #1100027387). He has experience as an assistant estimator at a deep foundation company, where he developed bid proposals, analyzed drawings, and worked on job sites across Florida. Joseph later worked as a project estimator in glass and construction, assisting with daily reports, material orders, and project coordination. He is currently developing roadway designs for HBC.

Palm Beach County, Boca Rio Rd from Palmetto Park Rd to Glades Rd. This Design-Build project involves the widening of Boca Rio Road and design improvements for Boca Rio Road from Palmetto Park Road to Glades Road. Joseph assisted in the intersection designs of Palmetto Park Road, Boca Lago Road, Via Ancho Road, and Glades Road. These designs included proposed pedestrian detectors, video loop systems, and replacement of span-wire poles with mast arms. *Location: Boca Raton, FL. Dates: 11/2023-Ongoing. HBC Fee: $660k. Reference: Holly B. Knight, (561) 684-4150.*

City of Riviera Beach, W 15th St from Ave R to Ave L. This progressive Design-Build project involves the construction of a new raw water treatment plant and the expansion of the existing raw water network in the City of Riviera Beach. The project includes the installation of new wells and new raw water transmission mains to connect proposed wells to the treatment plant. Joseph serves as Engineering Technician for roadway and pipeline design. Joseph also created 3D CADD design drawings of existing utilities. *Location: Riviera Beach FL. Dates: 11/2023–Ongoing. HBC Fee: $2M.*

Miami-Dade County Water and Sewer Department (MDC-WASD), Q16 A&D Small Diameter Water Main Replacement Program (SDWMRP). Project Engineer for supporting the planning, design, and construction coordination of over 60,000 linear feet of new water mains for Miami-Dade WASD. Responsibilities included performing route feasibility studies to assess alignment alternatives, coordinating survey and subsurface utility exploration, and overseeing geotechnical investigations to inform design. The role involved preparing phased construction documents for 8", 12", and 16" diameter water mains and associated Consumer Line Relocations (CLRs), facilitating permit submittals and responses, and supporting the procurement process. Provided continuous engineering support throughout construction to ensure compliance with WASD standards, optimize constructability, and maintain schedule coordination. *Location: Miami-Dade, FL. Dates: 2025-Ongoing. Reference: Rudy Ibarra, PE, Rudy.Ibarra@miamidade.gov. Contract No. 23HBCE002/TA No 001.*

Puerto Rico Aqueduct and Sewer Authority (PRASA), Improvement to Sanitary Trunk Sewer Van Scoy. Joseph served as the designer of the pressurized sanitary force main system ensuring compliance with local regulations. The proposed force main spans over 7,500 feet and includes segments Horizontal Directional Drill (HDD) and open trench, designed to connect an existing pumpstation system. Joseph also created 3D CADD design drawings to depict potential utility conflicts in cross section views. Location: Puerto Rico. Dates: 04/2024–Ongoing. Reference: Ramon Ortiz, (787) 781-9050, Ramon.Ortiz-Morgado@jacobs.com

Sonny Abia, PhD, PE

Permitting/Utility Coordination

36 Years of Experience

Years with HBC
7 years

Education
PhD in Civil Engineering, University of Miami (06/25/2010)

M.S. in Civil Engineering, Florida International University (08/13/1992)

B.S. in Civil Engineering, Florida International University (08/20/1990)

Registration(s)
PE (FL) No. 48190 (07/15/1994)

Licenses & Certifications
TTC Advanced Certification

Certification General Course in Construction City and Guilds of London Institutes

Expertise
Utility coordination, structural engineering, QA/QC, roadway design, permitting, inspections, bridge design, drainage systems, project management, construction oversight.

Dr. Abia is a seasoned civil engineer specializing in utility coordination across complex infrastructure projects in Florida. His role has involved coordinating with Utility Agent Owners (UAOs) and agencies, managing utility tickets, conducting conflict resolution meetings, organizing field reviews, and ensuring compliance through the preparation of Final Utility Certification packages. His extensive work with the Florida Department of Transportation (FDOT) and various municipalities highlights his adeptness in navigating utility regulations and securing necessary certifications. Dr. Abia's expertise in utility coordination is complemented by his background in quality assurance/quality control (QA/QC), project management, and coordination of large-scale construction initiatives.

Florida Department of Transportation (FDOT) District 4, SR-817/University Dr Roadway Improvements from SW 24th Street/Nova Dr to EB SR-84. Utility Coordinator and Quality Assurance/Quality Control (QA/QC) reviewer for the design of roadway improvements along SR-817/University Drive, from SW 24th Street/Nova Drive to Eastbound SR-84. The project includes pavement widening to accommodate an auxiliary lane from NW 23rd Street to the westbound I-595 ramp, and relocation of drainage structures, overhead signs, a mast arm, and utility poles. It also includes reconfiguring the bus stop bay at the northeast corner of SW 24th Street/Nova Drive and University Drive, and right-turn lanes for the Royal Grand community, PNC Bank, and SW 24th Street/ Nova Drive. Dr. Abia is responsible for Utility Coordination and QA/QC reviews to ensure design compliance. The project improves traffic flow and safety. *Location: Broward County, FL. Dates:2022-Ongoing. Contract Amount: $1.7M.*

Florida Department of Transportation (FDOT) District 4, SR-7/US-441 Transit Corridor Improvements Project Task 1. This project involved intersection lighting retrofits and sidewalk and safety improvements on SR-7/ US-441 from the Broward/Miami-Dade County Line to north of Sample Road and included the following intersections along SR-7/US-441: Pembroke Road, Davie Boulevard, NW 24th Street, NW 34th Street, NW 37th Street, NW 41st Street, NW 44th Street, Headway Office Park Road, and SR-858/Hallandale Beach Boulevard from Edmund Road to SW 58th Avenue. This project also included bike lane improvements from Southgate Boulevard to Cypress Creek Canal Bridge and SR-858/Hallandale Beach Boulevard from Edmund Road to SW 58th Avenue. Dr. Abia carried out Quality Assurance/Quality Control (QA/QC) reviews of all the computations in 3 phases and was responsible for utility coordination and plans review for this project. *Location: Broward County, FL. Dates: 2018–2021. Reference: Robert Lopes, PE, (954) 777-4425, robert.lopes@dot.state.fl.us.*

Florida Department of Transportation (FDOT) District 4, SR-7/US-441 Transit Corridor Improvements Project Task 2. This project involved the construction of a shared-use path along the North Fork New River connecting from SR-7/US-441 to NW 31st Avenue; construction of a shared-use path along SR-7/US-441 connecting Oakes Road to the New River Greenway with 2 pedestrian underpasses at SR-7/US-441 NB to the I-595 on-ramp and I-595 WB to the SR-7/US-441 NB off-ramp; and sidewalk construction on the east side of SR-7/US-441 connecting Orange Drive to Oakes Road. Dr. Abia was responsible for performing Quality Assurance/Quality Control (QA/QC) reviews and utility coordination for this project. *Location: Broward County, FL. Dates: 2017–2023. Reference: Robert Lopes, PE, (954) 777-4425, robert.lopes@dot.state.fl.us.*

Leandro Vazquez

Permitting/Utility Coordinator

5 Years of Experience

After receiving my bachelor's degree in English from Florida International University, I was about to start Law School at the University of Miami when I decided to go into business for myself by opening a brick-and-mortar retail men's and women's name-brand clothing and accessories store in Mall of the Americas. To expand the business, I later opened another brick-and-mortar store in Southland Mall and added and eBay store to tap into the increasing E-commerce market. After 30 successful years of co-owning and managing the business, I decided to change careers. I am currently writing, editing, and proofreading technical proposals for HBC Engineering Company.

Years with HBC
5 years

Education
B.A. in English, Florida International University (06/1987)

Expertise
Proposla writing, QA/QC, compliance reviews, utility coordination

Florida Department of Transportation (FDOT) District 4, SR-817/University Dr from N of WB SR-84-NW 1st St. Utility Coordinator overseeing utility relocations and conflict resolution for roadway widening and infrastructure improvements along SR-817/University Drive from Nova Drive to SR-84. Coordinated with utility owners, design teams, and contractors to facilitate the relocation of drainage structures, overhead signs, a mast arm, and utility poles while minimizing service disruptions. Managed utility adjustments to accommodate the addition of an auxiliary lane from NW 23rd Street to the WB 595 ramp and the reconfiguration of the bus stop bay at Nova Drive and University Drive. Ensured compliance with regulatory requirements and right-of-way constraints while addressing utility conflicts related to the reconfiguration of right-turn lanes serving the Royal Grand community, PNC Bank, and Nova Drive. Assisted in construction phasing and permitting to align utility work with project schedules and FDOT standards. *Location: Plantation, FL. Dates: 01/2025 - Ongoing. Construction Cost: $7M. Reference: Adham Naiem, PE, (954) 777-4440. Contract No.: 445624-1-52-01.*

City of Belle Glade, Basin H1 Stormwater Improvements. Utility Coordinator for stormwater infrastructure improvements in Basin H1, a 48-acre area bounded by Dr. Martin Luther King Jr. Boulevard West, SW 4th Street, SFCD Canal 1, and South Main Street. Facilitated the relocation and protection of existing utilities to support the installation of approximately 7,300 LF of new drainage pipes, 65 new drainage structures, a downstream defender, and a new outfall to Canal 1. Coordinated with utility providers to mitigate conflicts and ensure the seamless integration of a hydrodynamic stormwater treatment device to enhance water quality. Assisted in systemwide stormwater improvement planning to reduce flood risks, address ponding issues near City Hall, and enhance infrastructure reliability while minimizing disruptions through intentional lane closures. Ensured compliance with regulatory standards and future-proofed the system by incorporating a stub-out for potential future flood mitigation projects. *Location: Belle Glade, FL. Dates: 02/2025-Ongoing. HBC Fee: $343K. Reference: Albert Caruso, (954) 632-9842.*

City of Fort Lauderdale, Riverwalk North Seawall Replacement Project. Utility Coordinator overseeing utility relocations and conflict resolution for the replacement of the Riverwalk North seawall, spanning 500 feet west from the Andrews Avenue bridge toward the FXE train track. Coordinated with utility providers to facilitate the relocation of utilities attached to the existing concrete catwalk and the replacement of utility stations and electrical shore-tie pedestals. Supported design and construction efforts by ensuring utility adjustments aligned with the installation of new sheet piling, fixed docks, and floating docks with amenities. Assisted in data collection, existing conditions review, and the identification of deteriorated structural elements requiring repair. Provided post-design support, including attending pre-construction meetings and reviewing shop drawings, product data, and submittals to ensure compliance with project specifications and regulatory requirements. *Location: Fort Lauderdale, FL. Dates: 02/2025 - Ongoing. HBC Fee: $386K. Reference: Ana Ziegler, EE/PM II, (954) 828-5817.*

Gonzalo Barrera, PE

Signalization Engineering

7 Years of Experience

Years with HBC
6 years

Education
B.S. in Civil Engineering, Florida International University (04/28/2018)

Registration(s)
PE (FL) No. 94260 (06/21/2022)

Licenses & Certifications
TTC Advanced, #44555

Expertise
Signalization, roadway design, signing and pavement marking, 3D modeling, drainage design, temporary traffic control (TTC), transportation safety improvements.

Gonzalo graduated from Florida International University in 2018 with a Bachelor of Science in Civil Engineering. Shortly after, he joined HBC Engineering Company as an Engineer Intern (EI). In 2022, he passed his Professional Engineer (PE) exam and is currently registered as a PE in the State of Florida. He has worked on various aspects of transportation engineering, including roadway design, signing and pavement marking, signalization, drainage design, Temporary Traffic Control (TTC), and 3D roadway modeling, while complying with local, state, and federal guidelines and standards. He is proficient in AutoCAD and MicroStation CAD software, CAD certified in AutoCAD and 3D modeling, and certified in Bentley MicroStation and OpenRoads Designer.

Florida Department of Transportation (FDOT) District 4, SR-7/US-441 Transit Corridor Improvements - Task Order 2. Project Engineer responsible for designing a sidewalk and three shared-use paths to improve pedestrian connectivity. One path connects to an existing shared-use path, another links SR-7/US-441 to Riverland Woods Park, and the third, 1.5 miles long, connects SR-7/US-441 to NW 34th Avenue with a midblock crossing. The role includes minor signalization improvements, ADA compliance, and 3D modeling for earthwork quantities. *Location: Broward County, FL. Dates: 2019–Ongoing. Reference: Robert Lopes, (954) 777-4425, Robert.Lopes@dot.state.fl.us. .*

Florida Department of Transportation (FDOT) District 4, SR-817/University Drive Widening & Signalization Improvements. Project Engineer responsible for the design of signalization improvements, which included the replacement of a mast arm, due to the roadway widening, and new lane configurations, as well as the placement of new pedestrian countdown signals, per MUTCD, at the proposed pedestrian crossing locations. *Location: Broward County, FL. Dates: 2023–Ongoing. Reference: Adham Naiem, (954) 777-4440, adham.naiem@dot.state.fl.us.*

Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), NE 2nd Ave Reconstruction from NE 20th St to NE 36th St Design-Build. Project Engineer for signalization improvements, including replacing mast arms at three intersections, adding two midblock crossings, and enhancing pedestrian signals at NE 36th Street. Upgrades included power disconnects and signal cabinets. Gonzalo coordinated intersection improvements to avoid utility conflicts and ensure system continuity. He also served as deputy PM for roadway design, alignment, side street connections, and TTCPs. *Location: Miami, FL. Dates: 2022–Ongoing. Reference: Alejandro Sauleda, 305-375-4866, Alejandro.Sauleda@miamidade.gov.*

Miami-Dade County DTPW, FL, Design-Build Services for the Reconstruction of NW 84th Ave from NW 58th St to NW 74th St. Project Engineer responsible for the design and plan production for the proposed roadway and signalization improvements within the project limits. Responsibilities include the roadway proposed horizontal and vertical alignment, mainline connections to the side streets, and the detailed level 2 Temporary Traffic Control Plans (TTCPs). Signalization improvements including but not limited to loop detection replacement and new runs to cabinet, Pedestrian signal and detection upgrades, and mast arm improvements for new lane configurations. Gonzalo also served as deputy PM overviewing the plan production of all the component sets ensuring not conflicts and improvements are reflecting concisely. Location: Miami, FL. Dates: 2022–Ongoing. HBC Fee: $12.6M. Reference: Alejandro Sauleda, 305-375-4866, Alejandro.Sauleda@miamidade.gov.

Adelbert Shaffer, PE

Stormwater/Drainage Engineer

22 Years of Experience

Years with HBC
1 year

Education
B.S. in Civil Engineering Utah State University, Logan, UT (2004)

A.S., A.P.E. Civil Engineering Snow College, Ephraim, UT (2002)

Registration(s)
PE (UT,AZ,CO,SC,HI)

Expertise
Water resources engineering, wastewater systems, utility design, hydraulic modeling, site development, stormwater infrastructure, construction inspection, fire suppression systems.

Adelbert Shaffer is an experienced civil engineer and project manager specializing in water, wastewater, and site development projects. With a strong background in master planning, hydraulic modeling, utility design, and construction document preparation, he has successfully contributed to water and sewer system expansions, pump stations, dredging projects, and large-scale site developments across various municipalities and private developments.

Miami-Dade County Water and Sewer Department (MDC-WASD), Q16 A&D Small Diameter Water Main Replacement Program (SDWMRP). Water Resource Manager overseeing the design and delivery of 60,000 LF of water transmission mains, including 8", 12", and 16" lines, along with Consumer Line Relocations. Responsibilities included managing route feasibility studies, coordinating surveys, directing SUE and geotechnical investigations, and ensuring integration with MDC-WASD infrastructure. Adelbert is leading design packages, supporting permitting, and providing construction-phase engineering support to ensure compliance and water resource reliability. *Location: Miami-Dade, FL. Dates: 2025-Ongoing. Reference: Rudy Ibarra, PE, Rudy.Ibarra@miamidade.gov. Contract No. 23HBCE002/TA No 001.*

Puerto Rico Aqueduct and Sewer Authority (PRASA), Improvement to Sanitary Trunk Sewer Van Scoy. Water Resource Design Manager for leading the design and coordination of a 2.3 km sewer force main intended to redirect flows from the Toa Alta Heights Pump Station away from the existing Van Scoy Sewer Trunkline. Adelbert is overseeing all technical aspects of the alignment, which begins near the intersection of Calle 33 and PR-199 and terminates at a proposed manhole near PR-199 and PR-5. The design involves detailed hydraulic evaluation, utility conflict mitigation, and constructability planning for approximately 1 km of open trench installation and 1.3 km of Horizontal Directional Drilling (HDD) construction to minimize surface disruption and ensure compliance with permitting and agency standards. *Location: Bayamón, Puerto Rico. Dates: 04/2024-Ongoing. Reference: Ramon Ortiz, (787) 781.9050, Ramon.Ortiz-Morgado@jacobs.com.*

***Golf Course Irrigation Well and Pump Station.** Adelbert prepared construction documents for a 3,000 Gallon Per Minute (GPM) pump station to aid in the removal of the golf course from the culinary system. Tasks included hydraulic modeling and calculations to determine the size of transmission piping, pumps, valves, and meters. Adelbert was personally responsible for construction documents, including project specifications, plans, and contract documents. *Location: Stansbury Park, UT. Dates: 7/2007 - 2/2009.*

Puerto Rico Aqueduct and Sewer Authority (PRASA), Preliminary Engineering Report (PER) for the Elimination of the Ciales, Morovis, and Unibón Wastewater Treatment Plants. Water Resource Design Manager responsible for evaluating the feasibility of consolidating aging Wastewater Treatment Plants (WWTPs) by redirecting flows to a new regional WWTP with planned capacity and process upgrades. Adelbert is directing the technical analysis of existing infrastructure, assessing hydraulic capacity, and developing conceptual layouts for new pump stations required to support the redirected flows. Responsibilities also include managing multidisciplinary coordination, reviewing system modeling outputs, and ensuring that proposed solutions align with regulatory requirements, long-term serviceability, and cost-effective implementation strategies. *Location: Rio Grande, Puerto Rico. Dates: Ongoing. Reference: Jose A. Rodriguez, PE, (787) 641-6800, jarodriguez@csagroup.com.*

Teodoro Tefel, PE

Maintenance of Traffic (MOT)

39 Years of Experience

Years with HBC
6 years

Education
B.S. in Civil Engineering, Florida International University (12/12/1987)

Registration(s)
PE (FL) No. 50106 (02/15/1996)

Certifications
Advanced MOT

Expertise
Roadway design, maintenance of traffic (MOT), traffic control plans (TCPs), signing and pavement marking (S&PM), highway reconstruction, milling and resurfacing, interchange design, roadway widening, drainage analysis, project management.

Teodoro has extensive experience working on various civil engineering projects involving roadway design. He has served the roles of Support Engineer, Project Engineer, Senior Roadway Engineer, and Engineer of Record (EOR) successfully and has been responsible for management and plans review. He has also served as in-house consultant for the review of design variations and exceptions for the Florida Department of Transportation (FDOT) District 6 Design Office. In addition, Teodoro also has significant experience in the design of Signing and Pavement Marking (S&PM) plans, Maintenance of Traffic (MOT) plans, Traffic Control Plans (TCPs), and Temporary Traffic Control Plans (TTCPs).

Florida Department of Transportation (FDOT) District 6, Districtwide Resurfacing Scoping Reports. Teodoro is serving the role of Engineer of Record (EOR) and is responsible for preparing districtwide resurfacing scoping reports, by analyzing the existing conditions, to determine deficiencies and establish or substantiate the project purpose and need. He is also developing project alternatives to satisfy the identified deficiencies or needs within the corridor. The evaluation of alternatives includes transit or transportation system improvement options. Most deliverables are preliminary cost sections, based on the engineer's estimates, preliminary drainage analysis and plans, conceptual roadway plans, approved typical section package, and variances and exceptions sections. *Location: Miami-Dade County, FL. Dates: 2023-2026. FM No.: 250759-5-22-01. Contract No.: CAN23. HBC Fee: $1.5M. Reference: Md S Hossain, MS, EI, (305) 470-5342, Md.Hossain@dot.state.fl.us*

Florida Department of Transportation (FDOT) District 1, SR-29 Milling and Resurfacing from North of Wagon Wheel Rd to South of I-75. Teodoro is serving the role of Support Engineer for Milling and Resurfacing (M&R) and Signing and Pavement Markings (S&PMs) on SR-29 from north of Wagon Wheel Road to south of I-75. *Location: Collier County, FL. Dates: 2023-2025. FM No.: 448929-1-32-01. Contract No.: CAN28. HBC Fee: $1M. Reference: Christopher Speese, (239) 225-1973, christopher.speese@dot.state.fl.us.*

Palm Beach County (PBC), Boca Rio Rd Widening from Palmetto Park Rd to Glades Rd. Teodoro is serving the role of Support Engineer for the reconstruction and widening of Boca Rio Road from Palmetto Park Road to Glades Road in Palm Beach County, Florida. *Location: Palm Beach County, FL. Dates: 2022–2024. HBC Fee: $660K. Reference: Jonathan DeLaura, (561) 684-4013, jdelaura@pbcgov.org.*

Miami-Dade County Water and Sewer Department (MDC-WASD), Maintenance of Traffic (MOT) Control Plans for New 16" Diameter Water Main along NW 37th Ave between NW 36th St and NW 82nd St. Teodoro served the role of Project Engineer responsible for designing a Temporary Traffic Control Plan (TTCP) for the installation of 14,400 LF of a 16" diameter water main along NW 37th Avenue from NW 36th Street/SR-948 to NW 82nd Street (Miami-Amtrak Station). This project was accomplished by using tables to reference applicable details and indexes for such locations. This included lane closure analysis, summary of quantities, and precise TTCP phases and plans, to safely facilitate the routing of traffic through work zones. Teodoro coordinated with Miami-Dade County (MDC) Water and Sewer Department (WASD), FDOT District 6, and stakeholders, as necessary, to ensure feedback and approval of the proposed TTCP design. *Location: Miami-Dade County, FL. Dates: 2020–2021. HBC Fee: $40K. Reference: Arnelio Alfonso, PE, (305) 592-7283, Aalfonso@apcte.com.*

Claudia Bustamante, MS, PE

Civil/Signing & Pavement Marking and Channelization

21 Years of Experience

Years with HBC
5 years

Education
M.S. in Civil Engineering, University of Central Florida (2017)

B.S. in Civil Engineering, Universidad Del Cauca Colombia (06/11/2004)

Registration(s)
PE (FL) No. 87381 (06/01/2019)

Licenses & Certifications
Advanced MOT - # 32203
DOT & LTAP Specifications Package
GeoPAK
MicroStation
Autoturn
CADD
3D Modeling

Awards and Recognitions
2024 ASCE Engineer of the Year

Expertise
Transportation engineering, roadway design, signing and pavement marking, signalization, temporary traffic control (TTC), project development and environment (PD&E) studies, traffic operations, microsimulation modeling.

Claudia specializes in transportation engineering and planning, including roadway design, signalization, S&PM, TTC, and PD&E studies. With over 20 publications and experience working with municipalities and FDOT Districts 4 & 5, she has managed projects involving geometric designs, 3D modeling, plans production, and transportation alternatives. Claudia is affiliated with ASCE, ITE, WTS, and TRB Committees AN20, ANB20, and ANB10.

Broward County Public Works Department, School Zone Flasher Improvements Project (Elementary Schools). Project Manager and Engineer of Record for developing school zone flasher improvement designs for two Broward County schools: Broward Estates Elementary School and Oakridge Elementary School. The project aimed to mitigate vehicle speeds, ensure compliance with school zone speed limits, and enhance pedestrian safety. The design scope included records research, signalization, signing and pavement markings, utility coordination, Subsurface Utility Engineering (SUE), permitting, and public notification. As Project Manager and Engineer of Record, she was responsible for overseeing all aspects of the design improvements. *Location: Broward County, FL. Dates: 2022–2023. Reference: Eduardo Martin, (954) 270-3387, emartin@broward.org.*

Florida Department of Transportation (FDOT) District 4, SR-7/US-441 from SR-870/Commercial Blvd to Bailey Rd/NW 62nd St. Claudia was the Project Engineer Consultant assisting FDOT District 4's Roadway Design Team. Her work included roadway milling, resurfacing, pedestrian signals, lighting retrofits, ADA ramps, crosswalks, sidewalk/bike lane construction, and widening. She prepared 3D models, cross sections, and quantities for earthwork, drainage, signing, signalization, utility coordination, and public involvement, ensuring compliance with FDOT and ADA standards. *Location: Broward County, FL. Dates: 2021–2022. FM No.: 443845-1. Reference: Jamie Polidora, PE, (954) 777-4633, jamie.polidora@dot.state.fl.us.*

Florida Department of Transportation (FDOT) District 4, SR-809/ Military Trail at Forest Hill Blvd. Project Engineer who assisted as a consultant in the In-house Roadway Design team in FDOT District 4. The design included roadway milling and resurfacing, coordination for pedestrian signals, lighting retrofits, roadway ADA ramps, high emphasis crosswalks, and sidewalk/bike, lane construction, widening and flexible pavement design. This included horizontal geometry and vertical geometry in compliance to the FDM and ADA guidelines to ensure safety. Responsibilities also extended to preparing a 3D model for the proposed design to develop cross sections for the required earthwork and construction quantities for the proposed roadway widening and sidewalk improvements. Also included drainage improvements, signing and pavement marking, signalization, pavement design, utility coordination, public involvement, project management tasks and QC coordination. *Location: Palm Springs, FL. Dates: 2021–2022. Reference: Jamie Polidora, PE, (954) 777-4633, jamie.polidora@dot.state.fl.us.*

Ynaja Juste, EI

Civil, S&PM and Channelization

9 Years of Experience

Years with HBC
5 years

Education
B.S. in Civil Engineering, Florida International University (05/07/2016)

Registration(s)
EI (FL) No. 1100023151 (10/29/2019)

Licenses & Certifications
FDOT Intermediate Maintenance of Traffic (MOT), Florida - No. 53983

TTC Advanced # 620323

Expertise
Traffic engineering, data collection, traffic impact analysis, safety analysis, signing and pavement marking (S&PM), intersection capacity analysis, microsimulation modeling, wayfinding design, bicycle and pedestrian planning, transportation planning.

Ynaja specializes in traffic engineering, signing and pavement marking design, and channelization planning, with expertise in data collection, traffic impact studies, and operational analysis. He has contributed to projects for Miami-Dade County, Palm Beach County, and the Florida Department of Transportation (FDOT), including corridor assessments, bridge rehabilitation studies, and multimodal improvements. His skills include intersection capacity analysis, safety studies, microsimulation modeling, and developing wayfinding and traffic control plans. Proficient in Synchro, VISSIM, and AutoCAD, Ynaja is dedicated to enhancing roadway safety and efficiency through data-driven solutions.

City of Hollywood, Johnson St from North 30th Rd to North Dixie Hwy Complete Streets Project. Ynaja assisted with data collection efforts for this project, part of an effort to evaluate a selected alternative as part of a PD&E study for reconstructing Johnston Street from North 30th Road to North Dixie Highway to accommodate a new interconnected sidewalk on one side of the street, new lighting, fully reconstructed two-lane two-way roadway with a center turn lane, new transit bus stops, and new drainage system within the existing Right of Way (ROW). This project involved Turning Movement Counts, 72-Hour Volume Counts, Gap Data, and Speed data collection for traffic operations analysis. *Location: Broward County, FL. Dates: 2023–Ongoing. Reference: Luis Lopez, PE, (954) 921-3925, llopez@hollywoodfl.org.*

Florida Department of Transportation (FDOT) District 4, Districtwide Traffic Operations Studies – Districtwide Ped/Bike Data Collection. Ynaja served as a Data Collection Lead for the Districtiwde Ped/Bike Data Collection effort, which involved collecting bicycle and pedestrian data at 14 locations throughout Palm Beach, Indian River, and Broward Counties. Ynaja coordinated all data collection efforts, identified equipment setup locations, carried out equipment installation and breakdown, performed remote monitoring of equipment, and processed and furnished collected data. Pedestrian and bicycle data for this effort was collected and provided to the Department over the course of a four-week period. *Location: Palm Beach County, Indian River County, & Broward County, FL. Dates: 3/2021–4/2021. Reference: Ravi Wijesundera, (954) 535-5153, Ravi.Wijesundera @kimley-horn.com. FM No.: #230094-6-32-01*

Florida Department of Transportation (FDOT) District 4, FL, SR-7/US-441 Transit Corridor Improvements Group/Priority 2 between Orange Drive and the New River Greenway and SR-838/Sunrise Boulevard from SR-7/US-441 to NW 31st Avenue Task Order 3. Ynaja served as the Project Engineer tasked with developing the Signing and Pavement Marking plans for the project which involved designing a shared-use path that runs alongside SR-838, also known as Sunrise Boulevard, stretching from SR-7/US-441 to NW 31st Avenue. Ynaja's role was crucial in ensuring that all plans were meticulously designed to meet the current standards and specifications set forth by the Florida Department of Transportation (FDOT), as well as adhering to the guidelines outlined in the Manual on Uniform Traffic Control Devices (MUTCD). Ynaja worked diligently to ensure that the project not only enhanced safety and accessibility for pedestrians and cyclists but also integrated seamlessly with existing traffic infrastructure. Location: Broward County, FL. Dates: 2019–2023. HBC Fee: $1.2M. Reference: Robert Lopes, PE, (954) 777-4425, Robert.Lopes@dot.state.fl.us

Melannie Gomez

Public Involvement

4 Years of Experience

Years with HBC
3 years

Education
B.A. in Public Relations & Administration, Florida International University (12/17/2022)

Licenses & Certifications
QuickBooks Desktop

Microsoft Excel, Word, & PowerPoint

Google Sheets

Outlook & Teams

Monday.com

Fluent in Spanish and English

Expertise
Public involvement, community engagement, media relations, strategic communications, outreach planning, stakeholder coordination, event planning, marketing, public relations, multilingual communication.

Languages
English and Spanish

Melannie specializes in public involvement, community engagement, and strategic communications for engineering and infrastructure projects. She has supported municipalities such as the City of Hollywood and Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), facilitating public outreach initiatives and stakeholder coordination. Her expertise includes media relations, event planning, and multilingual communication, ensuring seamless dissemination of project information. Proficient in QuickBooks, Microsoft Office Suite, and social media management tools. Passionate about fostering meaningful connections between communities and infrastructure development.

City of Hollywood, Johnson St Complete Streets Feasibility Study. This project involves performing a feasibility study to create complete streets alternatives for Johnson Street from North 30th Road to North Dixie Highway. Melannie is responsible for coordinating public involvement meetings for the City of Hollywood, regarding potential alternatives designed for the Johnson Street corridor. Melannie is also responsible for setting up login sheets, creating fact sheets, collecting data, and interacting with current local residents and business owners, concerning their input and opinions of the development of a safe Complete Streets corridor. Melannie is also responsible for participating in the development of different voting options for both online and present audiences, allowing residents and business owners to cast their votes and comment on the distinct alternatives being presented. She is also responsible for finalizing the report on the public involvement meeting, containing key points of the presentation for the City of Hollywood and its local residents and business owners to use. *Location: Hollywood, FL. Dates: 4/2023-Ongoing. Contract No.: HOLL-038. HBC Fee: $150K. Reference: Luis Lopes, PE, (954) 921-3410, llopez@hollywoodfl.org.*

City of Fort Lauderdale,Riverwalk North Seawall Replacement Project. As the Public Information Officer, Melannie has played a key role in public outreach and communication efforts for infrastructure projects, including the Riverwalk North Seawall Replacement Project for the City of Fort Lauderdale. This project involves replacing the existing seawall, installing new docks, relocating utilities, and ensuring compliance with engineering and environmental standards. Melannie has facilitated stakeholder engagement, prepared public notices, and managed project-related communications to keep the community informed. *Location: City of Fort Lauderdale, FL. Dates: 2023-Ongoing. Reference: Ana Ziegler, EE/PM II, (954) 828-5817, aziegler@fortlauderdale.gov*

Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), NW 84th Ave Reconstruction from NW 58th St to NW 74th St Design-Build. This project involves the reconstruction of 1 mile of an existing 2-lane road to expand it into a 4-lane road with Two-Way Left-Turn Lane (TWLTL), where Right-of-Way is available. The design effort includes designing new closed drainage conveyance systems, connecting them to existing outfall and stormwater retention facilities, replacing existing CMP culverts to RCP culvert crossings, and designing a new stormwater management facility to compensate for the additional impervious areas. *Location: Miami, FL. Dates: 8/2022-Ongoing. Contract No.: DB21-DTPW-04. HBC Fee: $7M. Reference: Alejandro Sauleda, (305) 375-4866, alejandro.sauleda@miamidade.gov.*

Eugene “Gene” Hunter, IMSA I

Construction Administration

35 Years of Experience

Years with HBC
2 years

Education
Miramar High School
Diploma (06/04/1985)

Registration(s)
TIN No. H53620167

Licenses & Certifications
FDOT CTQP:

- Asphalt Paving Levels 1 and 2
- Final Estimates 1
- Quality Control Manager
- Auger Cast Piling

ACI

FDOT Advanced MOT

Stormwater Management Inspector #25258

Troxler Nuclear Safety

FHWA/FDOT Tech-Transfer Training

OSHA 10-Hour

IMSA Roadway Lighting Technician Level I

IMSA Traffic Signal Technician Level I

IMSA Work Zone Equivalent

***Prior to HBC**

Gene is an experienced Construction Administrator specializing in Construction Engineering and Inspection (CEI) for Florida Department of Transportation (FDOT) and Florida municipalities, with expertise in roadway and bridge construction, MOT, stormwater drainage, earthwork, Milling and Resurfacing (M&R), Signing and Pavement Marking (S&PM), signalization, and lighting. He ensures contract compliance, documentation management, and regulatory adherence, overseeing daily reports, change orders, field inspections, pay item tracking, and contractor negotiations. Gene has managed Local Agency Program (LAP) projects, coordinated Maintenance of Traffic (MOT) setups, SWPPP monitoring, and RFIs, and facilitated subcontractor coordination, project submittals, and bi-weekly meetings.

***Florida Department of Transportation (FDOT) District 4, Project Administration Video Monitoring Systems for FDOT Intelligent Transportation System (ITS) Traffic Operations at I-75/I-595.** Assistant Project Administrator with all aspects of construction on this $14.45 million project. His responsibilities included field, contract, and client support, ensuring project documentation was properly maintained and compliant with FDOT standards. *Location: Fort Lauderdale, FL. Dates: 2007-2008. Contract Amount: $14.45M. Reference: Roy Schofield, (954) 914-5647.*

***Florida Department of Transportation (FDOT) District 4, Glades Rd/ El Rio Canal Project.** Project Administrator for all phases of construction and administration, including bridge demolition and widening, curb and gutter, concrete sidewalk resurfacing, earthwork, signalization, canal restoration, and landscaping. *Location: West Palm Beach, FL. Dates: 2004-2006. Contract Amount: $11M. Reference: William Francis PE, (561) 578-9346.*

***Florida Department of Transportation (FDOT) District 4, I-95 and Atlantic Blvd Ramp Improvements.** Assistant Project Administrator/ Senior Inspector for overseeing construction activities and reporting. His duties included managing ramp reconstruction, drainage, resurfacing, signalization, lighting, and landscaping. Gene ensured that all project documentation was accurate and up to date, maintained compliance with contract specifications, and coordinated between contractors and stakeholders *Location: Pompano Beach, FL. Reference: Roy Schofield, (954) 914-5647.*

***Florida Department of Transportation (FDOT) District 4, SR-814/Atlantic Blvd and Lyons Rd.** Assistant Project Administrator/Senior Inspector and CSS for overseeing all phases of construction. The project involved multilayer optional base courses, guardrail systems, Maintenance of Traffic (MOT), crash attenuators, signalization, and resurfacing. Gene was responsible for coordinating subcontractors, ensuring compliance with project specifications, managing Laboratory Information Management System (LIMS) entries, and making sure all contractual and regulatory requirements were met. *Location: Coconut Creek, FL. Reference: Roy Schofield, (954) 914-5647.*

Julia Beliz, EI

GIS Analyst

3 Years of Experience

Years with HBC
3 years

Education
B.S. in Environmental Engineering, University of Miami (12/16/2022)

Registration(s)
EI (FL) No. 1100026797 (06/21/2023)

Licenses & Certifications
AutoCAD

ArcGIS Pro

Expertise
GIS analysis, environmental engineering, water and wastewater infrastructure, permitting, drainage systems, transportation infrastructure, sediment control, utility coordination, site assessment, stormwater management, infrastructure planning.

Julia has extensive experience in GIS, Python programming, and permitting, for infrastructure projects, with a focus on treatment plants and pump stations. At HBC, she leads sediment loss modeling for the Carraízo Sediment Control Project and has contributed to the design and permitting of the Camuy-Hatillo WWTP, mapping force mains and protecting habitats. She has also supported the City of Riviera Beach Water Treatment Plant through site assessments and technical memorandums. Additionally, Julia's work with Miami-Dade County (MDC) Water and Sewer Department (WASD) and Puerto Rico Aqueduct and Sewer Authority (PRASA) involved GIS-based capacity assessments and planning for future growth in water systems. Her expertise extends to drainage, transportation, and wastewater collection systems, as well as utility coordination. Currently, Julia is developing a GIS model for soil loss in the Lake Loiza watershed of Puerto Rico, further solidifying her key role in infrastructure development.

Miami-Dade County Water and Sewer Department (MDC-WASD), In-House GIS Specialist. In-House GIS Specialist responsible for support within MDC-WASD's Planning, Regulatory Compliance, and Capital Improvements Division, managing spatial data for over 200 active Capital Improvement Plan projects. Responsible for developing monthly Commission District work plans, project maps, and decision-support visuals to support capital planning and public transparency. Conducts spatial analysis to identify conflicts with FDOT, DTPW, and municipal projects, supporting Joint Participation Agreements and optimized project sequencing. Produces GIS exhibits for major initiatives, including the South Corridor Master Plan and Connect2Protect septic-to-sewer program, and integrates Civil 3D and as-built data into enterprise GIS systems for infrastructure modeling and validation. *Location: Miami-Dade County, FL. Dates: Ongoing. Reference: Alessandra Monetti , Alessandra. Monetti@miamidade.gov, (786) 552-8613.*

Miami-Dade County Water and Sewer Department (MDC-WASD), Master Plan for South Corridor. Julia provided valuable assistance in performing a capacity assessment of the Miami-Dade County Water and Sewer Department's (MDC-WASD's) existing South Corridor water distribution and sewer collection system to accommodate future growth in the Corridor. She also reviewed planned developments in the Bus Rapid Transit (BRT) Zones, assessing the existing system, while accommodating the addition of future developments in the BRT service areas. Julia created GIS exhibits displaying BRT Station service areas and the zoning of each parcel. Additionally, she created a table illustrating current and future demand and flow estimates and projections. These contributions demonstrate Julia's proficiency in GIS analysis and her ability to work collaboratively on complex projects. *Location: Miami-Dade County, FL. Dates: 2022–Ongoing. Reference: Lawrence Young, ENV SP, (305) 444-4691, lawrence.young@aecom.com.*

City of Riviera Beach, City of Riviera Beach Water Treatment Plant. Julia conducted a thorough site visit to collect information on existing conditions, providing valuable insights for the proposed alternatives of the planned Water Treatment Plant. She also authored a comprehensive Technical Memorandum detailing the proposed alternatives. Julia's expertise in site assessment and technical writing showcases her ability to contribute to the planning and implementation of large-scale projects. This project involves design development using Civil 3D and e-Builder and data transfer to AutoCAD using ArcGIS. *Location: Riviera Beach, FL. Dates: 2023–Ongoing. Reference: Humberto Gomez, PE, (305) 640-7390, humberto.gomez@dot.state.fl.us.*

Joseph Williams

Cost Estimates

38 Years of Experience

Joseph specializes in cost estimating, scheduling, and project controls for major capital improvement programs, with over 35 years of experience across public and private sectors. His expertise includes program management, change orders, design review, and budget oversight for aviation, transportation, municipal, education, and federal projects. Joseph has supported high-profile programs such as Miami International Airport and Port Miami and is proficient in Primavera, E-Builder, Procore, and other project management platforms.

***Various Palm Beach County, Broward County School Board, Miami-Dade County Public Schools and the University of Miami. CM at Risk Projects, Churches and Commercial Construction Projects.** Manage Estimating and Scheduling on various construction projects. Change Order management. Attend meetings and negotiations with clients, architects, subcontractor and vendors for various projects. Provide the owners and project managers with assistance from project selection, planning, design, bidding, construction and closeout. Work with owner representatives, Project Managers and site supervisors to solve various construction and design issues. Train Project Managers, schedulers and clerical staff to work with the project controls procedures. *Location: Miami, FL. Dates: 3/2021 - 12/2023. Contract Fee: $6M.*

***Various Broward County School Board Construction Projects.** Manage, Estimating and Scheduling on various construction projects. Manage project design at all phases to include project budget and scheduling. Mobilization, construction site preparation. Provide support for the planning, management direction from completion of the project to owner complete acceptance. Coordination and monitoring of all phases and milestones of the project schedule, to include all procedures, plans, specifications and budgets. Attend all types of project meetings at various locations to coordinate project activities to the project team. Establish and prepare various project status reports for management. Work with owner representatives, inspectors, Project Managers, architects and site supervisors to solve various issues such as change orders, code compliance, construction and design issues. *Location: Broward County, FL. Dates: 3/2019 - 3/2020. Contract Fee: $24M.*

***Ft. Lauderdale-Hollywood Int'l Airport Terminal 1 Addition and Renovation.** Provide construction management services for CM at Risk project to include construction contract document review, estimating scope of work budget costs, compose construction bid packages for various work, value engineering, manage bidding process for various trades and provided scheduling services. Review of scope and verification of costs for change orders. Scope of estimates and consulting to include all types of estimates in Divisions 2 through 14. *Location: Ft. Lauderdale, FL. Dates: 7/2015 - 10/2016. Contract Fee: $300M.*

Years with HBC
1 year

Education
B.S. in Construction Management, Florida International University, (1987)

B.S. in Nuclear Engineering Technology, Aiken Technical College (1980)

Affiliations
Association of the Advancement of Cost Engineers

Florida International University Alumni Association

State of Florida Notary

Expertise
Cost estimating, Schedule management, Budget forecasting, Change orders, Value engineering, Bid preparation, Project controls, Design review, Construction oversight, FEMA estimating, Grants Manager, Primavera scheduling, Procore software, Timberline estimating, Document control, Airport construction, School facilities, Infrastructure projects, Utility coordination, Contract negotiation, Stakeholder coordination, Risk assessment, Conceptual estimates, Scope development, Project reporting, Cost analysis.

***Prior to HBC**

Sreelatha Nandivada, MS, PE

Miscellaneous Structures Engineer

23 Years of Experience

Sreelatha specializes in structural engineering with extensive experience in bridge design, load rating, and structural assessments for transportation projects. She has supported FDOT and other DOTs on steel and concrete bridges, pedestrian structures, and retaining walls. Her expertise includes structural modeling, foundation and seismic design, and LRFR analysis using RISA, STAAD.Pro, LEAP Bridge, and AASHTOWare BrR. Licensed in multiple states, she holds bridge inspection and LRFR certifications and delivers resilient, compliant structural solutions..

Seminole Tribe of Florida (STOF), Hollywood Seminole Indian Reservation Pedestrian Bridge. Senior Structural Engineer leading the design of a 150' wide pedestrian bridge with stairs and elevators to improve connectivity across SR-7 within the Hollywood Seminole Indian Reservation. Scope includes structural analysis of three bridge concepts, field investigations, and phased development of construction documents. Responsible for coordinating with STOF, FDOT, FHWA, and permitting agencies, preparing technical specifications, and supporting bid-phase services. Also contributed to roadway plan development, including typical sections, cross-sections, and signing and marking plans. *Location: Hollywood, FL. Dates: 03/2025-Ongoing. HBC Fee: $2.3M. Reference: Omar Nunez, osenunez@semtribe.com (954) 894-1060.Contract No. 380349.*

***North Carolina Department of Transportation (NCDOT), BR-0073 Columbus 5 US 76 Over Gapway Swamp.** Senior Structural Engineer leading the structural design of a three-span AASHTO Type IV prestressed concrete girder bridge replacing Bridge No. 230005 on US 76 in North Carolina. Responsibilities included superstructure and substructure design, foundation analysis, load rating, and seismic and wind considerations in compliance with AASHTO LRFD and NCDOT criteria. Oversaw plans, specifications, quantities, QA/QC reviews, interdisciplinary coordination, constructability, and design support during construction. *Location: NC. Dates: 10/2021-1/2024. Fees: 163K. Construction Cost: 4.5M. Reference: Emily Murray, emily.murray@volkert.com*

***Texas Department of Transportation (TXDOT), IH-10 at US69 Interchange, 12-Span Prestress Girder Bridge (Bridge X) on IH-10 WBML Overpass at 11th Street.** Bridge Structural Engineer responsible for the structural design of a 12-span prestressed girder bridge in accordance with AASHTO LRFD and TxDOT standards. The role included superstructure and substructure analysis, staged construction evaluation, seismic and lateral load assessments, constructability reviews, and load rating for legal and permit vehicles, with development of multi-stage construction plans. *Location: Beaumont, TX. Dates: 03/2023-02/2024*

Years with HBC
1 year

Education
M.S. in Civil Engineering, University of California

B.E. in Civil Engineering, University of Madras, (2003)

Registration(s)
PE (FL) No. 101195 (05/02/2025)

PE (CT)PEN.0028382

(05/16/2014)

Also PE in NY/NC/SC/VA/TX/CA/NV/UT/GA

Licenses & Certifications
NHI - Safety Inspection of In-Service Bridges

NHI Certification for Fundamentals and Applications of LRFR for Bridge Superstructures

Computer Skills:
Engineering Application & Analysis Tools: PG Super, LEAP , Open Bridge Designer / Modeler, AASHTOware BrR, Enercalc, LARS, BRASS 2.0.3, Bar7, Staad pro, Virtis,SAP2000WinAbut, Microsoft Excel and Office Suite., Ever-FE

3D modeling Tools: RISA Connection RISA 3D, AutoCad Inventor, Autocad, Microstation

Expertise
Structural engineering, structural wall evaluations, bridge design, load rating, foundations, miscellaneous structures

*** Prior to HBC**

Roberto Rubio, MS, PE

Miscellaneous Structures Engineer

39 Years of Experience

Years with HBC
3 years

Education
M.S. in Civil Engineering, University of Washington (1987)

Registration(s)
PE (FL) No. 48982 (02/21/1995)

Expertise
Bridge design, structural engineering, construction support, inspection services, marine structures, foundation systems, retaining walls, miscellaneous structures, drainage coordination, roadway elements.

Before joining HBC Engineering Company, Roberto worked with FDOT District 4 as a Consultant Project Manager and has been involved in numerous projects in South Florida. His experience includes duties as an Engineer of Record, Inspector, Quality Control personnel, Lead Structures Design Engineer and Post Design Services. He provided Construction Support Services as a Structural Engineer where he developed repair procedures for prestressed Florida I beams damaged during transportation and installation on bridges, based on applicable FDOT specifications and the PCI Journal. Mr. Rubio was a past Consultant Project Manager for the FDOT District 4.

Florida Department of Transportation (FDOT) District 6, I-95/SR 9A, Pavement Reconstruction from North of NW 29th St. to South of NW 131st St. Structural Engineer/Subconsultant to Engineer of Record for bridge and signage upgrades within the I-95/I-395 interchange, driven by increased truck traffic from the Port of Miami tunnel. Scope included bridge deck overhang removal, new bridge railings, approach slab reconstruction with barrier upgrades, and replacement of overhead span and cantilever truss sign structures. Responsible for 60%, 90%, and 100% plan reviews, design calculations, and shop drawing evaluations. Designed complex truss sign structures using FDOT MathCAD tools, integrating SAP analysis for combined span and cantilever loading conditions. *Location: Miami-Dade County, FL. Dates: 2017-2019. Reference: Krishna Sandepudi, (813) 972-9444, KSandepudi@tylin.com.*

Florida Department of Transportation (FDOT) District 6, HEFT II Florida Turnpike from Sunset Dr. to Bird Rd., Bridges 2 and 5. Structural Engineer. Construction Support Services for Florida Concrete Products, LLC. The services I was entrusted with included development of repair procedures for prestressed Florida I beams damaged during transportation and installation onto bridges, based on applicable FDOT specifications and the PCI Journal. Repairs included spall patches, crack sealing and epoxy injection of cracks, to prevent further damages and ensure the design load capacity of the beams was not reduced. *Location: Miami-Dade County, FL. Dates: 2017-2018. Reference: Carlos Chaparro, (305) 541-0000, CChaparro@fcp.com.*

Florida Department of Transportation (FDOT) District 6, SR 916 (Dixie Hwy.) and NW 135th St. Over Biscayne Canal. Design team member for Engineer of Record. Safety project including minor repairs to bridge over Biscayne Canal C-8, milling and resurfacing, drainage improvements, and reconstruction of curb and gutter, sidewalk, and sidewalk pedestrian ramps. Responsible for the design of permanent steel sheet piling for stabilization of the canal, including end walls for two 5ft diameter culvert pipes, and protection for existing utilities including a fiber optic cable duct bank. Responsible for QC of bridge repair plans and calculations. The bridge is a four span precast slab multibeam bridge carrying five lanes of traffic. Repairs included shear key and post tensioning replacement. Contributed to roadway resurfacing design, specifically the pavement build-up scheme to correct cross slopes and improve drainage. *Location: Miami Dade County, FL. Dates: 4/2015-9/2015. Reference: Ali Toghiani, (305) 567-1888, AToghiani@tylin.com.*

Moatz Saad, PhD, PE, PTOE, IMSA II

Traffic Enigneering & Safety Studies

14 Years of Experience

Years with HBC
7 years

Education
PhD in Civil Engineering, University of Central Florida (08/03/2019)

M.S. in Transportation Engineering, University of Central Florida (12/16/2016)

B.S. in Civil Engineering, Alexandria University (08/01/2012)

Registration(s)
PE (NC) No. 056192 (05/04/2023)

PTOE No. 5763 (07/09/2024)

TIN No. S30054591

Licenses & Certifications
SAS Data Mining Certificate; FSUTMS Modeling Certificate; FDOT TTC Advanced Certificate - # 632512; IMSA Traffic Signal Technician Level I - # AA_133439; IMSA Traffic Signal Field Tech Level II - # BE_133439; PTV Vissim, PTV Visum; Synchro; ArcGis; AutoCad; SAS, SPSS, ; R/RStudio, Python

Expertise
Traffic safety, transportation engineering, traffic simulation, connected and autonomous vehicles, traffic impact analysis, dynamic traffic assignments, data integration, GIS technologies.

Dr. Saad specializes in Transportation Engineering, Traffic Safety, Traffic Simulation, and Connected and Autonomous Vehicles. He has led projects across South Florida involving Transportation Management Plans, traffic simulations, dynamic assignments, and Smart Work Zones. His expertise includes traffic impact analyses, safety reviews, fatality studies, and applying statistical models and data mining for safety and operational analysis. He also analyzes Big Data sources such as MVDS, AVI, and crowdsourced smartphone data for traffic safety projects.

City of Hollywood, Johnson Street from N 30th Road to N Dixie Highway Complete Streets Project. Moatz was the Traffic Lead of the project to evaluate a selected alternative as part of a PD&E study for reconstructing Johnston Street from North 30th Road to North Dixie Highway to accommodate a new interconnected sidewalk on one side of the street, new lighting, fully reconstructed two-lane two-way roadway with a center turn lane, new transit bus stops, and new drainage system within the existing Right of Way (ROW). HBC conducted a Limited Topographic Survey, Data Collection, Development of Conceptual Design Alternatives, Traffic Analysis of the Alternatives, and Public Involvement Coordination. Moatz conducted the traffic operations analysis involving traffic counts, traffic forecasting, Synchro Analysis for all alternatives, crash data analysis, HSM analysis, and providing recommendations for each alternative. *Location: Hollywood, FL. Dates: 2023–Ongoing. Reference: Luis Lopez, PE, (954) 921-3925, llopez@hollywoodfl.org.*

Florida Department of Transportation (FDOT) District 4, SR-817/ University Dr Widening from Nova Dr to SR-84. Moatz was the Traffic Lead who conducted the safety and operational analysis for three different concepts along SR-817 from Nova Drive to SR-84. Vissim microsimulation and Synchro analyses were performed for comparing measures of effectiveness between intersections. Signal retiming and Surrogate Safety Assessment Model (SSAM) analysis were conducted. Target speed study was also prepared for the studied segment. *Location: Davie, FL. Dates: 2022–2023. Location: Davie, FL. Dates: 2022–2023. Reference: Lance Jones Jr, (954) 777-4680 lance.jones1@dot.state.fl.us. FM # 44562-4-13-20, Contract No. CAI67*

Florida Department of Transportation (FDOT) District 4, Districtwide Traffic Operations Data Collection. Moatz is serving as Project Manager for this contract, in which HBC is conducting routine traffic data collection activities for FDOT District 4 on a TWO basis. Project tasks include collection of turning movement counts, spot speed and speed profile data, volume and classification counts, pedestrian and bicycle data, and travel time and delay data, as well as assisting the District with miscellaneous data collection and traffic studies. *Location: FDOT District 4. Date: Ongoing. HBC Fee: $1.5M. Reference: Ysamary Vergara, (954) 777-4380, Ysamary.Vergara@dot.state.fl.us. FM No.: 230026-6-32-01.Contract No.: CAU65*

Jeremy Braithwaite, IMSA II

Traffic Enigneering & Safety Studies

8 Years of Experience

Jeremy specializes in traffic data collection, traffic engineering studies, and Intelligent Transportation Systems (ITS), with expertise in safety analysis, signal timing optimization, and microsimulation modeling. Jeremy has contributed to projects for the Florida Department of Transportation (FDOT), Miami-Dade County Department of Transportation and Public Works (MDC-DTPW), and Florida's Turnpike Enterprise (FTE), supporting traffic impact studies, queue warning system implementation, and intersection safety evaluations. He is proficient in Synchro, VISSIM, and advanced data analytics tools and is an IMSA Level II Certified Traffic Signal Technician with multiple ITS Construction Engineering and Inspection (CEI) certifications. Passionate about optimizing traffic flow and roadway safety, he applies cutting-edge data collection techniques to enhance transportation planning and infrastructure development.

City of Hollywood, Johnson St from North 30th Rd to North Dixie Hwy Complete Streets Project. Jeremy was the Data Collection Lead of the project to evaluate a selected alternative as part of a PD&E study for reconstructing Johnston Street from North 30th Road to North Dixie Highway to accommodate a new interconnected sidewalk on one side of the street, new lighting, fully reconstructed two-lane two-way roadway with a center turn lane, new transit bus stops, and new drainage system within the existing Right of Way (ROW). This project involved Turning Movement Counts, 72-Hour Volume Counts, Gap Data, and Speed data collection for traffic operations analysis. *Location: Hollywood, FL. Dates: 2023–Ongoing. Reference: Luis Lopez, PE, (954) 921-3925, llopez@hollywoodfl.org*

Florida Department of Transportation (FDOT) District 4, Districtwide Traffic Operations Data Collection. Jeremy is serving as Data Collection Lead for this contract, in which HBC is conducting routine traffic data collection activities for FDOT District 4 on a TWO basis. Project tasks include collection of turning movement counts, spot speed and speed profile data, volume and classification counts, pedestrian and bicycle data, and travel time and delay data, as well as assisting the District with miscellaneous data collection and traffic studies. *Location: FDOT District 4. Date: Ongoing. HBC Fee: $1.5M. Reference: Ysamary Vergara, (954) 777-4380, Ysamary.Vergara@dot.state.fl.us. FM No.: 230026-6-32-01 Contract No.: CAU65*

Florida Department of Transportation and Public Works (FDOT) District 4, Districtwide Traffic Operations Studies – Districtwide Ped/Bike Data Collection. Jeremy assisted with the Districtiwde Ped/Bike Data Collection effort, which involved collecting bicycle and pedestrian data at 14 locations throughout Palm Beach, Indian River, and Broward Counties. Jeremy coordinated all data collection efforts, identified equipment setup locations, carried out equipment installation and breakdown, performed remote monitoring of equipment, and processed and furnished collected data. Pedestrian and bicycle data for this effort was collected and provided to the Department over the course of a four-week period. *Locations: Broward, Palm Beach, and Indian River Counties, FL. Dates: 3/2021–4/2021. . Reference: Ravi Wijesundera, (954) 535-5153, Ravi.Wijesundera@kimley-horn.com. FM No.: 230094-6-32-01. Contract No. CAB33*

Years with HBC
5 years

Education
B.S. in Civil Engineering, Florida International University (04/29/2017)

Registration(s)
TIN No. B24024764

Licenses & Certifications
TTC Advanced No. 626241

IMSA Level 2 Certified

ITS CEI Microwave Vehicle Detection System CBT

ITS CEI Road Weather Information System CBT

ITS CEI Closed-Circuit Television CBT

ITS CEI Dynamic Message Signs CBT

ITS CEI Managed Field Ethernet Switch CBT

Expertise
Traffic data collection, traffic engineering studies, safety analysis, Intelligent Transportation Systems (ITS), signal timing analysis, microsimulation modeling, traffic impact studies.

Orlando Penate, PE, EE, IMSA III

Lighting & Electrical Engineering

20 Years of Experience

A highly experienced Electrical Professional Engineer, he boasts a robust background in the civil engineering industry and a comprehensive skill set, including proficiency in AutoCAD, Bentley MicroStation, OpenRoad Designer, and AGI-32 Lighting Analysts. Throughout his career, he has served as the Engineer of Record for multiple lighting and electrical projects across South Florida. His responsibilities encompass the production and management of all phases of design, ensuring that each project meets stringent standards of quality and efficiency. His extensive experience and technical expertise have established him as a reliable professional in the industry, consistently delivering exceptional results and driving project success.

Florida Department of Transportation (FDOT) District 4, Hollywood Gardens Sidewalk Improvement Project. Engineer of Record responsible for analysis and develop overall design for new intersection lighting system. Prepared Lighting Design Analysis Report, which included Voltage Drop calculations and photometric evaluation results. Also designed Lighting Plans Sets which included reference and master design files, tabulation of quantities, and pole details. *Location: 2015-2019. Reference: Kenzot Jasmin, (954) 777-4462, Kenzot.Jasmin@dot.state.fl.us*.

Florida Department of Transportation (FDOT) District 4, Intersection Lighting Retrofit Improvement Project. Lighting Design Engineer of Record (EOR) for this intersection lighting retrofit improvement project for 29 signalized intersections. This project involved retrofitting existing light poles with Light-Emitting Diode (LED) luminaires to replace outdated High-Pressure Sodium (HPS) luminaires and adding new light poles with LED and FPL luminaires at strategic locations to meet the standards for roadway and pedestrian lighting. Orlando also oversaw the Temporary Traffic Control Plans (TTCPs), roadway design, surveying services, and coordination with other disciplines and governmental entities. *Location: Palm Beach County, FL. Dates: 2021-2023. FM No.: 447001. . Reference: Ronald P. Wallace, PE, (954) 646-1197, Ronald.Wallace@dot.state.fl.us*.

City of Pembroke Pines, Street Lighting Inventory and Illumination Levels Study. Project Manager and Lighting Engineer for the City of Pembroke Pines Street Lighting Inventory and Illumination Levels Study. Led development of illumination criteria, inventoried over 3,000 FPL light poles using GIS, and prepared photometric analyses to assess lighting performance. Responsibilities included evaluating LED applications, prioritizing improvements, and developing roadway lighting policies, standards, and resident request procedures to support the City's long-term lighting strategy. *Location: Pembroke Pines, FL. Dates: 2020-2021. Reference: Karl M. Kennedy, PE, CFM, (954) 518-9040, KKennedy@ppines.com*.

Years with HBC
10 years

Education
B.S. in Electrical Engineering, Marta Abreu de Las Villas University (07/14/2006)

Registration(s)
PE (FL) No. 80385 (01/01/2016)

Licenses & Certifications
FLUG Open Road Designer

FDOT Specifications Package Preparations

Bullet Proof Manager Program

FDOT Advanced TTC, #631090

IMSA Traffic Signal Field Technician Level 3, #CE_131518

Certified Infrared Thermographer Level II No. 17022

Advanced Building Code Course Credit

7th Edition, Florida Building Code

Expertise
Electrical engineering, lighting design, control systems, power distribution, roadway lighting, wastewater infrastructure, signalized intersection lighting, electrical assessments, infrastructure planning, compliance with electrical codes.

Maikel Fiallo Nunez, PE

Lighting & Electrical Engineer

25 Years of Experience

Maikel is a professional Electrical Engineer with extensive experience working with utility companies, over 7 years of experience working as a Project Manager and coordinating a workforce team of 30 subcontractors, and 5 years of experience as a Senior Electrical Specialist preparing work orders and supervising field work. Maikel is primarily focused on power system protection, power distribution, and building design. In addition, Maikel has vast experience working as a Lighting Engineer on various projects involving roadway, bridge, navigational, and pedestrian lighting, including lighting retrofits. Maikel also possesses excellent interpersonal skills and is capable of working well under pressure and with cross-functional teams.

Florida Department of Transportation (FDOT) District 4, SR-820/Pines Blvd from the I-75 North On-Ramp to East of NW 118th Ave. Electrical Engineer for the lighting design and post-design services for this in-house design project along SR-820/Pines Boulevard from west of SW 136th Avenue to east of NW 118th Avenue. The scope includes pedestrian lighting on a 10' wide sidewalk and 5 intersection lighting retrofits including FPL luminaires. *Location: Broward County, FL. Dates: 2021-Ongoing. Reference: Karl M. Kennedy, PE, CFM, (954) 518-9040, KKennedy@ppines.com.*

Florida Department of Transportation (FDOT) District 4, Intersection Lighting Retrofit Improvements Project. Maikel served the role of Electrical Engineer responsible for lighting retrofit improvements for 29 signalized intersections. This project involved retrofitting existing light poles with Light-Emitting Diode (LED) luminaires to replace the outdated High-Pressure Sodium (HPS) luminaires and adding new light poles with LED and FPL luminaires at strategic locations to meet the standards for roadway and pedestrian lighting. Maikel also oversaw the Temporary Traffic Control Plans (TTCPs), roadway design, surveying services, and coordination with other disciplines and governmental entities. *Location: Palm Beach County, FL. Dates: 6/2021-Ongoing. HBC Fee: $1.4M. Reference: Ronald P. Wallace, PE, (954) 646-1197, Ronald.Wallace@dot.state.fl.us.*

Florida Department of Transportation (FDOT) District 4, SR-817/ University Dr Widening from North of Westbound SR-84 to North of NW 1st St Project. Maikel served the role of Electrical Engineer for the corridor along SR-817/University Drive from north of westbound SR-84 to north of NW 1st Street, which has four signalized intersections within the segment that need to be retrofitted. This project entails roadway widening, milling and resurfacing, new sidewalks, signing and pavement markings, new signal mast arms, pedestrian signal upgrades, roadway lighting, and pedestrian lighting. *Location: Broward County, FL. Dates: 9/2019-Ongoing. HBC Fee: $2.9M. Reference: Alexander Estrada, PE, (954) 777-4296, Alexander.Estrada@dot.state.fl.us.*

Years with HBC
4 years

Education
B.S. in Electrical Engineering, Instituto Superior Politecnico Jose Antonio Echeverria (07/15/2001)

Registration(s)
PE (FL) No. 94434 (07/12/2022)

Licenses & Certifications
Schneider Electric Certification Course

Automatic Measurement Systems Post-Degree Course

Power Transformers Testing Post-Degree Course

MATLAB

AutoCAD 2019

LiveCount

Accubid Classic Estimating BidWinner Plus13

Ladder Logic Programming

TTC Advanced # 620316

Infrared Thermographer Level I IMT0000046979

Infrared Thermographer Level II 17023

Expertise
Power system protection, power distribution, electrical design, lighting engineering, utility coordination, roadway and bridge lighting, electrical inspections, SCADA and PLC systems, project management, cost estimation, low-voltage

Daniel Rodriguez, MS, PE, EE, IMSA III

ITS Engineer

11 Years of Experience

Years with HBC
7 years

Education
M.S. in Electrical Engineering, Florida International University (12/08/2018)

B.S. in Electrical Engineering, University of Alabama (05/02/2015)

Registration(s)
PE (FL) No. 91703 (06/22/2021)

TIN No. R362161934420

Licenses & Certifications
Advanced MOT No. 70232

IMSA Traffic Signal Field Technician Level III

Fiber Optic Design FDOT CBT

ITS CEI CCTV FDOT CBT

ITS CEI MVDS FDOT CBT

ITS CEI RWIS FDOT CBT

ITS CEI DMS FDOT CBT

ITS CEI MFES FDOT CBT

Awards & Recognitions
2024 Outstanding Achievement Award - Intelligent Transportation Society of Florida (ITSF)

Expertise
Intelligent Transportation Systems (ITS), signalization, roadway lighting, vehicle electrification, wrong-way driving countermeasures, Smart Work Zones (SWZs), fiber optic network design, traffic management.

Daniel is an ITS expert with extensive experience in signalization, wrong-way driving countermeasures, smart work zones, roadway lighting, vehicle electrification, and NEC compliance. He has served as GEC for Florida's Turnpike Enterprise and as ITS Engineer of Record for a major FTE design-build project. His background includes arterial operations, signal controller programming, and leading compliance programs, policy development, and training to ensure adherence to state and federal requirements.

Florida's Turnpike Enterprise (FTE), Southern Turnpike CCTV Upgrades System Wide. Project Manager and ITS Engineer of Record for system-wide CCTV camera installations along Florida's Turnpike Mainline, HEFT, and multiple service plazas. Led ITS plan and specification development, site selection, and infrastructure coordination to enhance traffic monitoring and emergency response. Oversaw compliance with FDOT standards and Rule 940 requirements, ensuring seamless integration with existing traffic management systems and Turnpike Enterprise TMC operations. *Location: Miami-Dade, Broward, Palm Beach, St. Lucie, and Okeechobee Counties, FL. Dates: 2024-Ongoing. Contract No.: 452086-1-32-01. Reference: Yang Zhao, PhD, PE, (407) 415-9002, Yang.Zhao@dot.state.fl.us.*

Florida's Turnpike Enterprise (FTE), Wrong-Way Vehicle Detection System (WWVDS) Implementation Design-Build Project. Project Manager and Engineer of Record for the design of 41 Wrong-Way Vehicle Detection Systems covering 48 exit ramps along Florida's Turnpike, HEFT, and Sawgrass Expressway. The project utilized thermal, radar, and video detection with solar-powered systems integrated into the Turnpike TMC. Responsibilities included ITS cabinet design, wireless communications, and compliance with FDOT standards, the FDOT Design Manual, and the Turnpike Design Handbook. *Locations: Miami-Dade, Broward, and Palm Beach Counties, FL. Dates: 2021-2024. FM No.: 434968-2-52-01. Reference: Jasmi Alemany, PE, (407) 334-8035, jasmi.alemany@dot.state.fl.us.*

Broward County Public Works Department Highway Construction & Engineering Division, Design Services of Adaptive Traffic Control Systems (ATCS) & Fiber Optic Network for Pine Island Rd from Orange Grove Dr to Cleary Blvd. Project Manager and Engineer of Record for the design of an Adaptive Traffic Control System for nine signalized intersections along Pine Island Road. Responsibilities included traffic signal cabinet replacements, conduit and fiber optic infrastructure design, and implementation of hybrid radar and video detection systems with detection zones configured for future ATSPM deployment. *Location: Fort Lauderdale, FL. Dates: 2023-2024. Contract No.: PNC2120376P1. Reference: Manuel Fontan, PE, (954) 577-4654, mfontan@broward.org.*

Henry Casanova, EE

ITS Engineer

1 Year of Experience

Years with HBC
1 year

Education
B.S. in Electrical Engineering, Florida Polytechnic University (2025)

Expertise
Power systems, circuit design, signal processing, microprocessor programming, GIS applications, digital electronics, analog electronics, communication systems, motor control, and FPGA development.

***Prior to HBC**

Henry specializes in power systems, circuit design, and GIS-based analysis. He has contributed to Intelligent Transportation Systems (ITS) through his internship with the Florida Department of Transportation (FDOT), where he supported intermodal systems by designing over 150 project development zones and analyzing traffic disparities across multiple counties using ArcGIS. Henry's technical skills include microprocessor programming, signal processing, and Field-Programmable Gate Array (FPGA) development, which strengthen his ability to support advanced transportation technology solutions. His academic background in electrical engineering is complemented by hands-on experience with MATLAB, Simulink, AutoCAD, and Verilog HDL. Proficient in digital and analog systems, he brings a multidisciplinary approach to ITS challenges. Passionate about smart mobility and systems integration, Henry is equipped to support innovative transportation initiatives.

Florida's Turnpike Enterprise (FTE), Southern Turnpike CCTV Upgrades System Wide. Engineering Technician assisting with the system-wide design and implementation of additional CCTV installations across SR 91, SR 821, and multiple service plazas including Snapper Creek, Pompano, West Palm Beach, Ft. Pierce, and Fort Drum. Directed the development of ITS plans and specifications to enhance operational awareness during recurring congestion and emergency events, while enabling future data collection capabilities. Oversaw all aspects of the ITS design process, including site selection, infrastructure coordination, and compliance with FDOT standards and Rule 940 systems engineering requirements. Led multidisciplinary coordination to ensure seamless integration with existing traffic management infrastructure and remote operability through Turnpike Traffic Management Centers. Location: Miami-Dade, Broward, and Palm Beach Counties, FL. Dates: 2024-Ongoing. Contract No.: 452086-1-32-01. Reference: Yang Zhao, PhD, PE, (407) 415-9002, Yang.Zhao@dot.state.fl.us.

***Florida Department of Transportation (FDOT) 1, Intermodal Systems Intern.** Intermodal Systems Intern responsible for supporting project development and multimodal transportation planning initiatives. Henry assisted the FDOT by designing over 150 proposed project development zones using ArcGIS software across Polk County and adjacent regions. He also conducted detailed spatial and traffic data analyses to evaluate disparities and trends within more than 150 traffic analysis zones in Collier County. Responsibilities included mapping intermodal connections, interpreting geographic and demographic data, and contributing to corridor-level planning efforts aimed at improving regional mobility and transportation equity. *Location: Miami, FL. Dates: 08/2024-2025. Reference: Brittany Nichols, Brittany.nichols@dot.state.fl.us, 863-519-2753* .

***Capstone Project, Motor Efficiency Harvester Testing.** Henry supported the development and validation of a motor efficiency harvester in collaboration with Lakeland Electric, contributed to the creation of testing procedures for a power factor correction device designed to improve energy efficiency in electrical systems, employed oscilloscopes and specialized probes to design and implement three distinct testing plans, and evaluated the device's performance under various load conditions. Responsibilities included technical documentation, data collection, and iterative refinement of testing methodologies to ensure accurate performance measurement and alignment with utility standards. *Location: Lakeland, FL. Dates: 10/2024-05/2025. Reference: Dr. Onur Toker, otoker@floridapoly.edu, 863-874-8811.*

Juan J. Flores, Jr., PhD, AICP

Planning

25 Years of Experience

Dr. Flores has over 20 years of intermodal and QA/QC project management experience across state and local governments and private industry. He is a proven quality assurance manager with expertise in improving customer satisfaction, preventing quality issues, and optimizing team performance. While working for the Qatar Free Zone in Doha, he implemented new QC guidelines that reduced inspection times by 27% and realigned Health, Safety, and Environment standards. He has managed QA plans and performed quality control testing for more than 50 projects annually. His background also includes PD&E studies, transportation planning, and multimodal transit systems, supporting effective delivery of complex, interdisciplinary projects.

***Miami-Dade County Planning Department, Comprehensive Development Master Plan (CDMP).** Planner for leading long-range planning efforts and policy development to support sustainable growth and community resilience. Focused on growth management, historic preservation, urban planning, sustainability planning, and multimodal transportation development through the Comprehensive Development Master Plan (CDMP) and related initiatives. Collaborated with key stakeholders, including the Department of Environmental Resources Management (MDC-DERM), Water and Sewer Department (MDC-WASD), Parks, Recreation and Open Spaces Department (MDC-PROS), and Zoning, to ensure land development policies and infrastructure planning aligned with the county's long-term vision and regulatory requirements. *Location: Miami-Dade County, FL. Dates: 2024.*

***Miami-Dade Transportation Planning Organization (TPO), SR-953/Le Jeune Road at SR-90/SW 8th Street Intersection Improvement Study.** Transportation Planner for assessing needs and identifying, evaluating, and documenting short-term and long-term multimodal transportation improvements, including intersection enhancements. Verified transportation demands and analyzed alternative designs and concepts such as movement restrictions, lane re-purposing, diversions, and signal timing phasing adjustments to improve safety and operational efficiency for all modes of travel. *Location: Miami, FL. Dates: 2020-2020.*

***Florida Department of Transportation (FDOT) District 1, Districtwide Systems Planning for Port and Freight Services.** Project Manager for the Freight Mobility and Transportation Plan (FMTP), responsible for freight mobility planning across multiple modes, including highways, rail, seaports, and aviation, as well as conducting freight logistics business research. The project included collaborating with Port Manatee to identify and develop capacity enhancements in alignment with port master planning and development objectives. Dr. Flores oversaw all freight mobility planning efforts, freight logistics research, and capacity enhancement initiatives for Port Manatee, ensuring the project aligned with strategic planning goals and supported long-term freight transportation and logistics needs. *Location: Bartow, FL. Dates: 2019-2024.*

Years with HBC
1 year

Education
PhD in Business Operations, Oklahoma State University (12/18/2022)

MBA in Finance, Mississippi College (08/18/2011)

M.S. in Logistics, George Mason University (01/15/2005)

B.A. in Business Operations, Purdue University (05/01/2001)

Licenses & Certifications
U.S. Small Business Development Centers (SBDC) Certificate of International Trade & Commerce

Massachusetts Institute of Technology (MIT), Certificate of Supply Chain Management and Logistics

Rutgers University, Certificate of Advanced Infrastructure and Transportation

Salesforce Certification

SPSS Statistical Software

JMP Pro Software

Mplus

Tableau

Expertise
Project management, intermodal transportation, quality assurance and control, infrastructure planning, transportation

TODD MOHLER RLA, ISA, IA
SENIOR LANDSCAPE ARCHITECT

KCI

Mr. Mohler is an experienced landscape architect with a depth of knowledge developed over three decades of professional experience. His project portfolio ranges broadly between public agencies and private developments. He has specific project experience in parks, streetscapes, hospitality, PUDs, and commercial development. Mr. Mohler specializes in irrigation design providing advanced irrigation systems with site-specific details and special technical provisions, proactively pursuing alternative water sources, including stormwater harvesting and stormwater integration. He has designed, tested, inspected, and managed central control irrigation systems for several years. His thorough understanding of water, soils, and plants within the built environment has contributed to decades of successful consulting within the private sector. Mr. Mohler's experience includes irrigation water management through advanced technologies like soil moisture sensing, weather stations, and computerized central control systems. His professional services on projects include initial data collection and observation, site analysis, concept and design development, and complete site, landscape, and irrigation design, including construction oversight and inspection services.

PROJECT EXPERIENCE

City of Fort Lauderdale, Middle River Terrace / Old Dixie Highway - Fort Lauderdale, FL. *Senior Landscape Architect.* This project was an off system, 0.9-mile, bicycle and pedestrian project in the community of Middle River in the City of Fort Lauderdale. The project included reducing the travel lanes to accommodate bicycle lanes along both sides of the Old Dixie Highway, creating a continuous five-foot-wide sidewalk on each side of the corridor, adding raised table intersections with crosswalks for increased pedestrian safety, adding a mini roundabout, pedestrian lighting, and improving drainage along the corridor by adding bioswales.

Florida Department of Transportation District Six, SR 907/Alton Road from 5th Street to N Michigan Avenue - Miami-Dade, FL. *Senior Landscape Architect.* This 1.5-mile section of Alton Road is an active commercial corridor on Miami Beach, heavily traveled by locals and tourists either on foot, bicycle, or automobile. In addition to being a complete roadway reconstruction project, FDOT's scope also included highway beautification with landscape, hardscape, and irrigation plans. The landscape component of this complex $35 million reconstruction project included expanded sidewalks, street trees with special tree covers, landscape and drip irrigation design, city and business coordination, and construction inspection.

City of Dania Beach, Corridor Landscape Master Plan - Dania Beach, FL. *Senior Landscape Architect..* The Dania Beach Corridor Landscape Master Plan, developed by KCI for the City of Dania Beach, focuses on improving the identity, safety, and resilience of major thoroughfares, including US-1, Griffin Road, and Dania Beach Boulevard. The plan involved analyzing existing street trees and corridor conditions for visibility, maintenance, and hurricane resilience. It emphasizes community character and aesthetic goals, providing guidance on tree species, planting arrangements, and landscape strategies to enhance traffic calming and pedestrian comfort. The final plan serves as a phased roadmap for sustainable landscape improvements across key corridors.

City of Coconut Creek, Cougar Trail- Coconut Creek, FL. *Senior Landscape Architect.* KCI provided landscape design services and post-design inspections for this streetscape, including tree inventory, new landscaping, and irrigation design. This project was a streetscape and beautification effort located in the City of Coconut Creek near Coconut Creek High School. The design project also involved an arborist's tree inventory, evaluation of existing trees within the right-of-way, and clearing invasive species along the canal bank.

Experience: 32 years

Education
BLA Landscape Architecture / Clemson University / 1993

Registrations/Certifications
RLA / FL / LA0001594

RLA / GA / 1610

RLA / SC / 1529

ISA Certified Arborist

IA Certified Irrigation Contractor

IA Certified Irrigation Designer

IA Certified Landscape Irrigation Auditor

IA Certified Golf Course Irrigation Auditor

Specifications Pkg Prep. Training for Consultants / FDOT.

FL Water Star Accredited Prof. - Cert. (FWS- AP)2

LAP Design Criteria Specs. & Const Checklist Trng

Memberships
ARCSA / Member

ASLA / Member

ISA / Member

IA / Member

KIRK HOOSAC, RLA
SENIOR LANDSCAPE ARCHITECT

Experience: 22 years

Education
BLA Landscape Architecture / University of Florida / 2006

Registrations/Certifications
RLA / FL / LA6667091

Membership
American Society of Landscape Architects

City of Oakland Park Beautification Advisory Board Member

Mr. Hoosac has served as the Project Manager on 11 Landscape Architecture Districtwide/Continuing Services contracts in five different FDOT districts, gaining a unique understanding of FDOT's key preferences and objectives. As the previous FDOT District Landscape Architect in District Six, Mr. Hoosac offers a wide range of experience in all phases of landscape architecture, including plan development, concept generation, cost estimating, site inventory, site and master planning, landscape and irrigation design, project specifications, construction observation, landscape inspection, and quality control. He has participated in various project types, such as planning and design for transportation, commercial, residential, and municipal projects. From dynamic presentations to disciplined project management, Mr. Hoosac brings a positive and proactive approach to his projects. His responsive, intuitive, and detail-oriented leadership traits will be passed down to our team as he leads KCI to deliver thorough landscape architecture projects that provide FDOT with a good foundation for setting funding and project priorities.

PROJECT EXPERIENCE

Florida Department of Transportation District Four. SR A1A Fort Lauderdale Beach Streetscape - Fort Lauderdale, FL. ***Project Manager.*** KCI was retained by FDOT District 4 to design the reconstructed portion of SR A1A from Sunrise Boulevard to NE 18th Street. KCI designed and prepared construction plans for the landscape, irrigation, and hardscape. While most of the landscape improvements are in the newly constructed median, KCI also made improvements to the east sidewalk along the beach. The streetscape design lined SR A1A with stately palms placed in landscaped medians. The palms were spaced closely for dramatic visual impact, and the wide sidewalks allowed for comfortable pedestrian passage. Coastal-appropriate plant species were installed within plant beds throughout the project. KCI provided post-design services, reviewing plant layouts and plant quality to deliver a quality product. KCI continued to assist the department in monitoring throughout the establishment period.

City of Fort Lauderdale, Middle River Terrace / Old Dixie Highway - Fort Lauderdale, FL. ***Project Manager.*** This project was an off system, 0.9-mile, bicycle and pedestrian project in the community of Middle River in the City of Fort Lauderdale. The project included reducing the travel lanes to accommodate bicycle lanes along both sides of the Old Dixie Highway, creating a continuous five-foot-wide sidewalk on each side of the corridor, adding raised table intersections with crosswalks for increased pedestrian safety, adding a mini roundabout, pedestrian lighting, and improving drainage along the corridor by adding bioswales.

Florida Department of Transportation District Four. FDOT District 4 Districtwide Landscape Architectural Services - Districtwide, FL. ***Project Manager.*** KCI was responsible for general landscape architectural services for District Four. Services included preparation of landscape, hardscape, and irrigation plan sets, presentations, reports, permitting, and review meetings.

City of Dania Beach, Corridor Landscape Master Plan - Dania Beach, FL. ***Project Manager.*** The Dania Beach Corridor Landscape Master Plan, developed by KCI for the City of Dania Beach, focuses on improving the identity, safety, and resilience of major thoroughfares, including US-1, Griffin Road, and Dania Beach Boulevard. The plan involved analyzing existing street trees and corridor conditions for visibility, maintenance, and hurricane resilience. It emphasizes community character and aesthetic goals, providing guidance on tree species, planting arrangements, and landscape strategies to enhance traffic calming and pedestrian comfort. The final plan serves as a phased roadmap for sustainable landscape improvements across key corridors.

City of Coconut Creek, Cougar Trail- Coconut Creek, FL. ***Senior Landscape Architect.*** KCI provided landscape design services and post-design inspections for this streetscape, including tree inventory, new landscaping, and irrigation design. This project was a streetscape and beautification effort located in the City of Coconut Creek near Coconut Creek High School. The design project also involved an arborist's tree inventory, evaluation of existing trees within the right-of-way, and clearing invasive species along the canal bank.

EDUARDO M. SUAREZ, PSM

Chief Surveyor / Principal

INDUSTRY TENURE
41 years

LONGITUDE TENURE
21 years

EDUCATION
AA, Miami Dade College
(1993)

REGISTRATIONS
Professional Surveyor
and Mapper
FL License No. LS6313

AFFILIATIONS
Florida Surveying and
Mapping Society
Miami Chapter President

America Society of Civil
Engineers
Member

Utility Engineering Surveying
Institute
Member

Leading the Longitude team is **Eduardo "Eddie" M. Suarez, PSM**. Recognized for his exceptional leadership, technical proficiency, and commitment to delivering top-tier surveying services, he has successfully navigated complex projects in diverse sectors, including commercial, residential, transportation and infrastructure developments. Having established a reputation for quality, integrity, and client satisfaction, Eddie has built and nurtured strong professional relationships. His collaborative approach ensures seamless coordination between multidisciplinary teams, driving projects toward successful outcomes. With a keen eye for detail and a passion for precision, he orchestrates the team's efforts with unwavering dedication.

North Bay Village ADA Improvements for Sidewalks, North Bay Village, FL
Longitude Surveyors provided topographic surveying services in support of ADA and sidewalk improvements throughout North Bay Village. The scope included establishing horizontal and vertical control, computing rights-of-way using field evidence, plats, deeds, and other documentation, and graphically depicting lot and ownership lines within the survey limits. Survey data was geo-referenced to the Florida State Plane Coordinate System (NAD83/2011), with elevations referenced to NAVD88. Significant aboveground features such as pavement edges, driveways, utilities, and landscaping were collected at 25-foot intervals, with additional elevations gathered to capture grade changes and notable site elements. Survey limits extended from the right-of-way to the centerline of roads or, where specified, the full width of the public right-of-way, as shown in the client-provided exhibit. Deliverables included digitally signed and sealed PDF and CAD files.

NE 23 Avenue Drainage Improvements, City of Ft. Lauderdale, Ft. Lauderdale, FL
Longitude Surveyors conducted a topographic survey including right-of-way and property lines, adjacent properties, and all aboveground improvements. Elevations were collected on a 35-foot grid with a Digital Terrain Model provided, along with rim, invert, and pipe data for drainage and sanitary structures. TBMs were established outside the project limits for construction use.

Harbour Inlet Drive, Forcemain upside from D-36 to D-35, City of Ft. Lauderdale, Ft. Lauderdale, FL
Longitude Surveyors provided topographic, drainage, and SUE services, including mapping property and right-of-way features, utilities, and site improvements. Elevations were collected on a 25-foot grid with a DTM provided, along with pipe size and material data for drainage and sanitary structures. All control was referenced to the Florida State Plane Coordinate System and NAVD88, and SUE services included utility locates and four test holes.

NE 21 Avenue and NE 24 Terrace Storm Water Improvements, City of Ft. Lauderdale, Ft. Lauderdale, FL
Longitude Surveyors provided topographic and drainage surveying services, including mapping property boundaries, adjacent properties, and all aboveground improvements. Elevations were collected on a 35-foot grid with a DTM provided, along with rim, invert, and pipe data for drainage and sanitary structures. TBMs were established outside the project limits for construction use.

LONGITUDE SURVEYORS

Telva Morejon, CST, SIT

Senior Survey Technician / Right-of-Way Specialist

INDUSTRY TENURE
37 years

LONGITUDE TENURE
10 years

EDUCATION
BS, Civil Engineering
University of Cienfuegos, Cuba (1994)

Certified Survey Technician
Certificatioin No.
0617-5709

Telva Morejon, CST, SIT is a highly skilled Senior Survey Technician with a wealth of experience in the field of surveying for 37 years. Possessing a Surveyor and Training Survey Technician CST certificate, she brings a comprehensive understanding of surveying principles, methodologies, and cutting-edge technologies. Telva is a Surveying right-of-way specialist with a proven track record in facilitating seamless land acquisition processes for various projects. Possessing extensive expertise in interpreting property records, understanding legal descriptions, and navigating intricate land tenure systems, she excels in identifying, negotiating, and securing rights of way efficiently. Telva has also served as Project Manager Surveyor on multiple Florida Department of Transportation (FDOT) Contracts. Her extensive experience allows her to remain intimately familiar with FDOT standards, policies, and department procedures.

North Bay Village ADA Improvements for Sidewalks, North Bay Village, FL
Longitude Surveyors provided topographic surveying services in support of ADA and sidewalk improvements throughout North Bay Village. The scope included establishing horizontal and vertical control, computing rights-of-way using field evidence, plats, deeds, and other documentation, and graphically depicting lot and ownership lines within the survey limits. Survey data was geo-referenced to the Florida State Plane Coordinate System (NAD83/2011), with elevations referenced to NAVD88. Significant aboveground features such as pavement edges, driveways, utilities, and landscaping were collected at 25-foot intervals, with additional elevations gathered to capture grade changes and notable site elements. Survey limits extended from the right-of-way to the centerline of roads or, where specified, the full width of the public right-of-way, as shown in the client-provided exhibit. Deliverables included digitally signed and sealed PDF and CAD files.

Foster Road, between NW 10 Avenue and NW 4 Avenue. Along with a portion of NW 8 Avenue, between Foster Road and NW 9 Street. NW 9 Street, between NW 9 Avenue and NW 8 Avenue, City of Hallandale, Hallandale Beach, FL
Longitude Surveyors completed a topographic survey along the Prospect Road right-of-way between Primrose Place and NW 21st Avenue in Oakland Park. The survey included aboveground features, spot elevations, and GPS control, referenced to NAD83/11 and NAVD88.

Water Main Replacement along Holiday DR, City of Hallandale Beach, Hallandale Beach, FL
Longitude Surveyors provided topographic, bathymetric, and SUE services, including boundary research, feature mapping, 25-foot grid elevations with a DTM, and drainage and sanitary inverts. Work also included surface water and sediment measurements, SUE designation at 20 locations, and preparation of a Sketch and Legal Description for a proposed state land easement.

Collect Drainage and Gravity Sewers Rim and Invert Elevations City of Hallandale Beach, Hallandale Beach, FL
Longitude Surveyors collected inverts and rim elevations for all drainage and sanitary structures as throughout the the City of Hallandale Beach.

LONGITUDE SURVEYORS

Angela L. Alba, PE

CHIEF GEOTECHNICAL ENGINEER

AREHNA | Engineering, Inc.

Contact Information

954.495.1710
aalba@arehna.com

5389 N Nob Hill Road
Sunrise, Florida 33351

Licenses

Professional Engineer
Florida Registration No. 58538, 2002

Experience

27 years total
11 years at AREHNA

Education

Master of Science, Civil Engineering (Geotechnical)
Massachusetts Institute of Technology, 1998

Bachelor of Science, Civil Engineering
University of Puerto Rico, 1995

Career Summary

Ms. Alba has provided geotechnical engineering services on numerous geotechnical explorations over the past 27 years, including serving as the Geotechnical Discipline Lead for the I-595 Corridor Improvement project in Broward County, Florida, which is the first Public-Private-Partnership (P3) project ever awarded by FDOT. Ms. Alba has been involved in the planning, analysis, execution, and review of geotechnical projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, and other local municipality projects. Ms. Alba has performed evaluations for retaining walls, drainage structures, shallow foundations, driven piles, drilled shafts, augercast piles, micropiles, and pressure injected footings. Ms. Alba's experience has also included finite element analysis, slope stability evaluations, soil nail wall design, and evaluation of geosynthetics applications, and geotechnical ground improvement techniques.

Project Experience

City of Fort Lauderdale, Traffic and Transportation Engineering Services and Planning Services, Fort Lauderdale, Florida AREHNA serves as a subconsultant on an as-needed basis for geotechnical engineering and construction materials testing services for this task workorder contract. Ms. Alba serves as the Geotechnical Project Manager.

West Hillsboro Blvd. Bike Lanes & Lighting Improvements, Broward County, Florida (RFP No. TRN2122239PL) Ms. Alba is serving as Senior Geotechnical Engineer for this roadway improvement project, which includes approximately 1.5 miles of new bike lanes in both directions, associated drainage improvements, and new lighting system along Hillsboro Blvd. from Loxahatchee Rd to SR-7. Improvements will include sidewalks, new roundabout at NW 64th Terrace, and milling and resurfacing.

City of Hollywood Professional Engineering Continuing Services Civil Engineering Roadway, City of Hollywood, Florida Ms. Alba is serving as Chief Geotechnical Engineer for this task work order contract, which has included the bridge replacement over the C-10 canal and includes milling and resurfacing and drainage improvements.

City of Fort Lauderdale, South Ocean Drive Bridge Replacement and Roadway Improvements, Fort Lauderdale, Florida Ms. Alba served as the Geotechnical Engineer of Record for this project, which consists of replacement of the existing bridge along South Ocean Drive over the Marion River. The existing bridge is 80 feet, four spans, reinforced concrete double T-beam constructed in 1952 and rehabilitated in 1968 that requires frequent costly maintenance.

Fort Lauderdale Airport Upper-Level Roadway Improvements Phase 4, FLL, Broward County, Florida Ms. Alba serves as Chief Geotechnical Engineer for this project which consist of replacement of 36 bridge bearings for a total of 18 spandrel joint beam locations on Terminal Drive upper-level exit roadway between Terminals 2 and 4 at joint locations 16 through 33, including field review, analysis, and design rehabilitation measures with applicable remediation of spandrel beam ledges, bearing plates, concrete spall areas, delamination, and concrete cracks. AREHNA is performing SPT borings to assist in the design, preliminary consists of the shoring and jacking the spandrel beam, then the lower ledge and bearing will be removed and replaced, using a steel ledge retrofit (Joints 16 to 18 and 21 to 33 terminal side, and Joints 19 and 20 terminal).

SW 64th Avenue from SW 35th Street to Pembroke Road, FDOT District Four, Broward County, Florida Ms. Alba served as the Senior Geotechnical Engineer for this project consisting of approximately 1.1 miles of bike lanes and multi-use pathway, including widening and resurfacing.

Andy Tao, PE

MAT SENIOR ENGINEER

AREHNA | Engineering, Inc.

Contact Information

954.495.1710
atao@arehna.com

5389 N Nob Hill Road
Sunrise, Florida 33351

Licenses

Professional Engineer
Florida Registration No. 88520, 2019

Experience

11 years total
7 years at AREHNA

Education

Master of Science, Civil Engineering,
Geotechnical Focus
University of Florida, 2013

Bachelor of Science, Civil Engineering
University of Florida, 2012

Career Summary

Mr. Tao has provided geotechnical engineering services on numerous geotechnical explorations over the past 11 years including roadways, commercial/residential high-rise buildings, residential developments, and industrial, military, medical, commercial, and educational facilities. Mr. Tao assists in report development and geotechnical analysis of deep and shallow foundations as well as retaining walls and stormwater facilities. Mr. Tao executes soil classification in accordance with AASHTO and ASTM classification systems and evaluates subsurface materials with respect to the project characteristics. Additionally, he coordinates laboratory testing on selected soil samples and performs quality control on laboratory results.

Project Experience

City of Fort Lauderdale South Ocean Drive Bridge Replacement, Fort Lauderdale, Florida Mr. Tao served as the Geotechnical Engineer for this project, which consists of replacement of the existing bridge along South Ocean Drive over the Marion River. The existing bridge is 80 feet, four spans, reinforced concrete double T-beam constructed in 1952 and rehabilitated in 1968 that requires frequent costly maintenance.

West Hillsboro Blvd., Bike Lanes & Lighting Improvements Broward County, Florida Mr. Tao served as Geotechnical Project Engineer for this roadway improvement project, which includes approximately 1.5 miles of new bike lanes in both directions, associated drainage improvements, and new lighting system along Hillsboro Blvd. from Loxahatchee Rd. to SR-7. Improvements include sidewalks, a new roundabout at NW 64th Terrace and milling and resurfacing.

Continuing Services for Design Projects, FDOT District Four, Florida Mr. Tao served as Geotechnical Project Engineer for a series of roadway improvements and pavement projects under these task order contracts. The work includes lane widening, intersection improvements, mast arm, lighting, overhead signs, drainage improvements, and milling and resurfacing throughout the district. Geotechnical engineering services include drilling, laboratory testing, engineering analysis and reporting, utility coordination, permitting and (MOT) maintenance of traffic.

Pine Island Road from Griffin Road and Nova Drive, Broward County, Florida Mr. Tao is providing geotechnical engineering services for this project, which consists of roadway widening approximately 1.9 miles from four to six-lanes with bicycle lanes and sidewalks in each direction, bridge widening, new bulkhead wall along CBWCD N-12 Canal, miscellaneous structures, associated drainage improvements, landscape and irrigation, new mast arm signalized intersections and interconnect system. Close coordination with the design team was required during the field exploration due to archeological concerns within the alignment.

Continuing Construction Engineering and Inspection (CEI) and Design Services, Broward County, Florida Mr. Tao provides geotechnical engineering and materials testing services for this design and roadway improvements continuing services contract. Projects consist of roadway improvements, bridge design and replacement, miscellaneous structures, traffic safety, signing, subarea/corridor planning, signalization and drainage systems.

City of Oakland Park Mast Arm Traffic Signals at 19 Intersections, Broward County, Florida This project consisted of new mast arm foundations at 19 intersections throughout the City of Oakland Park. Mr. Tao served as Geotechnical Project Engineer and was responsible for field and utility coordination, report preparation, and recommendations.

Broward Mobility SW 56th Avenue from Pembroke Road to Stirling Road, FDOT District Four, Florida Mr. Tao served as the Project Geotechnical Engineer for this mobility project, which consisted of constructing sidewalks and pavement widening for bicycle lanes to approximately 3.5 miles of SW 56th Avenue.

Paulette Ridgard Summers

Senior Community Outreach Specialist

Media Relations Group, LLC

PROFESSIONAL CREDENTIALS

Bachelor of Administration, Major: International Business, Minor: Marketing and Management; Florida International University - 2003

BASIS FOR TEAM SELECTION

Currently assigned to major FDOT contracts, including the Miami-Dade, Broward, and Monroe County Planning, Design and Construction Projects

Experience working in diverse communities and multi-cultural demographics

Extensive experience implementing problem-solving skills with traffic operations and transportation related contracts since 1997

Significant experience and familiar with the Public Information Department communication procedures and guidelines

OFFICE LOCATION:

Ft. Lauderdale, Florida

Ms. Summers has over 26 years of experience in public involvement, facilitation, public relations, media relations, social media, and marketing. During her 13 years with MRG, she has led public information efforts for feasibility, planning, PD&E, design, design build, construction, and transit projects. Most recently, she has directed all public involvement efforts for the FDOT District Four Design Continuing Services Contract over the past three years.

SELECT PROJECT EXPERIENCE INCLUDES:

2022 – Present – FDOT District Four CSC, Broward and Palm Beach Counties, Florida – Mrs. Summers leads all of the public involvement efforts related to this contract which includes several ongoing and upcoming design projects listed below:

- Transit Corridor Improvements on Orange Drive from Florida's Turnpike to SR 7/US 441 and Taft Street from State Road (SR) 7/US 441 to 40 Avenue
- SR 804/Ocean Drive from US 1 to A1A
- SR 7/US 441 from Glades Road to Bridgebrook Drive
- SR 814/Atlantic Boulevard from NW 27 Avenue to W of N Andrews Avenue
- SR 814/Atlantic Blvd from SR 7/US 441 to I 95
- SR A1A from Flamingo Avenue to South of Pine Avenue
- SR 823/Flamingo Road from Pembroke Road to South of Pines Boulevard

Reference: Carlos Alcantara, P.E., BCC Engineering, 954.298.2246. Project Role: Sr. Community Outreach Specialist

- SR 794/Yamato Road from I-95 to US 1/Federal Highway
- SR 804/Boynton Beach Boulevard from US 441 to Lyons Road
- SR 5/US 1/Federal Highway from 6th Avenue North to Arlington Road
- SR 5/US 1/Bailey Street to south of Eve Street
- SR 804/Boynton Beach Boulevard from N Congress Avenue to NW 8th Street
- SR 5/US 441 at Royal Palm Blvd and Copans Road Intersection

Reference: Eithel Sierra, P.E., CHA Consulting, Inc., 786.257.3118, Project Role: Sr. Community Outreach Specialist

2024 – FDOT District Four, SR 736/ Davie Boulevard Bridge (#860038) over the South Fork New River, Broward County, Florida – Mrs. Summers leads the public involvement efforts for this project which involves the repair and rehabilitation project of the SR 736/Davie Boulevard Bridge. She will be responsible for the planning and preparation of collaterals for a public meeting scheduled for April 2025. *Reference: Roger G. Khouri, P.E., WSP, USA, 305.514.3143, Project Role: Sr. Community Outreach Specialist*

2024 – FDOT District Four, SR A1A/Ocean Boulevard Bridge (#930060) over Boca Inlet, Broward County, Florida – MRG provides all the public involvement efforts required on this bridge rehabilitation design project. Mrs. Summers recently completed a Community Outreach Plan (CAP) and will be responsible for completing meeting collaterals in preparation for a public meeting. *Reference: Sybille Bayard, P.E., Modjeski and Masters, Inc., 305.345.7386, Project Role: Sr. Community Outreach Specialist*

History and Past Performance of the Firm

HBC's team brings extensive and directly relevant experience delivering sidewalk, pedestrian, and multimodal infrastructure projects for municipalities and public agencies throughout South Florida under continuing services and task work order contracts. Collectively, we have supported the City of Fort Lauderdale and peer agencies, including Broward County, Miami-Dade County, and FDOT Districts 4 and 6 by preparing conceptual plans, construction-ready sidewalk designs, ADA improvements, drainage coordination, utility conflict resolution, maintenance of traffic plans, and cost estimates across multiple corridors and locations. All representative projects were delivered in accordance with established schedules and budgets, reflecting our commitment to reliable performance and quality control.

HBC is well-versed in the City of Fort Lauderdale's transportation and mobility priorities, including pedestrian safety, ADA accessibility, neighborhood connectivity, and resilient infrastructure delivery. Our experience applying FDOT standards and administering LAP-funded projects ensures compliance with city, county, state, and federal requirements, supporting efficient implementation of sidewalk improvements citywide.

We have contributed to the following key initiatives:

SR-858/Hallandale Beach Blvd from SR-7/US-441 to Lakeshore Dr RRR Project – Hallandale Beach, FL

HBC delivered the SR-858 Hallandale Beach Boulevard RRR Project for FDOT District 4, providing corridor improvements that included ADA-compliant sidewalk and ramp upgrades, drainage evaluation and design, utility coordination, and preparation of construction-ready plans. This project directly aligns with, RFQ sidewalk scope by demonstrating HBC's ability to deliver consistent pedestrian improvements, resolve drainage issues, and coordinate multidisciplinary elements across an urban corridor efficiently.

Hollywood Gardens Sidewalk Project– Hollywood, FL

HBC delivered the Hollywood Gardens Sidewalk Project under FDOT District 4, providing design and engineering services for a Complete Streets initiative focused on sidewalk connectivity, ADA compliance, drainage coordination, and utility conflict resolution. This project directly aligns with the RFQ scope by demonstrating HBC's ability to deliver construction-ready sidewalk improvements across multiple corridors, while addressing right-of-way constraints, community concerns, and multimodal safety objectives.

SW 30th Ave Widening from Griffin Rd to SW 45th St – Dania Beach, FL

HBC delivered the SW 30th Avenue Widening LAP Project for FDOT District 4, providing design services that included sidewalk gap closure, ADA upgrades, drainage improvements, utility coordination, and preparation of construction-ready plans. This project aligns directly with the RFQ scope by demonstrating HBC's experience delivering pedestrian improvements as part of larger corridor programs, managing LAP requirements, and coordinating multiple disciplines to implement safe, accessible sidewalk infrastructure efficiently.

Project	Client	S/CS
PD&E Study at Johnson Street from North 30th Road to North Dixie Highway	City of Hollywood	✓
Hollywood Gardens Sidewalk Complete Streets Project	FDOT District 4	✓
Widening of SW 30th Avenue from Griffin Road to SW 45th Street	FDOT District 4	✓
SR-858 Hallandale Beach Boulevard from SR-7 to Lakeshore Drive	FDOT District 4	✓
The Hammocks Signage Project	HCA	✓
SR 7/NW 7th Ave Safety Improvement,	FDOT District 6	✓
SW 147th Ave/Tree Island Park Rehabilitation,	MDC-DTPW	✓
SR 7/US 441 Transit Corridor Improvements	FDOT District 4	✓
Lighting Design for SR-820/Pines Boulevard from West of SW 136th Avenue to East of NW 118th Avenue	FDOT District 4	✓
Design-Build Services for The Underline - Phase II	Miami-Dade DTPW	✓
Corridor Improvements at SR-817/University Drive from Nova Drive to SR-84	FDOT District 4	✓
Safe Routes to School	MDCPS	✓
Lighting Photometric Analysis at Boynton Beach Blvd / SR 804 from SR7 to Turnpike	Palm Beach County	✓
Okeechobee Blvd: Turnpike to Military – Palm Beach County	Palm Beach County	✓
Lighting Photometric Analysis at SR 806 / Atlantic Avenue from Turnpike to Military Trail	Palm Beach County	✓
Lighting Photometric Analysis at SR-809/Military Trail from Wadita Ka Way to Okeechobee Boulevard	Palm Beach County	✓
Lighting Photometric Analysis at Boynton Beach Blvd / SR 804 from SR7 to Turnpike	Palm Beach County	✓
Lighting Photometric Analysis at Military Trail from Lake Worth Road to Okeechobee Boulevard	Palm Beach County	✓
Military Trail from Lake Worth Rd to Clint Moore Rd	Palm Beach County	✓
Military Tr (SR 809) - CSA #2023825-103	Palm Beach County	✓
Okeechobee Blvd - CSA#3_2022825-004	Palm Beach County	✓
Okeechobee Boulevard (SR 704) (SR 7 to Turnpike)Lighting Photometric Analysis	Palm Beach County	✓
Palm Beach Lakes Boulevard over Florida East Coast (FEC) Railroad, bridge widening and rehabilitation	Palm Beach County	✓
Seminole Blvd from Oswego Ave to Okeechobee Blvd, Multi-Use Trail & Pedestrian Lighting Project	Palm Beach County	✓
SR 7 North of Glades Rd to C-39 just north of Clint Moore Rd – Palm Beach County	Palm Beach County	✓
Widening of Boca Rio Road from Palmetto Park Road to Glades Road	Palm Beach County	✓
CEI Services along SR-804/Boynton Beach Boulevard	FDOT District 4	✓
CEI Services for Belvedere Heights Phase 1 and Phase 2 Sidewalks and Streetlights	Palm Beach County	✓
CEI Services for Seminole Boulevard Multi-Use Trail and Pedestrian Lighting Project	Palm Beach County	✓
CEI Services for Wabasso Drive over LWDD L-2 Canal Bridge Replacement Project	Palm Beach County	✓
CEI Services for Cherry Road from Military Trail to Quail Drive	Palm Beach County	✓

S/CS: Sidewalk/Complete Streets

Previous Work with the City of Fort Lauderdale

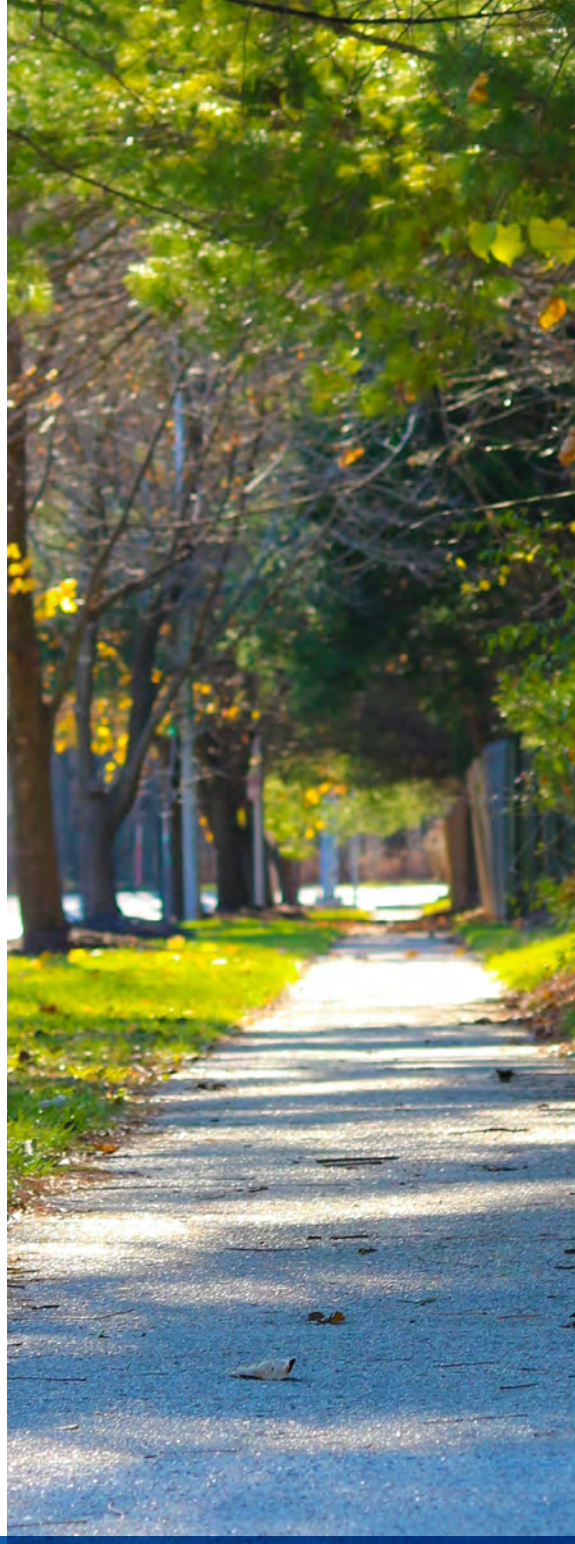
HBC has an established record of partnering successfully with the City of Fort Lauderdale on infrastructure and mobility initiatives that strengthen resiliency, safety, and connectivity. Our portfolio demonstrates versatility in managing waterfront, airport, and airfield improvements, all delivered with a focus on constructability, cost efficiency, and long-term performance.

For the **Riverwalk North Seawall Replacement Project**, HBC is providing full design services for the replacement of the deteriorated seawall extending west from the Andrews Avenue Bridge. The scope encompasses sheet pile seawall design, demolition of the existing catwalk, installation of new fixed and floating docks with amenities, relocation of utilities, replacement of electrical pedestals, and preparation of detailed repair specifications following field inspections. This ongoing effort reflects the City's commitment to maintaining resilient and accessible waterfront facilities that enhance public spaces.

At Fort Lauderdale-Hollywood International Airport (FLL), HBC has supported the Broward County Aviation Department (BCAD) across several major initiatives. For the **Terminal 4 Modernization Project,** we developed a comprehensive Project Definition Document to advance the initial concept into schematic-level design. This work included detailed architectural renderings, constructability reviews, and cost estimates spanning building systems, MEP/HVAC, and site/civil improvements. Similarly, for the Intermodal Center, HBC prepared a Project Definition Document addressing market assessments, infrastructure overlays, FDOT coordination, and integration of future air mobility planning, supported by constructability reviews and ROM cost estimates.

HBC also contributed to the **Airfield Development Program,** by preparing airside drainage construction documents and securing an Environmental Resource Permit. This work required coordination with regulatory agencies and included design for 66-inch drainage pipes, revisions to grading plans, and relocation of navigational aids. During construction, we provided shop drawing reviews, RFI responses, and progress reporting, to ensure alignment with design intent and permit conditions.

Collectively, these assignments illustrate HBC's strong working relationship with City departments and BCAD, our ability to address complex regulatory and technical requirements, and our commitment to delivering projects that advance Fort Lauderdale's long-term resilience, multimodal connectivity, and public space enhancement goals.



3. Approach to Scope of Work

HBC

APPROACH TO SCOPE OF SERVICES

Understanding of the City's Needs

HBC understands the City of Fort Lauderdale's objective to deliver a coordinated, citywide sidewalk improvement program that measurably improves pedestrian safety, accessibility, and neighborhood connectivity. These improvements are being implemented across 50–70 sidewalk locations within 17 sites citywide, as identified in the Proposed Sidewalks Page Index, requiring consistent plan quality and standards compliance across a geographically dispersed set of neighborhoods.

Because the program is funded through the Broward County Transportation Surtax, the City requires a high level of accountability for schedule and cost performance, along with complete, construction-ready documentation suitable for bidding and construction. HBC recognizes that meeting these expectations requires more than plan production alone. The City needs a consultant capable of managing multiple locations concurrently, resolving right-of-way (ROW) constraints, coordinating with utilities and permitting authorities, and incorporating public feedback while maintaining production momentum.

HBC also understands that the program will encounter typical urban and residential constraints, including limited ROW, mature trees, encroachments, driveway harmonization, drainage issues, and utility conflicts. The City expects the consultant to anticipate these conditions, address constructability challenges early, minimize change orders, and avoid permitting or procurement delays.

HBC's approach is built around these needs. We will implement a repeatable workflow that scales efficiently across all locations while allowing for site specific solutions where constraints require. The City will be supported through predictable milestones, defined decision points, and clear progress reporting. HBC will actively manage risks related to utilities, drainage, and community impacts while supporting procurement and construction with clear bid documents and timely responses to contractor inquiries, protecting both schedule and budget.

HBC understands that the City of Fort Lauderdale is seeking a qualified consultant to design an ADA compliant sidewalk network that incorporates Complete Streets principles to enhance pedestrian safety, close connectivity gaps, and improve neighborhood mobility in accordance with City standards.

Program Delivery Model for Multi-Location Sidewalk Improvements

A citywide sidewalk program requires a delivery model that supports both standardization and flexibility. **HBC will organize the work into three to four location groupings based on geographic proximity, similar construction typologies, and coordination complexity.** Each grouping will be assigned to a design team enabling accelerating design schedule to meet the 8-months design schedule as noted in the RFQ.

The grouping approach facilitates efficient field work, streamlined utility coordination, consistent plan development, and practical staging of public outreach. It also gives the City control over prioritization and potential phased bidding, if the City elects to bid multiple packages or sequence construction.

This project is ideal for **Simplified Measures and Resourceful Techniques (SMART) approach to design**. HBC has used such techniques in previous projects like the Hollywood Gardens Sidewalk and Hammocks Signage Project where verbal descriptions, tables and simple plan views were used to illustrate in an abbreviated manner the scope of the work.

HBC will apply a standardized baseline of design criteria across all packages. This baseline includes ADA/PROWAG compliance requirements, typical sidewalk section parameters, driveway crossing treatments, curb ramp layouts, detectable warning surfaces, and minimum clear width requirements. We will also apply consistent City standard details, CADD standards, and specification conventions to avoid inconsistencies that create review friction or construction ambiguity.

Within that standardized framework, HBC will tailor design solutions to local constraints. For example, we will evaluate alignment shifts and corridor-specific grading transitions to maintain ADA-compliant cross slopes where existing swales, driveway grades, or existing pavement crowns vary. We will evaluate alternative treatments where tree root zones, poles, or private encroachments limit feasible sidewalk placement. When the field condition indicates that a standard detail will not fit, we will document the constraint, present options, and facilitate a timely City decision supported by cost and schedule impacts.

This program delivery model creates predictable outputs for the City: each package progresses through the same milestone structure, each milestone includes defined deliverables and a cost/schedule check, and each package includes a documented issue log and decision record. This repeatability drives schedule certainty and cost control.

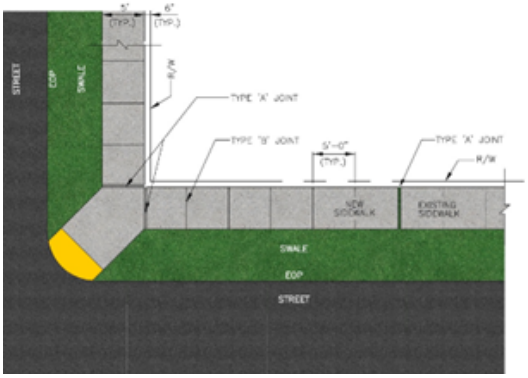
Field Reconnaissance, Data Validation, and Existing Conditions Framework

HBC will begin the technical effort with a structured existing conditions framework that combines field reconnaissance with data validation. For sidewalk programs, early field confirmation consistently reduces downstream redesign and avoids plan ambiguity. **HBC will conduct a block-by-block assessment for each location and complete a full inventory of the existing sidewalks and prepare a condition matrix to be discussed with the city to decide whether to repair, reconstruct, or**

just to fill existing sidewalk gaps. During this time, we will also identify conflicts, and document constraints that influence ADA compliance, drainage performance, and maintenance-of-traffic (MOT) needs.

HBC has prepared an inventory of the existing ROW width and the presence of existing sidewalk for the different project locations.

SITE	EXIT. R/W WIDTH	PROP. SIDEWALK LENGTH PER SCOPE (LF)	EXIST. SIDEWALK LENGTH (LF)	NOTES
1	50’	6136	2848	Existing sidewalk to be evaluated, sidewalk gaps present
2	70’	3853	3853	Existing sidewalk to be evaluated, no sidewalk gaps at this site
3	50’	1415	0	New sidewalk for the entire site
4	50’	3664	1640	Existing sidewalk to be evaluated, sidewalk gaps present
5	40’	6529	3297	Existing sidewalk to be evaluated, sidewalk gaps present
6	45’ (17th Ct) 40’ (12th Terr) 50, (16th Pl)	2212	1816	Existing sidewalk to be evaluated, sidewalk gaps present
7	65’-70’	1633	80	Existing sidewalk to be evaluated, sidewalk gaps present
8	40’	1188	1087	Existing sidewalk to be evaluated, sidewalk gaps present
9	47’-80’	1275	1009	Existing sidewalk to be evaluated, sidewalk gaps present
10	40’ 55’ (NE 4th St & NE 14th Ave)	17104	7065	Existing sidewalk to be evaluated, sidewalk gaps present
11	40’ (16 Terr & 18th Ave) 50’-70’ (19th Ave)	9892	6511	Existing sidewalk to be evaluated, sidewalk gaps present
12	60’-70’	7051	5660	Existing sidewalk to be evaluated, sidewalk gaps present
13	50’	1409	0	New sidewalk for the entire site
14	40’ (SW 9th St) 50’ (17the Ave, 14th Ct & 18th Ave) 40’-85’ (15th Ave)	5652	2348	Existing sidewalk to be evaluated, sidewalk gaps present
15	40’	7137	4290	Existing sidewalk to be evaluated, sidewalk gaps present
16	50’	19398	7566	Existing sidewalk to be evaluated, sidewalk gaps present
17	50’	463	0	New sidewalk for the entire site
TOTAL		96011	49070	



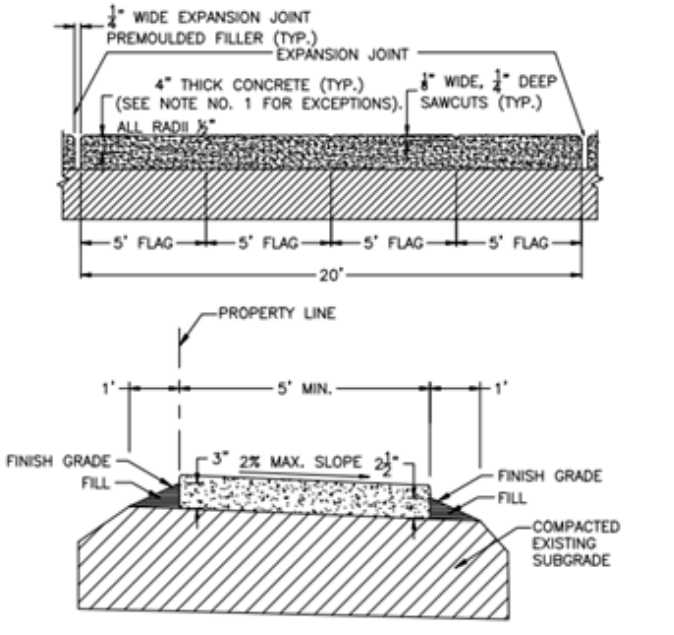
Our field reconnaissance will document sidewalk gaps, existing sidewalk condition, driveway locations and grades, curb and gutter types, curb return geometry at intersections, observed drainage patterns and ponding, and pedestrian crossing conditions. We will also document obstructions that affect clear width such as poles, mailboxes, landscaping, fences, walls, and other features, and we will identify whether those features appear within the public ROW or encroach into it. We will document mature trees, approximate trunk locations, and observed root heave conditions affecting sidewalk alignment and long-term performance.

HBC will validate available record data (ROW maps, utility atlases, studies/reports, prior CIP drawings) against observed field conditions. Where record information conflicts with the field, we will prioritize verification through surveying and utility designation. We will establish a location-specific constraint list that drives design decision-making and supports a transparent discussion with the City about tradeoffs among impacts, cost, and schedule.

The output of this framework is an actionable, design-ready baseline: a location inventory, a constraint register, photo logs, and a prioritized set of design issues per location. This baseline also informs early risk management and allows the City to understand which locations are straightforward and which require enhanced coordination.

Our team's previous experience with the Hollywood Gardens LAP project and multiple Safe Routes to School programs has equipped us to manage the environmental screening, public outreach, stormwater permitting, and stakeholder coordination that this project demands. We understand the nuances of balancing right-of-way (ROW) constraints, utility conflicts, and landscape preservation, particularly in corridors with decorative driveways, planter encroachments, and mature tree canopies.

Survey, Mapping, and Base Model Development



NOTES:

1. A MINIMUM OF 6" THICK SIDEWALK IS REQUIRED AT SIDEWALKS THROUGH DRIVEWAYS AND ON ALL COMMERCIAL SIDEWALK APPLICATIONS.
2. CONCRETE STRENGTH SHALL BE 3000 P.S.I.
3. THE USE OF REINFORCEMENT WILL NOT BE PERMITTED.
4. SIDEWALK SLOPES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

Accurate surveying and base mapping provide the foundation for ADA-compliant and constructible design. HBC will coordinate surveying to capture all elements required for sidewalk geometry, grading, and conflict resolution. Survey limits will focus on the anticipated construction envelope while extending far enough to support transitions at intersections, driveway tie-ins, and drainage conveyance paths.

HBC will establish horizontal and vertical control consistent with City standards. The base mapping will locate edge of pavement, curb, existing sidewalks, driveways, structures within the ROW, visible utilities, trees and significant vegetation, and key drainage features such as inlets and outfalls. We will collect sufficient elevations to support spot-grade design, cross-slope checks, and drainage evaluation. Where sidewalks must be placed in swales, detailed swale grading information is necessary to maintain positive drainage without creating tripping hazards or driveway conflicts.

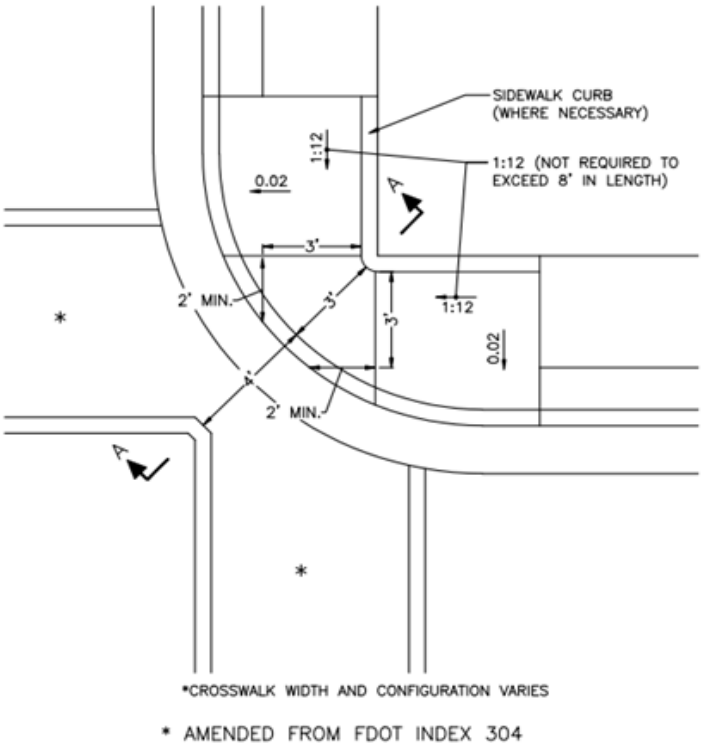
HBC will develop a consolidated base model for each location. The model will support plan sheet

production, quantity takeoffs, and conflict checks. We will maintain disciplined version control so that design updates incorporate the latest verified survey and utility information. This reduces rework and ensures that the City's review comments are applied to the current design baseline rather than an outdated file.

Survey outputs will include planimetric mapping, elevation data for critical features, and the digital surfaces needed for grading checks. The survey baseline will also support public communication by allowing HBC to prepare clear exhibits that illustrate the proposed sidewalk alignment relative to properties, driveways, and existing features.

ADA/PROWAG Compliance Strategy and Design Checks

HBC will design sidewalks, curb ramps, and pedestrian elements to meet current ADA/PROWAG criteria and applicable City standards. We will implement a deliberate ADA compliance strategy that combines upfront design rules with milestone-level verification. For multi-location programs, the highest risk occurs when minor variations in grade or alignment create non-compliant cross slopes, landing slopes, or clear widths in isolated segments; these segments can trigger redesign late in production or require costly field changes.



HBC will apply standard criteria for minimum clear width, maximum running slope and cross slope tolerances, ramp geometry, detectable warning placement, and alignment at pedestrian crossings. We will address driveway crossings using a consistent approach that manages cross slope transitions, avoids abrupt grade breaks, and supports ADA-compliant passage. Where existing driveway grades create unacceptable cross slopes, HBC will evaluate solutions such as localized driveway reconstruction, sidewalk alignment adjustments within the ROW, or graded transitions that maintain accessibility while limiting impacts

HBC will implement ADA spot checks at defined intervals and at all critical locations such as intersections, bus stops, school routes, and crossings. We will document compliance checks at each milestone (30%, 60%, 90%, and 100%) so that City reviewers can trace design decisions. When a constraint makes full compliance infeasible without disproportionate impacts, HBC will document the constraint, develop alternatives, and support the City in selecting the preferred approach based on feasibility, safety, cost, and schedule impacts.

This approach ensures that the final bid set includes consistent, verifiable ADA-compliant designs and that compliance issues are resolved progressively rather than discovered at the end of production.

Context-Sensitive Sidewalk Alignment and Corridor Treatments

HBC will apply context-sensitive design to achieve the City's goals while respecting neighborhood character and existing infrastructure. Many locations

will present competing demands: maintain a continuous sidewalk, preserve mature trees, avoid utility conflicts, maintain swale drainage performance, and minimize impacts to residents. A rigid, one-size-fits-all alignment approach can increase impacts and create avoidable opposition; HBC's approach balances consistent standards with local sensitivity.

For each location, **HBC will evaluate sidewalk placement relative to ROW boundaries, existing pavement, and private improvements. Where mature trees constrain the corridor, we will evaluate alignment shifts, tapering, or short segments of alternative treatments where allowed to reduce root-zone impacts.** Where decorative driveways and landscape features exist, we will identify the necessary construction limits and develop harmonization details that create smooth transitions while preserving aesthetics as feasible within public ROW and City standards.

HBC will also consider operational needs such as maintaining access to homes, ensuring driveway usability during construction, and supporting safe pedestrian routes during staging. This informs our design of temporary pedestrian paths and our maintenance-of-traffic concepts.

The outcome is a sidewalk system that functions as a continuous network rather than isolated segments. It supports pedestrians of all abilities, aligns with the City's safety objectives, and minimizes unnecessary property impacts that can delay delivery.

Utility Coordination and Conflict Resolution Strategy

Utility conflicts represent one of the most common sources of delay and cost growth in sidewalk programs. HBC will implement an early, structured utility coordination process that identifies conflicts, documents options, and supports City decisions. Our process begins with records research and field observations and advances to formal conflict mapping and coordination with utility owners.

HBC will prepare a utility conflict matrix for each package, identifying potential conflicts with poles, guy wires, meters, valves, boxes, and underground lines where known. We will coordinate with the City and utility owners to determine whether avoidance is feasible through alignment shifts or whether relocation is required. Where relocation is required, HBC will define relocation limits and coordinate timing and responsibilities so the City can manage utility work without delaying construction.

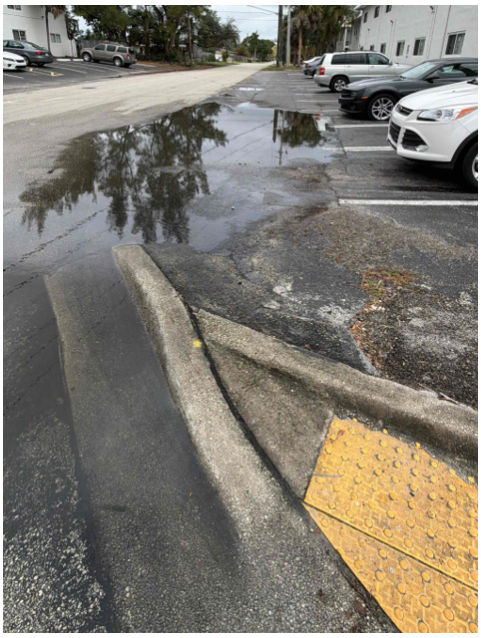
Where the program includes subsurface utility engineering (SUE), HBC will integrate designated utilities into the base model and use the information

to reduce uncertainty. For high-risk conflicts, HBC will recommend targeted verification to reduce the chance of field surprises. We will document utility coordination correspondence and incorporate utility feedback into plan notes and special provisions so that bidders understand requirements and risk is appropriately managed.

This approach minimizes late utility conflicts and supports the City's schedule through early coordination and clear decision points.

Drainage Evaluation and Stormwater Compliance

Sidewalk construction can alter surface drainage patterns by increasing impervious area and changing swale geometry. **HBC will evaluate drainage conditions at each location and identify whether localized improvements are required to prevent ponding and protect adjacent properties.** Our approach focuses on practical, constructible measures that fit within the ROW while meeting applicable Broward County and City criteria.



HBC will document existing drainage issues during field reconnaissance, including observed ponding, low points, and inlet performance. We will evaluate how proposed sidewalk placement will affect flow paths, particularly where sidewalks occupy swale areas or where driveway crossings interrupt conveyance. Where needed, we will incorporate measures such as swale regrading, minor inlets, adjustments to inlet rims, and grading transitions to maintain positive drainage.

HBC will also support permitting needs associated with increased impervious area, including documentation required for Broward County surface water management review and any applicable ERP thresholds. We will prepare the calculations and exhibits needed to demonstrate compliance and will coordinate with the City on permitting strategy to avoid delays. Drainage decisions will be tied to cost and schedule impacts so that the City can make informed choices at each milestone.

By integrating drainage into design rather than treating it as an afterthought, HBC reduces post-construction performance issues and protects the City from maintenance burdens and resident concerns.

Tree Analysis and Landscape Obstruction Mitigation

As part of our scope of work, **the HBC Team will perform a detailed tree analysis and landscape assessment throughout the project corridor to identify conflicts between existing vegetation and the proposed sidewalk alignments. The objective of this analysis is to support the development of context sensitive design solutions that preserve the neighborhood's existing tree canopy while accommodating the construction of ADA compliant pedestrian facilities.** All trees within the project limits will be surveyed and documented and proximity to the proposed sidewalk alignment. Based on this inventory, our team will prepare a tree conflict matrix and impact assessment, identifying trees that may require pruning, relocation, root barrier installation, or, as a last resort, removal.

A tree analysis will be used to inform the horizontal alignment of sidewalks, enabling adjustments that avoid or minimize impacts to significant trees and landscaped areas wherever feasible. In locations where trees obstruct sidewalk construction and avoidance is not practical due to ROW constraints or ADA design requirements, mitigation strategies will be recommended in coordination with the City of Fort Lauderdale. The outcome of the tree analysis will be presented in the

design phase submittals and will serve as a key tool for guiding coordination with City staff and the community on final tree related design decisions. Through this proactive and data driven approach, the HBC Team will deliver a sidewalk network that balances infrastructure improvements with environmental stewardship, preserving the community's landscape character while achieving the project's mobility and accessibility goals.

Public Involvement and Stakeholder Coordination

HBC understands that sidewalk improvements directly affect residents and adjacent stakeholders, and that effective public education and notification play a critical role in maintaining community support and protecting project schedules. HBC will support the City with a structured, scalable public involvement and education approach that is proportional to project impacts, consistent with City practices, and aligned with surtax accountability expectations. Our objective is to reduce surprises, clearly communicate what will change, and provide an organized, transparent path for feedback without compromising delivery timelines.

HBC will coordinate closely with the City to identify stakeholders for each location, including homeowner associations, school representatives where applicable, transit agencies, utility providers, and property owners adjacent to the limits of improvement. As part of our public education and notification assistance, HBC will prepare clear, easy to understand materials such as location maps, exhibits, and standardized talking points that explain the purpose of the sidewalk improvements, anticipated construction activities, expected duration, and potential impacts such as driveway modifications, landscaping adjustments, or mailbox relocations.

Public notifications and educational materials will be structured to support City messaging and may include mailers, email notifications, meeting handouts, and web ready content as directed by the City. These materials will focus on setting realistic expectations, reinforcing pedestrian safety and ADA accessibility benefits, and explaining construction sequencing.

HBC will document all comments received and track commitments made. When feedback identifies a legitimate constructability or safety concern, HBC will evaluate feasible refinements and present options with cost and schedule implications.

Maintenance of Traffic (MOT) and Temporary Pedestrian Accessibility

Our MOT approach consists of preparing TTCP focuses on maintaining safety and mobility for all modes of transportation within the project limits and providing a safe and efficient work zone for the contractor.

Access to each property will be maintained during construction. Even when sidewalk construction occurs on local streets, maintaining safe passage for pedestrians is essential, particularly for individuals with disabilities. HBC will develop MOT concepts and temporary pedestrian access plans that maintain continuity and minimize conflicts during construction. This is especially important near schools, bus stops, and key neighborhood routes.

HBC will evaluate how construction phasing will affect access to homes, driveways, and crossings. We will develop concepts for temporary pedestrian detours, ramps, and signage that direct pedestrians safely around work zones. We will also consider emergency access and neighborhood mobility needs.

HBC will coordinate MOT concepts with City staff and other agencies responsible for roadway operations such as school district, emergency agencies, and law enforcement. MOT and temporary access requirements will be clearly documented in the plans and specifications so bidders understand expectations and can price the work appropriately.

By defining MOT and temporary accessibility requirements early, HBC reduces construction-phase disputes and protects the City's public safety objectives.

Design Submittal Process, Reviews, and Comment Resolution

HBC will manage the design submittal process to support timely City review and efficient comment resolution. Each milestone submittal (15%, 30%, 60%, 90%, and 100%) will include defined content and a clear narrative of what has changed since the prior submittal. This transparency helps reviewers focus on decision items and reduces cycles of re-review. **One strategy to accelerate the design schedule and reduce overall costs is to consolidate or streamline submittal milestones, subject to City review and approval.**

HBC will provide comment response matrices that document each comment, the response, and where the revision appears in the plans or documents. We will maintain an internal issue log to track open items and decision dependencies. When the City's review indicates a policy choice or requires direction on impacts, HBC will elevate the item quickly with options and recommended actions.

This process minimizes schedule risk by keeping reviews productive and ensuring that prior comments are fully addressed. It also ensures that the final bid set reflects a clear, coordinated design basis with documented decisions.

Cost Estimating, Quantity Development, and Budget Discipline

HBC will provide progressive cost estimating and quantity development at each milestone to support the City's budget discipline. For citywide programs, cost control depends on early visibility into cost drivers, consistent estimating assumptions, and prompt scope adjustments when budget constraints emerge.

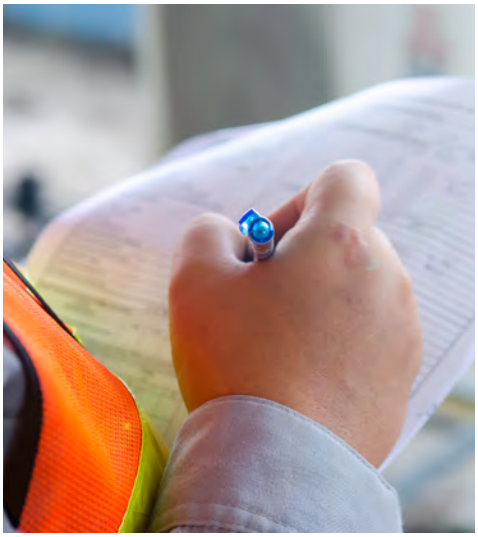
At 30%, HBC will produce a preliminary estimate based on conceptual quantities and typical details. At 60% and 90%, we will refine the estimate using modeled quantities, drainage and MOT requirements, and known utility or driveway adjustments. At 100%, we will produce a final engineer's estimate aligned with bid documents. Throughout the process, we will document assumptions and note risks that could affect costs and cost estimates will be checked to cover all scope components to avoid scope crips.

When estimates indicate a potential budget issue, HBC will present value-focused alternatives that preserve safety and accessibility goals. These alternatives may involve alignment refinements, detail adjustments, or packaging strategies that allow the City to prioritize construction. HBC will not reduce compliance; instead, we will identify practical ways to manage costs while meeting the City's objectives.

This approach gives the City confidence that the design will remain aligned with available funding and that the bid package will not surprise the City with unanticipated cost exposure.

Quality Control, Quality Assurance (QA/QC), and Constructability Reviews

HBC will implement a rigorous quality process to ensure that deliverables are accurate, consistent, and constructible. **Our QA/QC process is structured to protect the City from post-bid change orders, a critical concern when delivering multiple surtax-funded sidewalk projects concurrently.** For multi-location programs, quality control must prevent small inconsistencies that can generate confusion during bidding or cause field errors during construction.



HBC's QA/QC and constructability review approach includes independent reviews, discipline coordination checks, and constructability-focused evaluations at each milestone. Quality control (QC) reviews will verify CADD standards compliance, plan completeness, ADA criteria, drainage logic, and alignment consistency across plan sets. Constructability reviews will evaluate whether the design can be built efficiently given site access conditions, staging constraints, utility realities, and typical contractor means and methods. Where constructability issues are identified, HBC will revise the design or clarify requirements in the plans and specifications.

Quality assurance (QA) includes verification that review comments have been properly incorporated and that plan sets remain internally consistent. HBC will provide the City with a QC certification statement as appropriate and maintain documented checklists demonstrating completion of required reviews. This disciplined approach reduces rework, supports confident bidding, and decreases the likelihood of change orders during construction.

Permitting and Agency Coordination

HBC will support the City by preparing permitting documentation and coordinating with agencies that have jurisdiction over elements of the work. Sidewalk programs commonly trigger drainage-related reviews, tree impacts, and potential permitting for modifications within regulated areas. Early clarity on permitting requirements reduces schedule risk.

HBC will identify permitting pathways early, based on the scope of drainage modifications and the extent of impervious area changes. We will prepare exhibits, calculations, and narratives needed for submittals and will coordinate with agency reviewers to resolve questions. We will also coordinate with City departments and other stakeholders for approvals related to ROW, traffic control, and construction staging.

This project qualifies for a permit exemption under FAC 62-330.051 Section 4 (c) since the scope consists of sidewalk construction having a width of six feet or less. This will be discussed with SFWMD early in the design phase.

HBC's permitting approach is integrated with schedule management. We will align design milestones with permitting submittals so that permits do not become a late-stage blocker. Where agency review durations are uncertain, HBC will build mitigation measures into the schedule and keep the City informed of critical path risks.

Coordination with Adjacent Projects and City Capital Programs

Citywide sidewalk improvements often intersect with other City initiatives such as paving programs, utility upgrades, streetscape projects, and transit improvements. HBC will coordinate with the City to identify adjacent projects that could affect design assumptions, construction staging, or schedule. When adjacent projects exist, HBC will ensure that sidewalk designs do not conflict with planned improvements and that opportunities for coordination are captured.

This coordination includes verifying whether pavement resurfacing is planned along a segment, whether utilities will be upgraded, and whether other improvements will modify curb lines or drainage structures. When coordination opportunities exist, HBC will recommend sequencing strategies that reduce rework and avoid constructing improvements that will be disturbed by subsequent work.

By integrating adjacent project coordination into design development, HBC protects the City's investment and reduces the risk of redundant construction costs by avoiding rework and/or throw away work.

Proposed Project Schedule and Milestone Management

HBC will manage the project using a detailed Critical Path Method (CPM) based schedule that reflects the City's milestone expectations and the realities of multi-location coordination. We will define milestones for each location, including kickoff, field data completion, each design submittal, review periods, comment resolution, permitting, and final bid document production.

Breaking down this multi-location project into smaller projects or grouping

for each design team allow us to effectively manage the design progress, allow resources sharing, collective conflict resolution in order to effectively accelerate the design schedule to meet the 8-month design schedule and ensuring a design completion before December 5, 2026.

HBC will update the schedule regularly and will highlight critical path items such as permitting, utility coordination decisions, and public outreach dependencies. We will tie schedule updates to progress reporting so the City can track performance objectively.

HBC will also structure internal production to support schedule certainty. We will establish internal target dates ahead of City submittal dates to allow time for QA/QC and coordination. This buffer reduces the likelihood that late internal revisions compromise submittal quality.

This schedule management approach provides the City with predictable deliverables and supports on-time delivery to procurement and construction.

Project Management Team Roles, Communications, and Reporting

HBC has assigned **Hernan Lugo, PE, CFM,** a dedicated Project Manager responsible for overall coordination, schedule control, budget management, and communication with the City. Discipline leads will support roadway/ sidewalk design, drainage, utilities, MOT, and public involvement. HBC will maintain clear lines of responsibility so that decisions are timely and accountability remains explicit.

HBC will implement a communications plan that defines meeting cadence, deliverable routing, decision protocols, and issue escalation paths. Regular progress meetings will focus on action items, decisions needed, and critical path constraints. Monthly reporting will summarize progress, upcoming milestones, risks, and mitigation actions.

This structured communication approach ensures that the City remains informed, that decisions are captured, and that the program maintains momentum across multiple concurrent locations.

Risk Management and Issue Resolution Framework

HBC will actively manage risks throughout the program using a structured risk and issue framework. Sidewalk programs typically face risks related to utilities, drainage permitting, ROW constraints, tree impacts, and stakeholder concerns. HBC will identify these risks early, assess likelihood and impact, and develop mitigation actions tied to schedule and budget.

For example, where utilities present high conflict potential, HBC will prioritize early coordination and verification. Where drainage conditions indicate potential permitting complexity, HBC will advance calculations and exhibits early to clarify requirements. Where public impacts may be significant, HBC will coordinate communication early and provide the City with clear exhibits to support outreach.

HBC will maintain an issue log that tracks each risk and issue to closure. This log will document responsible parties, target dates, and required City decisions. This disciplined approach reduces uncertainty and supports predictable delivery.

Community Business Enterprise (CBE) Participation Plan

HBC is fully committed to meeting and supporting the City's 30% Community Business Enterprise (CBE) participation goal. We will structure our staffing and work allocation to provide meaningful participation across technical and support services while maintaining quality and schedule performance.

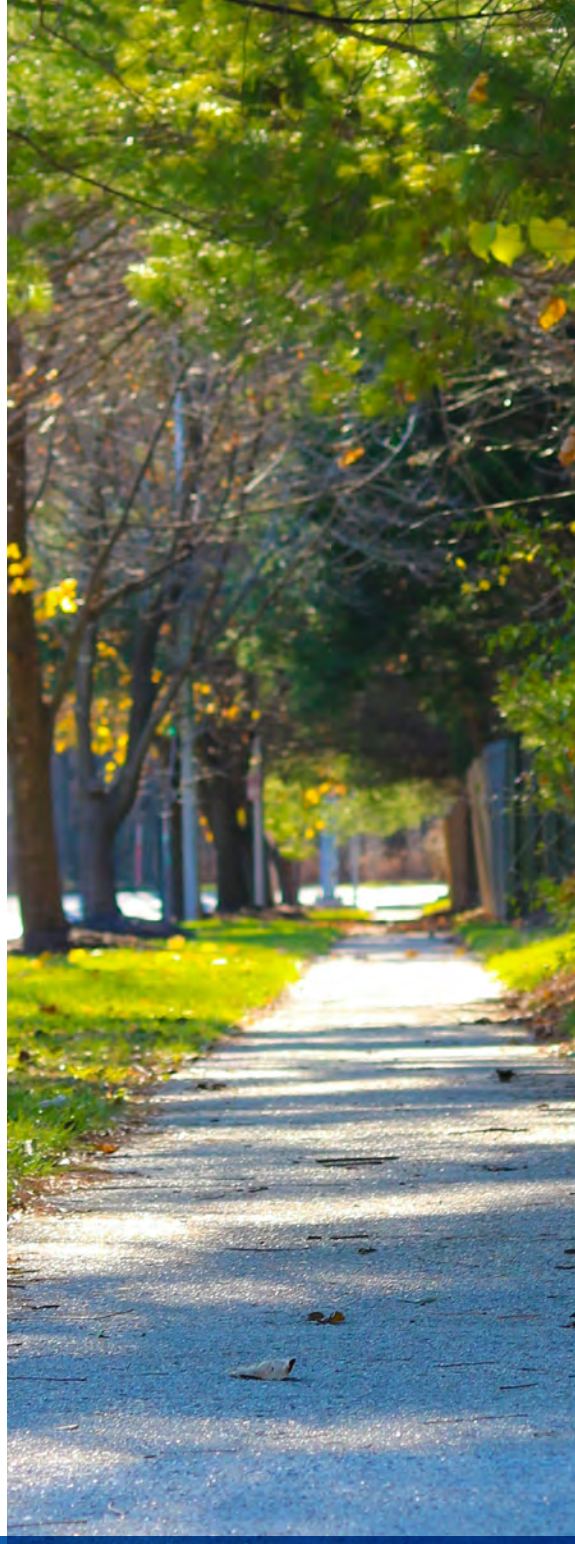
HBC Team consists of qualified CBE firms for disciplines such as Longitude Surveyors for surveying and subsurface utility engineering (SUE) support, Arehna Engineering for geotechnical engineering and material testing, and Media Relations Group (MRG) for public involvement support. We will integrate these CBE firms into the schedule, assign clear deliverables, and include them in coordination meetings when their work interfaces with critical path items.

HBC will track participation throughout the program and will provide reporting to the City consistent with City requirements. This approach supports compliance and ensures that participation is measurable, transparent, and aligned with program success.

Conclusion and Commitment to On-Time, On-Budget Delivery

HBC offers the City of Fort Lauderdale a disciplined and scalable approach to delivering the RFQ Design of Sidewalk Improvements Citywide Program. Our methodology is built to manage multi-location complexity while maintaining consistent standards, clear decision points, and strong quality controls. We will deliver field-informed, ADA-compliant, constructible designs supported by proactive utility and drainage coordination and practical public outreach support.

HBC will manage scope, schedule, and budget with disciplined project controls and progressive cost estimating. We will maintain transparent communication with the City and provide predictable milestone deliverables supported by complete comment responses and documented decisions. We will support the City's procurement and construction phases with clear bid documents and responsive technical support.



4. References

HBC

City of Fort Lauderdale

REFERENCES FORM

A minimum of three (3) references shall be provided

NOTE: - items with asterisk (*) are mandatory

Bidder Company Name*	HBC Engineering Company		
Key Contact Name*	Adebayo Coker, PE	**Title**	President
Email*	proposals@hbcengineeringco.com	**Phone***	305-232-7932

References

Note: References will be contacted via emails with Key Contact Copied

1. Ref. Company Name	Florida Department of Transportation D4		
Address	3400 W Commercial Blvd, Fort Lauderdale, FL 33309		
Contact Name	James Hughes, PE	Title	Consultant Management PM-Supervisor
Email*	James.hughes@dot.state.fl.us	Phone	(954) 777-4419
Contract/Project Value ($)		Year	
Project Title*	Hallandale Beach Blvd From SR7 to Lakeshore Dr.		
Project Description	***Project Description see Page. 69***		

2. Ref. Company Name	Florida Department of Transportation D4		
Address	3400 W Commercial Blvd, Fort Lauderdale, FL 33309		
Contact Name	Kenzot Jasmin, PE	Title	Project Manager
Email*	Kenzot.Jasmin@dot.state.fl.us	Phone	(954) 777-4462
Contract/Project Value ($)		Year	
Project Title*	Hollywood Gardens Sidewalk Project		
Project Description	***Project Description see Page. 70***		

3. Ref. Company Name	Florida Department of Transportation D4		
Address	3400 W Commercial Blvd, Fort Lauderdale, FL 33309		
Contact Name	Henry Oaikhena, PE	Title	Project Manager Supervisor
Email*	Henry.Oaikhena@dot.state.fl.us	Phone	(954) 777-4445

City of Fort Lauderdale

REFERENCES FORM

A minimum of three (3) references shall be provided

Contract/Project Value ($)		Year	
Project Title	SW 30 Ave from Griffin Rd. to SW 45 St.		
Project Description			
	Project Description see Page. 71		

4. Ref. Company Name	Florida Department of Transportation D4		
Address	3400 W Commercial Blvd, Fort Lauderdale, FL 33309		
Contact Name	Robert Lopes, PE	Title	Project Manager
Email*	robert.lopes@dot.state.fl.us	Phone	(954) 777-4425
Contract/Project Value ($)		Year	
Project Title*	SR 7/US 441 Transit Corridor Improvements		
Project Description			
	Project Description see Page. 72		

5. Ref. Company Name	Florida Department of Transportation D4		
Address	3400 W Commercial Blvd, Fort Lauderdale, FL 33309		
Contact Name	Lance Jones, PE	Title	Project Manager
Email*	lance.jones1@dot.state.fl.us	Phone	(954) 777-4680
Contract/Project Value ($)		Year	
Project Title*	Corridor Improvements at SR-817/University Drive from Nova Drive to SR-84		
Project Description			
	Project Description see Page. 73		

SR-858/Hallandale Beach Boulevard from SR-7/US-441 to Lakeshore Drive

FDOT District 4

Location
Hallandale Beach, FL

Dates
2014 - 2015

Budget
HBC Fee: $900K
Construction Cost: $7M

Reference
Jim Hughes, PE
(954) 777-4419
james.hughes@
dot.state.fl.us
3400 W Commercial Blvd,
Fort Lauderdale, FL 33309

Key Components
Design services, resurfacing, ADA and bicycle improvements, drainage upgrades, signal and signage enhancements.

Relevance to the Scope

1. FDOT RRR Design
2. Bicycle & Pedestrian Upgrades
3. Drainage Evaluation & Design
4. Signalization & Safety Enhancements
5. Utility Coordination & Compliance

HBC was selected by the Florida Department of Transportation (FDOT) to provide professional engineering design services for the Resurfacing, Restoration, and Rehabilitation (RRR) project along SR-858/Hallandale Beach Boulevard, from east of SR-7/US-441 (MP 0.233) to west of Lakeshore Drive (MP 2.176), for a total project length of approximately 1.943 miles (10,259 feet). Within the project corridor, SR-858 is a divided four-lane urban roadway consisting of two 12-foot-wide travel lanes in each direction, a raised median, 6-foot-wide shoulders (5 feet paved and 1 foot unpaved), and 5-foot-wide sidewalks on both sides.

As prime consultant, HBC developed the master plan, design criteria package, and construction documents in accordance with FDOT standards and field conditions. The scope included pavement milling and resurfacing, ADA-compliant sidewalk and ramp upgrades, widening shoulders for a 5-foot bike lane, restoration of grass swales, and drainage evaluation and design to address ponding and improve stormwater conveyance.

Additional elements of the scope included roadway geometry review, typical section development, utility coordination, and preparation of signing and pavement marking plans. The project also required signalization design and replacement at designated intersections to enhance operational efficiency and safety. All work was coordinated closely with FDOT District 4 staff to ensure compliance with project requirements, permitting needs, and constructability standards.

This project was completed on time and on budget.

Hollywood Gardens Sidewalk Complete Streets Project

Florida Department of Transportation (FDOT) District 4

HBC provided design services for a Broward MPO funded Complete Streets project in the Hollywood Gardens Beach area known as the Hollywood Big X. The project focused on improving pedestrian and bicycle connectivity, access to commercial areas and transit, and traffic calming. HBC prepared construction documents for interconnected sidewalks, bike lanes, drainage improvements, lighting upgrades, utility coordination, parking layout, landscape adjustments, permitting, SWPPP, and Temporary Traffic Control Plans.

Key design challenges addressed included:

- Resolving conflicts where new sidewalks intersect existing driveways, private landscaping, and encroachments (fencing, parking)
- Installing roadside ditches, French drains, and bioswales for drainage mitigation
- Retrofitting sidewalk-to-road connections with truncated domes or per Index 304
- Ensuring all existing median openings remain unchanged
- Restriping 4-foot shared shoulders
- Coordinating with utilities to resolve conflicts with proposed improvements
- Upgrading ADA ramps to comply with current standards

HBC's design approach prioritized community integration, regulatory compliance, and long-term functionality.

This project was completed on time and on budget.

Location
Hollywood, FL

Dates
01/2015 - 01/2019

Budget
HBC Fee: $555K

Construction Cost: $3.5M

Reference
Kenzot Jasmin, PE
(954) 777-4462
kenzot.jasmin
@dot.state.fl.us
3400 W Commercial Blvd,
Fort Lauderdale, FL 33309

Key Components
Sidewalk network design, Bicycle facilities, Drainage improvements, Utility coordination, Lighting upgrades, Parking layout, Landscape adjustments, Right-of-way coordination, Permitting, Construction documentation, ADA compliance, Traffic control planning, Community integration.

Relevance to the Scope

1. LAP-Funded Experience
2. Complete Streets Expertise
3. City of Hollywood Familiarity
4. Drainage & ADA Upgrades
5. Comprehensive Design Services

Funded by
Local Agency Program (LAP)

Widening of SW 30th Avenue from Griffin Road to SW 45th Street

Florida Department of Transportation (FDOT) District 4

HBC provided design services for the widening of SW 30th Avenue from two to four lanes between Griffin Road and SW 45th Street, with additional signing and pavement markings extending to SW 42nd Street. The Broward County-operated corridor was upgraded to improve safety, operational efficiency, and long-term performance. Improvements included new bike lanes, sidewalk gap closures with ADA compliance, upgraded lighting, drainage enhancements, traffic signal retrofits, new signing and pavement markings, and added landscaping.

HBC delivered comprehensive design and coordination services, including field reviews and stakeholder coordination, community engagement through a Community Awareness Plan, utility and environmental permitting coordination, and detailed roadway, pavement, drainage, lighting, and structural design. The team also managed geotechnical investigations, right of way coordination, and preparation of construction plans at the 60, 90, and 100 percent design milestones to support efficient project delivery.

This project was completed on time and on budget.

Funded by
Local Agency Program (LAP)

Location
Dania Beach, FL

Dates
2013 - 2017

Budget
HBC Fee: $637K

Reference
Henry Oaikhena, PE
(954) 777-4445
Henry.Oaikhena@dot.state.fl.us
3400 W Commercial Blvd, Fort Lauderdale, FL 33309

Brent Lee Shue Ling
(954) 777-4075
brent.lee-shue-ling@dot.state.fl.us
3400 W Commercial Blvd, Fort Lauderdale, FL 33309

Key Components
Roadway widening, Pavement design, Bike lanes, Sidewalk improvements, ADA compliance, Lighting design, Drainage upgrades, Signalization, Utility coordination, Environmental permitting, Community engagement, Right-of-way coordination, Construction documentation.

Relevance to the Scope
1. Roadway Capacity Expansion
2. Multimodal and ADA Enhancements
3. Comprehensive Utility and Permitting Coordination

SR 7/US 441 Transit Corridor Improvements

Florida Department of Transportation (FDOT) District 4

Location
Broward County, FL

Dates
10/2018 - Ongoing

Budget
HBC Fee: $722K
Construction Cost: $4.4M

Reference
Robert Lopes, PE
(954) 777-4425
robert.lopes@
dot.state.fl.us
3400 W Commercial Blvd,
Fort Lauderdale, FL 33309

Key Components
Major & Minor Highway Design, S&PM, Channelization, Lighting, Signalization

Contract No.
FPID 429576-2-52-01
FPID 429576-3-52-01

Relevance to the Scope

1. Transit Corridor Enhancements
2. Multimodal Infrastructure Improvements
3. Signalization and Lighting Upgrades
4. Comprehensive Design and Coordination
5. Task-Based Work Order Delivery

HBC provided design services for Transit Corridor Improvements along SR 7 US 441 to enhance transit passenger access and improve bicycle and pedestrian mobility and safety. The work included preparation of construction documents based on current criteria and field conditions, development of a Community Awareness Plan, roadway and drainage reviews, signing and pavement markings, utility and permitting coordination, pedestrian signal and lighting upgrades, sidewalk and bicycle facilities, and landscaping enhancements.

The contract was delivered through multiple task work orders covering key segments of SR 7 US 441, Hallandale Beach Boulevard, and Sunrise Boulevard. Improvements included intersection upgrades, new and upgraded sidewalks and bike lanes, shared use paths, pedestrian crossings with lighting and RRFBs, and trail connections along canal corridors. HBC also completed drainage and landscaping design and coordinated permitting with SFWMD to support multimodal connectivity and corridor safety.

This project was completed on time and on budget.

Funded by
Local Agency Program (LAP)

Corridor Improvements at SR-817/University Drive from Nova Drive to SR-84

Florida Department of Transportation (FDOT) District 4

This project encompasses a series of critical roadway and infrastructure improvements along SR-817/University Drive, extending from Nova Drive to SR-84. The enhancements aim to improve traffic flow, safety, and accessibility for the surrounding community. One of the key upgrades includes the widening of the existing pavement to accommodate a proposed auxiliary lane extending from NW 23rd Street to connect seamlessly to the westbound I-595 ramp. This improvement is expected to reduce congestion and facilitate smoother traffic transitions.

To support these changes, several relocations are planned, including the adjustment of existing drainage structures, overhead signs, a mast arm, and utility poles. These modifications will ensure that the expanded roadway maintains its functionality while meeting modern safety and design standards. Additionally, the project involves the reconfiguration of the bus stop bay located at the northeast corner of Nova Drive and University Drive, improving accessibility and convenience for public transportation users.

Further refinements include the reconfiguration of right-turn lanes serving the Royal Grand community, PNC Bank, and Nova Drive. These changes aim to enhance traffic efficiency and provide safer turning movements for vehicles accessing these locations. Overall, this project reflects a comprehensive approach to improving transportation infrastructure in a growing urban area.

This project is on track to be completed on time and on budget.

Location
Plantation, FL

Dates
3/2020 - Ongoing

Budget
Construction Cost: $7M

Reference
Lance K. Jones, Jr.
(954) 777-4680
lance.jones1@
dot.state.fl.us
3400 W Commercial Blvd,
Fort Lauderdale, FL 33309

Contract No.
445624-1-52-01

Key Components
Roadway widening, Auxiliary lane addition, Drainage adjustments, Sign relocations, Utility relocations, Bus stop reconfiguration, Turn lane modifications, Traffic flow improvements, Safety enhancements, Accessibility upgrades.

Relevance to the Scope

1. Roadway Widening and Capacity Improvements
2. Traffic Flow and Safety Enhancements
3. Drainage and Utility Relocations
4. Transit Accessibility Upgrades
5. Intersection and Turn Lane Reconfigurations

PD&E Study at Johnson Street from North 30th Road to North Dixie Highway

City of Hollywood

Location
Hollywood, FL

Dates
03/2023 - 07/2023

Budget
HBC Fee: $150K

Reference
Dr. Wazir Ishmael
City Manager
(954) 921-3201
wishmael@hollywoodfl.org
2600 Hollywood Blvd,
Hollywood, FL 33020

Contract No.
HOLL-038

Key Components
Limited Topographic Survey, Data Collection, Development of Conceptual Design Alternatives, Traffic Analysis of the Alternatives, and Public Involvement Coordination

Relevance to the Scope

1. Complete Streets Planning
2. Multimodal Safety Enhancements
3. Drainage and Stormwater Improvements
4. Public Involvement and Traffic Analysis
5. Community Impact and Sustainability

Funded by Broward County's Penny for Transportation initiative, this PD&E study focuses on transforming Johnson Street in Hollywood, Florida into a safer, more efficient Complete Streets corridor. The project improves mobility and safety for all users through new sidewalks, bicycle lanes, traffic calming, enhanced crosswalks, lighting and signal upgrades, drainage improvements, and landscaping enhancements to address flooding and enhance corridor character.

HBC is responsible for evaluating and refining selected alternatives to optimize corridor performance. Key elements include reconstructing the existing 2-lane, 2-way roadway with a center turn lane, adding new transit bus stops, and developing a comprehensive drainage system within the existing right of way. The PD&E effort also includes a limited topographic survey, extensive data collection, conceptual design development, and detailed traffic analysis of proposed alternatives.

Public involvement is a critical component of the study, ensuring the project reflects community needs and expectations. Overall, the project supports Broward County's Complete Streets goals by promoting multimodal travel, improving safety, enhancing traffic operations, and contributing to a more connected, resilient, and vibrant community.

This project was completed on time and on budget.

Funded by
Local Agency Program (LAP)

SR 7 / NW 7th Ave Safety Improvements

Florida Department of Transportation (FDOT) D6

HBC Engineering Company provided design and post design support services for roadway improvements along a one-mile segment of SR-7/NW 7th Avenue, from south of NW 118th Street to NW 131st Street, under contract with FDOT District 6 and in coordination with the Miami-Dade County Parks and Recreation Department. The scope included Signing and Pavement Marking (S&PM), Roadway Lighting, and Traffic Signalization enhancements to improve safety, visibility, and operations along the four-lane arterial.

HBC prepared construction plans for all disciplines, including tabulation sheets, plan sheets, general notes, mast arm layouts, AGI-32 lighting calculations, and power source coordination. Lighting efforts focused on NW 125th to NW 131st Streets, supported by field review and photometric analysis. The team also provided quality control, temporary signal layouts, and agency coordination to meet FDOT standards.

Post design support included participation in pre-construction meetings, RFI responses, shop drawing reviews, design clarifications, and field visits to verify construction compliance. HBC also supported closeout activities, including final inspections and punch list resolution. All services were completed under the supervision of a licensed Florida Professional Engineer and in accordance with applicable design standards.

This project was completed on time and on budget.

Location
Miami-Dade County

Dates
2011

Budget
HBC Fee: $1.5 M

Reference
Jose Barrera, PE
Jose.Barrera
@dot.state.fl.us
(305) 470-5100
1000 NW 111th Ave,
Miami, FL 33172

Key Components
design of signing and pavement marking, roadway lighting design, signalization design, lighting calculations using AGI-32, plan sheet development, mast arm layout and structural sheets, coordination with FDOT and Miami-Dade County, quality control reviews, post design RFI responses, shop drawing reviews, construction document clarifications, field visits, support for final inspection and project closeout.

Contract No.
256481

Relevance to the Scope

1. Signalization and Lighting Design Expertise
2. Post Design Support Services
3. Urban Arterial Corridor Improvements
4. Coordination with Local Agencies

SW 147th Ave. Reconstruction from SW 17th St. to SW 26th St.

Miami-Dade County (MDC) Parks, Recreation and Open Spaces (PROS)

HBC was selected by the Miami-Dade County Parks and Recreation Department as the prime consultant for roadway design, construction documents, and specifications for the reconstruction and widening of SW 147th Avenue from SW 17th Street to SW 26th Street. The project extended SW 147th Avenue from SW 23rd Street to NW 17th Street and widened the roadway from one to two lanes in each direction from SW 26th Street to SW 23rd Street. Services included horizontal and vertical geometry, milling and resurfacing, roadway reconstruction, sub-soil excavation, ADA ramp upgrades, drainage design and evaluation, sidewalk construction and repair, design reports, maintenance of traffic, and signing and pavement marking. A key achievement was the geometric realignment of the roadway to minimize impacts to a hardwood tree island between NW 23rd Street and NW 17th Street using a reduced roadway footprint. The project required extensive coordination with DERM (Class IV), SFWMD (ERP), USACE, Miami-Dade Public Works (ROW dedication), WASD (water main relocation), FDEP (NOI), and EQCB (variance petition). The design followed Miami-Dade Public Works standards and met all applicable federal, state, and local regulatory requirements. HBC Project Manager Adebayo Coker, PE, led the design and preparation of construction plans, including drainage, pavement design, cross sections, lighting, MOT, and coordination with stakeholders. He reported progress monthly to Ms. Lydia Salas, PE, of Miami-Dade Parks and Recreation.

This project was completed on time and on budget.

Location
Miami, FL

Dates
6/2008 - 10/2013

Budget
HBC Fee: $140K
Construction Cost: $1.3M

Reference
Lydia Salas, PE
(305) 755-5456
lsalas@miamidade.gov
275 NW 2nd Street Miami, Florida 33128

Contract No.
EDP-2011

Key Components
Roadway Reconstruction and Widening

Relevance to the Scope
1. Lighting and Electrical Design Expertise
2. Permit-Ready Construction Documentation

Lighting Design for SR-820/Pines Boulevard from West of SW 136th Avenue to East of NW 118th Avenue

Florida Department of Transportation (FDOT) District 4

Location
Pembroke Pines, FL

Dates
2023 - Ongoing

Reference
Jamie Polidora, PE
(954) 777-4633
jamie.polidora
@dot.state.fl.us
3400 W Commercial Blvd,
Fort Lauderdale, FL 33309

Contract No.
FPID No. 446200-1-32-01

Key Components
Lighting Analysis, Post Design Services, Utility Coordination

Relevance to the Scope

1. Lighting Design and Analysis
2. Pedestrian Safety Enhancements
3. Intersection Retrofits
4. Comprehensive Deliverables Package
5. Utility and Structural Coordination

HBC is providing comprehensive Lighting Design and Post Design Services for the SR-820/Pines Boulevard corridor, spanning from west of SW 136th Avenue to east of NW 118th Avenue. Our goal for this project is to enhance safety and visibility for both pedestrians and drivers by delivering innovative lighting solutions tailored to this busy corridor.

Our services include a detailed Lighting Analysis and the creation of precise Lighting Plan sheets to meet the illumination standards set by the Florida Department of Transportation (FDM). The project will introduce pedestrian-scale lighting along a newly widened 10-foot sidewalk, as well as retrofit existing lighting at key intersections, including NW 142nd Avenue, NW 136th Avenue, SW 129th Avenue, S Flamingo Rd., and NW 118th Avenue, enhancing visibility at these critical crossing points.

Additionally, we will produce a comprehensive Lighting Design Analysis Report, detailing photometric requirements and the specified illumination levels. Our deliverables will feature plan sheets outlining all lighting improvements, pay items, plan notes, and the digital delivery of all documentation. Beyond lighting design, we will address any minor structural design needs, propose new load centers, perform voltage drop calculations, and coordinate closely with utility providers to ensure seamless integration with the existing infrastructure.

This project is on track to be completed on time and on budget.

Design-Build Services for The Underline - Phase II

Miami-Dade County Department of Transportation and Public Works

HBC is providing project management for the Design Build delivery of Phase II of The Underline, a transformative 2.4 mile urban trail and public space extending from SW 13th Street to SW 19th Avenue near the Vizcaya Metrorail Station. This phase continues the revitalization of underutilized land beneath Miami's Metrorail by integrating multimodal connectivity, public amenities, and environmental enhancements to create a safe and vibrant urban corridor connecting Downtown Miami with surrounding neighborhoods.

HBC's role includes coordination of civil engineering, landscape architecture, electrical design, surveying, geotechnical engineering, permitting, and public involvement. Key features include off street pedestrian and bicycle facilities, signing and pavement markings compliant with MUTCD, FDOT, and ADA standards, enhanced landscaping and lighting, and environmental and archaeological compliance. Through close coordination with Miami Dade County, the City of Miami, utilities, and community stakeholders, Phase II of The Underline will deliver a resilient public space that supports mobility, sustainability, and long term community engagement.

This project is on track to be completed on time and on budget.

Location
Miami, FL

Dates
12/2019 - Ongoing

Budget
HBC Fee: $32K
Construction Cost: $20M

Reference
Diego Gonzalez
(305) 615-3272
dgonzalez@Lead-ec.com
701 NW 1st Court, Suite 1700, Miami, FL 33136

Key Components
Urban trail, pedestrian and cyclist pathways, signage, pavement markings, landscaping, lighting, street furniture, environmental compliance, permitting, public involvement, stakeholder coordination.

Relevance to the Scope

1. Design-Build Project Management
2. Multimodal Connectivity Enhancements
3. Public Space and Landscape Design
4. Environmental and Archaeological Compliance
5. Stakeholder and Community Coordination

CEI Services for Belvedere Heights Phase 1 & 2 Sidewalks and Streetlight

Palm Beach County

HBC provided comprehensive Construction Engineering and Inspection (CEI) services for this infrastructure improvement project, ensuring all construction activities were completed in accordance with project specifications, regulatory standards, and safety protocols. HBC was responsible for day-to-day inspection, documentation, and quality assurance of the contractor's work, as well as coordination with project stakeholders to facilitate timely progress and issue resolution.

HBC coordinated closely with the contractor and subcontractors during construction of new 6-foot sidewalks, partial driveway reconstruction, drainage structures, and street lighting with associated electrical components. The scope included directional boring, spread footing foundations, site restoration, and implementation and monitoring of Maintenance of Traffic plans to ensure pedestrian and vehicular safety.

In addition, HBC managed utility coordination efforts with several Utility/ Agency Owners (UAOs), including Verizon, Florida Public Utilities, Florida Power & Light, Palm Beach County Water Utilities, and West Palm Beach Water Utilities. These efforts ensured that existing utilities were protected or relocated as needed, minimizing service disruptions and maintaining compliance with utility standards. HBC's oversight played a critical role in maintaining construction quality, minimizing delays, and delivering a successful project outcome.

This project was completed on time and on budget.

Location
West Palm Beach, FL

Dates
2021 - 2022

Budget
HBC Fee: $575K

Reference

Zachary King
(561) 684-4178
zking@pbcgov.org
301 N. Olive Avenue,
West Palm Beach, FL 33401

Scope of Services
Construction oversight, Sidewalk reconstruction, Driveway modifications, Drainage installation, Street lighting installation, Utility coordination, Subcontractor management, Foundation construction, Sodding, Maintenance of Traffic.

Relevance to the Scope

1. LAP Experience
2. Sidewalk and Lighting Scope
3. Utility Coordination
4. MOT and Safety
5. Construction Oversight

Funded by
Local Agency Program (LAP)

CEI Services for Roadway, Sidewalk, & Pedestrian Lighting Improvements Project at Cherry Road from Military Trail to Quail Drive

Palm Beach County

HBC is providing Construction Engineering & Inspection (CEI) services for the complete streets improvements along Cherry Road in Palm Beach County (PBC). The HBC CEI Team handles all project management as well as inspections under this specific project under a blanket task work order contract with PBC.

The project includes construction of an 8-foot sidewalk on the north side of Cherry Road and a 6-foot sidewalk on the south side from N. Military Trail to Quail Road, excluding the bridge segment. The scope also includes milling and resurfacing, roadway widening, signing and pavement markings, pedestrian-scale lighting, and landscaping to improve traffic flow and pedestrian safety.

HBC's CEI Team is responsible for conducting bi-weekly progress meetings, maintaining accurate daily reports, verifying quantities and work compliance, documenting changes in field conditions, supporting the interpretation of plans and specifications, and providing input on potential resolutions for construction issues, managing invoices, assisting Palm Beach County with state funding packages for reimbursement, facilitating daily inspections, and handling all documentation for project closeout, including a comprehensive punch list as well as inputting accurate data entry into GAP and organizing all project documentation for timely reimbursement submissions of the allocated federal funds.

This project is on track to be completed on time and on budget.

Location
Westgate, FL

Dates
2024 - Ongoing

Budget
HBC Fee: $60K
Construction Cost: $1.21M

Reference
David West
(561) 684-4180
DWest1@pbc.gov
301 N. Olive Avenue
West Palm Beach, FL 33401

Contract No.
2021025
CSA No. 6

Key Components
Milling & Resurfacing, Variable Width Sidewalk, Pedestrian Lighting, ADA Improvements.

Relevance to the Scope

1. CEI Project Management
2. Complete Streets Scope
3. Sidewalk & Lighting Installation
4. Documentation & Compliance
5. Federal Funding Coordination

Funded by
Local Agency Program (LAP)

SR A1A Fort Lauderdale Beach Streetscape

KCI Role

Prime Consultant

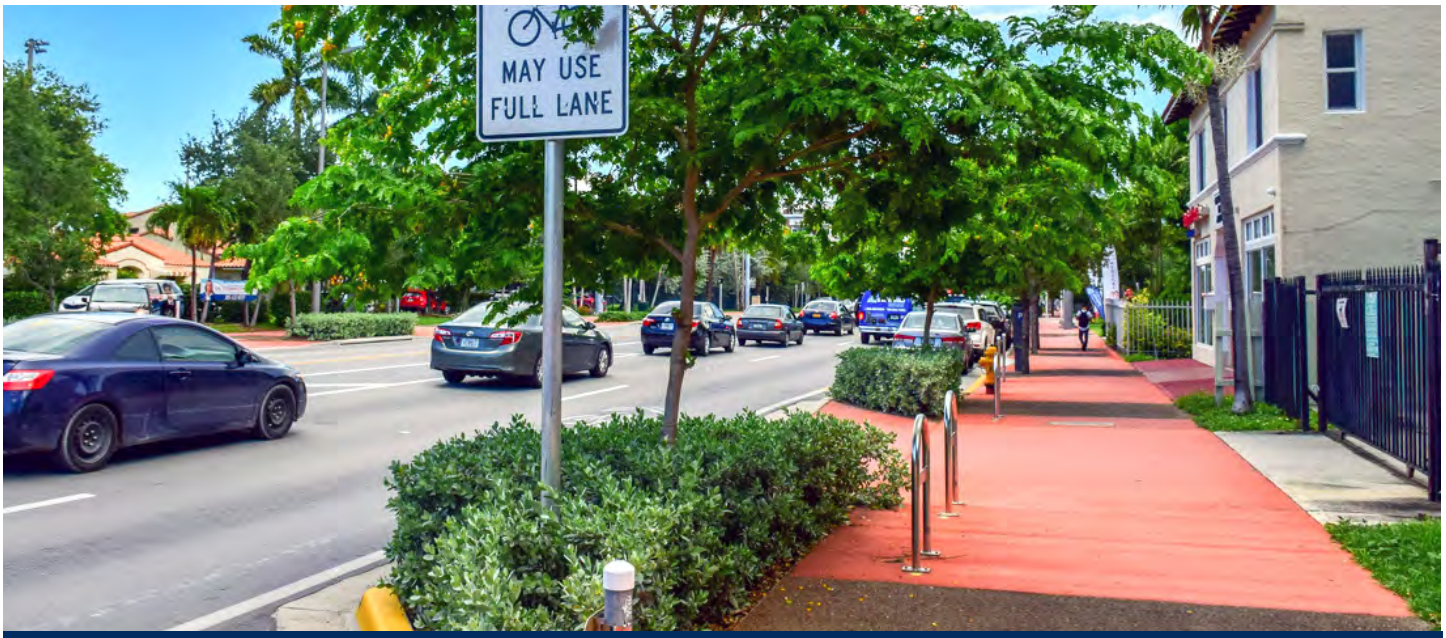
Reference

- Florida Department of Transportation
- Elisabeth Hassett
- 954.777.4219 | elisabeth.hassett@dot.state.fl.us

KCI was retained by the Florida Department of Transportation District Four to design the reconstructed portion of SR A1A from Sunrise Boulevard to NE 18th Street. KCI designed and prepared construction plans for the landscape, irrigation, and hardscape. While most of the landscape improvements are in the newly constructed median, KCI also made improvements to the east sidewalk along the beach. The streetscape design lined SR A1A with stately palms placed in landscaped medians. The palms were spaced closely for dramatic visual impact, and the wide sidewalks allowed for comfortable pedestrian passage. Coastal-appropriate plant species were installed within plant beds throughout the project. KCI performed post-design services, reviewing plant layouts and plant quality to ensure a quality product. KCI continued to assist the department in monitoring throughout the establishment period.

Scope: Complete street transformation to add wider sidewalks, on-street parking, and bike lanes. Coastal-friendly landscape, irrigation, and hardscape improvements. Hardscape and irrigation sleeving were coordinated early on with the roadway and were not part of the landscape stand-alone project.

KCI



SR 907/Alton Road from 5th Street to N Michigan Avenue

KCI Role

Prime Consultant

Reference

- Florida Department of Transportation
- Monica Rodriguez
- 305.470.5452 | monica.rodriguez@dot.state.fl.us

This 1.5-mile section of Alton Road is an active commercial corridor in Miami Beach, one of Florida's hottest destinations to visit, live, work, or play. The corridor is heavily traveled by locals and tourists on foot, bicycle, or automobile. To soften the urban feeling of this metropolitan corridor, large shade trees were placed adjacent to on-street parking and in curbed bulb-outs, thus providing a shady walk for pedestrians, allowing them to linger along the corridor to enjoy the many shops and cafes that Miami Beach has to offer. Hardscape treatments were designed within the sidewalks to create ADA-compliant walkways and provide root space for proposed street trees. Working with the City of Miami Beach, irrigation plans were tailored to the city's requests. Ultimately, as a tree-lined street that will mature and grow, Alton Road will continue to develop as an asset for the community and its users. The scope of work for this project included the design and permitting of drainage improvements of 3,370 linear feet of sidewalk. The design was prepared under contract amount. Construction cost savings were developed during construction.

KCI

FTL - Redundant Projects
Spot Locations on Various Roads & Intersections

City of Ft. Lauderdale

Scope of Services:
Longitude Surveyors is currently providing Subsurface Utility Engineering (SUE) services for POT locations along various roads and intersections throughout the City of Fort Lauderdale.

The scope of work includes performing utility designations at all Soft Dig locations identified by the client, locating nearby evidence where necessary, and conducting Soft Dig (vacuum excavation) services. Following field activities, the team prepares detailed Soft Dig reports to document utility data and ensure accurate subsurface mapping for ongoing infrastructure planning and development.

This project is on track to be completed on time and on budget.

Client and Contact Information:
CES Consultants, Inc.
Ernesto Fernandez, PE
14361 Commerce Way, Suite 103
Miami Lakes, FL 33016
Ph: 305.409.4542
efernandez@cesconsult.com

Cost of Services:
$91,247.50 (YTD)

Term of Engagement:
1/2025 - Ongoing

Role:
Subconsultant

NE 21 Avenue & NE 24 Terrace Storm Water Improvements

City of Ft. Lauderdale

Scope of Services:
Longitude Surveyors provided topographic and drainage surveying services for the project. The scope of work included mapping right-of-way and property lines, property identification numbers, side lot lines, and adjacent properties, all shown graphically on the survey.

Longitude documented all above-ground improvements, including utilities, sidewalks, roadways, and drainage structures. Elevations were collected on a 35-foot grid, and a Digital Terrain Model (DTM) was produced. We also collected rim, bottom, and invert elevations of drainage and sanitary structures, identified pipe diameters and materials, and established temporary benchmarks outside the project limits for contractor use during construction.

This project was completed on time and on budget.

Client and Contact Information:
Chen Moore and Associates
Daniel Davila, PE
500 W Cypress Creek Road,
Suite 630
Ft.Lauderdale, FL 3330
Ph: 954.730.0707
ddavila@chenmoore.com

Cost of Services:
$16,087.44

Term of Engagement:
12/2018 - 4/2019

Role:
Subconsultant

South Ocean Drive Over Marion River Bridge Replacement

Fort Lauderdale, Florida

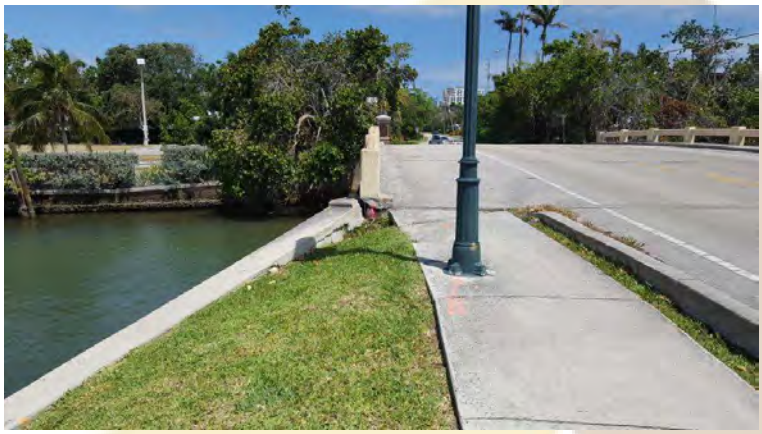
AREHNA | Engineering, Inc.

Project Summary

AREHNA provided geotechnical engineering services for this project which consisted of the bridge design for the bridge replacement over the Marion River. The existing bridge was constructed and rehabilitated in 1968, as an 80 foot, 4 spans, reinforced concrete double T-beam bridge. The project objective is to reduce the frequent costly maintenance to the new South Ocean Drive bridge structure given the saltwater/corrosive environment, while providing long term operability. AREHNA also provided recommendations for drainage improvements and milling and resurfacing the roadway approach to the bridge.

Due to the presence of existing residences nearby, reducing the impacts of temporary vibrations imparted by construction operations is a high priority.

CITY OF FORT LAUDERDALE



This project was completed on time and on budget.

Owner

City of Fort Lauderdale

Key Staff

Angela Alba, PE
Andy Tao, PE
Jessica McRory, PE
Paola Vargas, PE

Project Date

2018 - 2025

Reference

Mr. Eugenio Ochoa, P.E.
BCC Engineering
6401 SW 87th Ave,
Miami, Florida 33173
305-670-2350

Professional Services Continuing Services for Design Projects

District Four, Florida

AREHNA | Engineering, Inc.

Project Summary

AREHNA performed geotechnical explorations for a series of roadway improvements and pavement projects under this task order contract. Task work orders were associated with roadway improvements that included lane widening, intersection improvements, drainage improvements, and milling and resurfacing, traffic safety, lighting structures, overhead sign structures, mast arm structures, and drainage structures throughout the district.

Geotechnical engineering services included drilling, laboratory testing, engineering analysis and reporting, utility coordination, permitting and (MOT) maintenance of traffic.

Projects in Broward County under this contract include:

- **Cordova Road** from SE 17 Street/SR-A1A to SE 15 Street
- **SR-817**/ University Drive from NW 28th Street to N of SR-834/Sample Road
- **SR-820**/ Hollywood Blvd at SR-9/I-95 Interchange and South 28th Avenue
- **SR-834**/ Sample Road from NE 3rd Avenue to US-1
- **SR-805**/Dixie Hwy from EB SR-802/Lake Ave to WB SR-802/Lucerne Avenue
- **SR-848**/Stirling Road at N 33rd Avenue/North Park Road
- **SR-9**/I-95 from S. of 10th Ave N. to SR-882/ Forest Hill Blvd.
- **SW 64th** Avenue from SW 35th St to Pembroke Road

Owner

Florida Department of Transportation

Key Staff

Angela L. Alba, PE
Andy Tao, PE
Jessica McRory, PE
Kirk Eastman, PE
Winston Orellana

Project Date

10/2018 to 04/2022

Client Reference

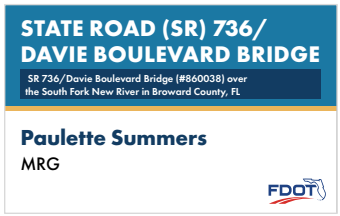
Yamila Hernandez, PE
WSP USA, Inc.
7650 Corporate Center Drive, Suite 300
Miami, FL 33126
305-514-3154
yamila.hernandez@wsp.com

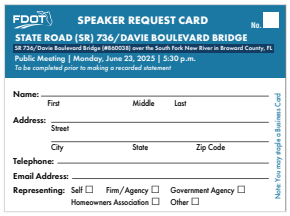
This project was completed on time and on budget.

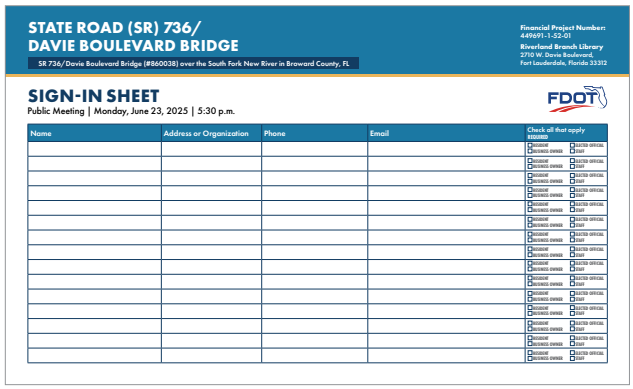
PROJECT SHEET

BRIDGE REHABILITATION PROJECT
SR 736/DAVIE BOULEVARD BRIDGE

FORT LAUDERDALE, FLORIDA







PROJECT DESCRIPTION

This project supports the Florida Department of Transportation's efforts to rehabilitate Bridge No. 860038 (SR 736/Davie Boulevard) over the South Fork of the New River in Fort Lauderdale, Broward County. As part of the project team, Media Relations Group, LLC is leading community outreach and public involvement efforts. Responsibilities include developing and submitting a Community Awareness Plan, preparing public meeting notices and materials, coordinating logistics for both in-person and virtual meetings, managing stakeholder communications, and providing website content updates. These services are designed to ensure effective public engagement throughout the design and construction phases.

AGENCY NAME

Florida Department of Transportation (FDOT) District Four

AGENCY CONTACT

Mr. Vamsee Tirunagari, P.E.
FDOT Project Manager

CONTACT TELEPHONE & EMAIL

Phone: (954) 777-4061
Email: Vamsee.Tirunagari@dot.state.fl.us

YEAR(S)

October 2023 - Present

This project is on track to be completed on time and on budget.

PROJECT SHEET

STATE ROAD (SR) A1A/OCEAN BOULEVARD BRIDGE (#930060)

BOCA RATON AND DEERFIELD BEACH, FL

FDOT

Florida Department of Transportation District Four

Community Awareness Plan Level 2

Prepared For: Vandana Nagole, P.E., CPM, FDOT Design Project Manager
Prepared By: Media Relations Group, LLC
Submitted: January 30, 2025
Updated: March 12, 2025

Project: State Road (SR) A1A/Ocean Boulevard Bridge (#930060)

FPID: 450684-1-52-01
Federal Project ID No.: N/A
County Section No.: 93060000
County: Palm Beach
City: Boca Raton and Deerfield Beach
Limits: Over Boca Inlet

Introduction

As part of the Florida Department of Transportation's (FDOT) continued effort to increase the level of community involvement on all types of infrastructure, rehabilitation and transportation improvement projects, a Community Awareness Plan (CAP) is developed on all design projects. The objectives of the CAP are as follows:

- Notify local governments, affected property owners, tenants and the general public of FDOT's proposed projects and anticipated impact of the project
- Resolve controversial issues during the design phase prior to construction
- Establish a process for achieving effective community awareness and public involvement

PROJECT DESCRIPTION

The intent of this project is to extend the service life of the bridge by performing repair and rehabilitation, and to enhance roadway safety along SR A1A/Ocean Boulevard Bridge over the Boca Inlet. As part of the project team, Media Relations Group, LLC is leading community outreach and public involvement efforts. Responsibilities include developing and submitting a Community Awareness Plan, preparing public meeting notices and materials, coordinating logistics for both in-person and virtual meetings, managing stakeholder communications, and providing website content updates. These services are designed to ensure effective public engagement throughout the design and construction phases.

AGENCY NAME

Florida Department of Transportation (FDOT) District Four

AGENCY CONTACT

Vandana Nagole, P.E., CEM
FDOT Design Project Manager

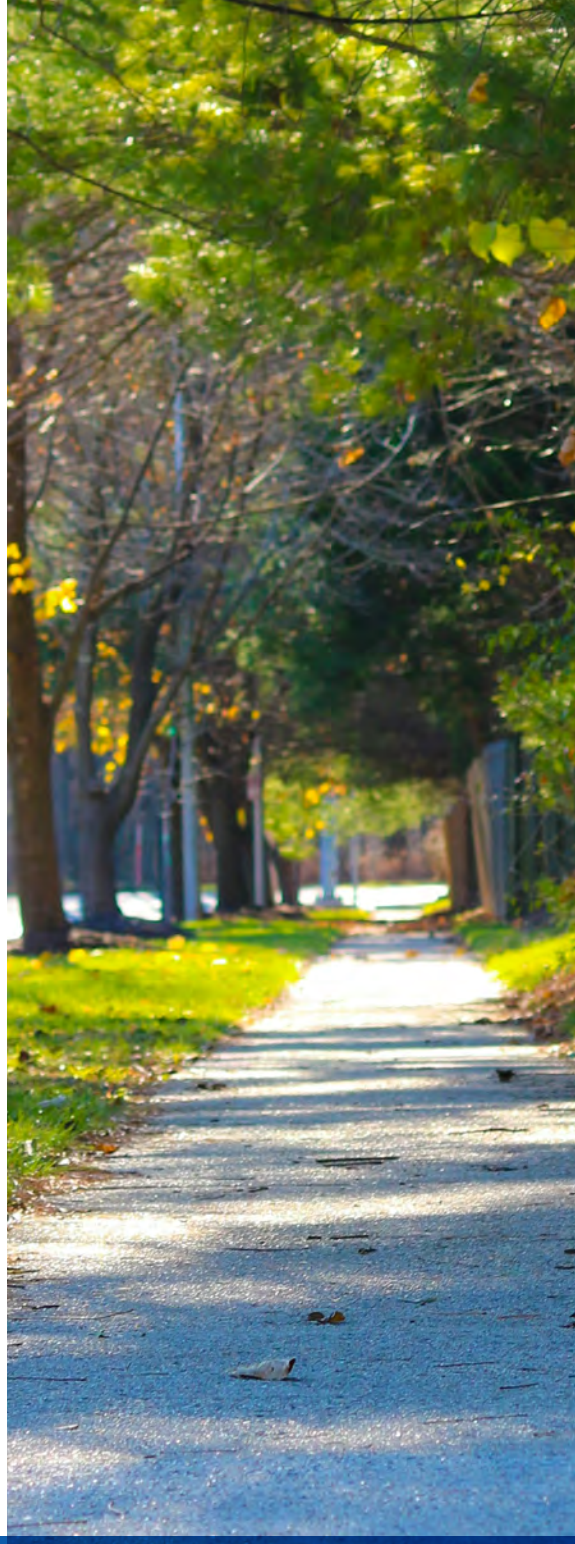
CONTACT TELEPHONE & EMAIL

Phone: (954) 777-4281
Email: Vandana.Nagole@dot.state.fl.us

YEAR(S)

2024 - Present

This project is on track to be completed on time and in budget.



5. Minority/Women (M/WBE) Participation

HBC

MINORITY/WOMEN'S PARTICIPATION

As a certified **Minority Business Enterprise (MBE), Disadvantaged Business Enterprise (DBE), and Small Business Enterprise (SBE)**, HBC Engineering Company is committed to supporting the City's equity and supplier diversity objectives and **will meet or exceed the established 30% County Business Enterprise (CBE) participation goal** for this Transportation Surtax–funded project. We recognize the value of equitable participation and take proactive measures to ensure meaningful involvement of certified minority- and women-owned firms across all project phases.

When subcontracting opportunities arise, HBC affirms its commitment to:

- Solicit small and minority businesses and women's business enterprises as potential subcontractors and suppliers.
- Divide total requirements, when economically feasible, into smaller work packages to promote broader participation.
- Establish delivery schedules that encourage involvement from small and disadvantaged firms.
- Utilize services and assistance from organizations such as the U.S. Small Business Administration and the Minority Business Development Agency to identify and support qualified businesses.

Our team is composed of the following minority firms:

HBC Engineering Company (HBC) – DBE/MBE

Longitude Surveyors, LLC (LON) – MBE

Arehna Engineering, Inc. (ARE) – SBE/WBE

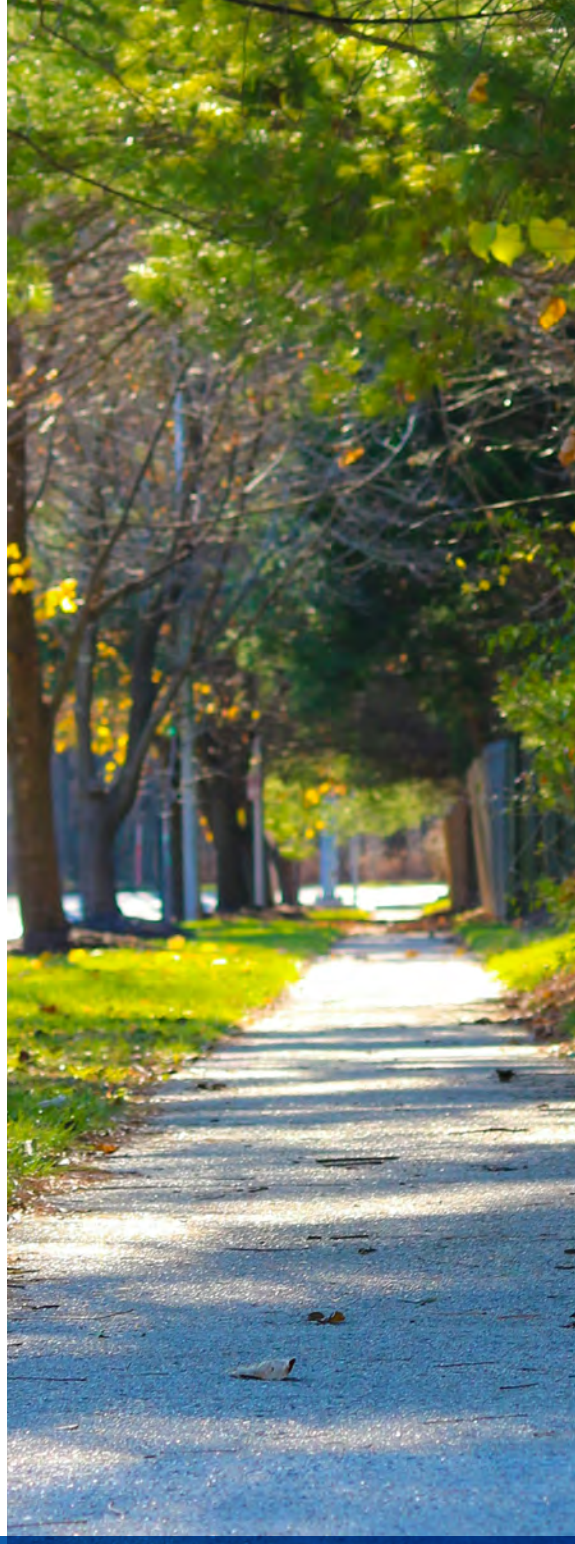
Media Relations Group, LLC (MRG) – WBE

HBC Committed to Excellence

LONGITUDE SURVEYORS

AREHNA | Engineering, Inc.

M R G



6. Subconsultants

HBC

SUBCONSULTANT UTILIZATION

HBC will primarily self perform the Core Service Areas identified in Section III of the RFQ to maintain direct control over quality, schedule, and coordination. Subconsultants will be utilized only as needed to supplement HBC's staff with specialized licensure, technical expertise, or additional capacity to support the City's delivery requirements. All subconsultants are prequalified, based in South Florida, and experienced in City, municipal, and FDOT projects, allowing for efficient mobilization, seamless integration with HBC's team, and compliance with the RFQ's expectations for responsiveness and performance.

What HBC self-performs? (Scope alignment)

HBC will self perform the majority of core services required for citywide sidewalk improvements. These services include pedestrian and multimodal planning support, sidewalk and ADA facility layout, engineering analysis, and coordination with adjacent transportation systems. HBC will provide transportation engineering services encompassing sidewalk design, curb ramp and crossing improvements, maintenance of traffic planning, utility coordination, and preparation of construction ready plans and cost estimates. In addition, HBC will self perform constructability reviews and provide technical support during bidding and construction to ensure compliance with City standards, FDOT requirements, and efficient implementation across multiple sidewalk locations.

Where we use targeted subconsultants and why?

To complement our core services, HBC integrates trusted specialists: KCI Technologies, Inc.(landscape architecture and arborist services), Longitude Surveyors, LLC (survey/SUE - CBE), Arehna Engineering, Inc. (geotechnical engineering - CBE), Media Relations Group, LLC (Public Involvement - CBE).

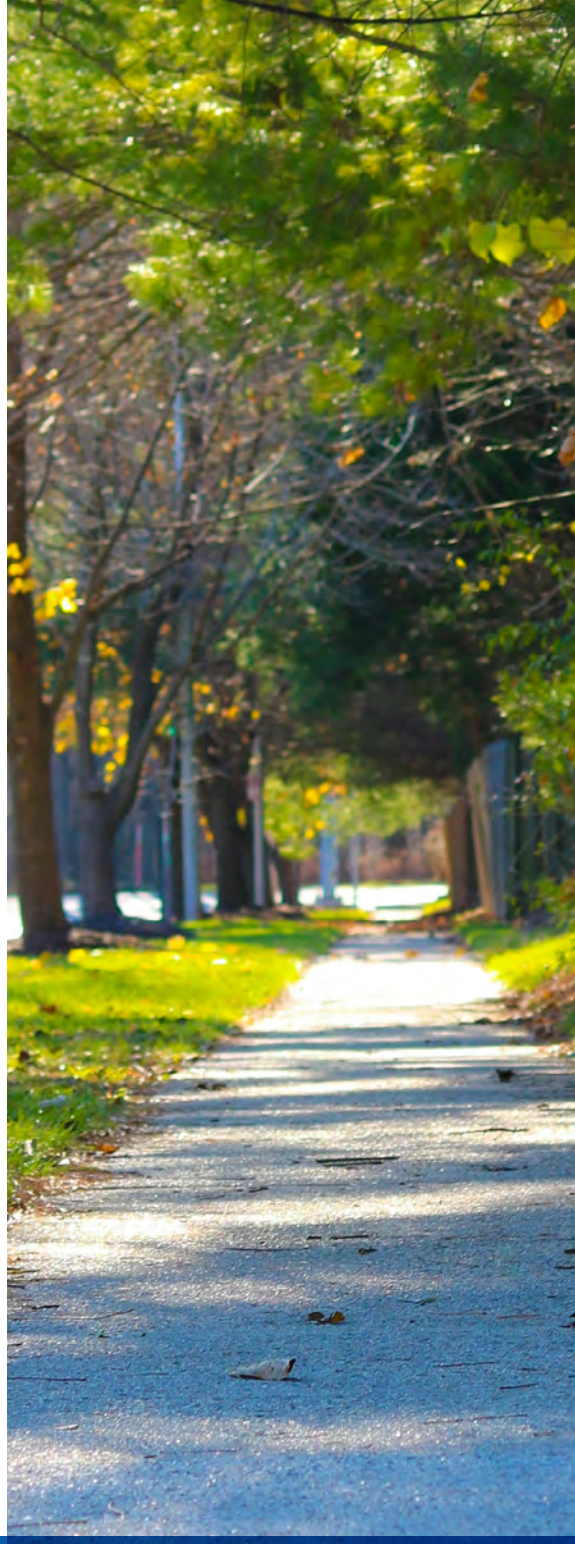
How this benefits the City?

- ✓ Maximum self-performance in core transportation/CEI services reduces handoffs and accelerates delivery.
- ✓ Specialists only where they add value survey, geotech, landscape, public outreach, and effective engagement.
- ✓ One chain of accountability under HBC's project management framework, with QA/QC milestones at 30/60/90/Final and clear coordination with City departments.
- ✓ Commitment to equity and opportunity, as HBC (DBE/MBE/SBE) and several subconsultants hold State of Florida small and minority business certifications, advancing inclusion while maintaining quality.

This balanced approach self-performing the core scopes while leveraging specialists for targeted needs directly aligns with the City's vision for multimodal mobility, resilient infrastructure, and context-sensitive public space planning.

Our commitment to the City

By combining HBC's in-house expertise with this selective team of subconsultants, the City will receive a comprehensive resource capable of addressing diverse task orders over the life of the contract. The structure ensures consistent leadership, proven specialists in every discipline identified in the RFQ, and a delivery model that emphasizes responsiveness, accountability, and long-term value for Fort Lauderdale's residents and stakeholders.



7. Required Forms

HBC

PROOF OF INSURANCE

HBCENGI-01 CGIBBONI

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 2/13/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: Ames & Gough, 8300 Greensboro Drive, Suite 980, McLean, VA 22102

CONTACT NAME: | PHONE (A/C, No, Ext): (703) 827-2277 | FAX (A/C, No): (703) 827-2279 | E-MAIL ADDRESS: admin@amesgough.com

INSURED: HBC Engineering Company, 8935 NW 35th Lane, Suite 201, Doral, FL 33172

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hartford Underwriters Insurance Company A+ (XV)	30104
INSURER B : Nutmeg Insurance Company	39608
INSURER C : Hartford Casualty Insurance Company A+ (XV)	29424
INSURER D :	
INSURER E :	
INSURER F :	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
A	X COMMERCIAL GENERAL LIABILITY; CLAIMS-MADE / X OCCUR; GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PROJECT X LOC; OTHER:			42 SBU AR9BKL	2/21/2025	2/21/2026	EACH OCCURRENCE $1,000,000; DAMAGE TO RENTED PREMISES (Ea occurrence) $1,000,000; MED EXP (Any one person) $10,000; PERSONAL & ADV INJURY $1,000,000; GENERAL AGGREGATE $2,000,000; PRODUCTS - COMP/OP AGG $2,000,000
B	AUTOMOBILE LIABILITY; X ANY AUTO; OWNED AUTOS ONLY; SCHEDULED AUTOS; HIRED AUTOS ONLY; NON-OWNED AUTOS ONLY			42 UEG AF0811	2/21/2025	2/21/2026	COMBINED SINGLE LIMIT (Ea accident) $1,000,000; BODILY INJURY (Per person) $; BODILY INJURY (Per accident) $; PROPERTY DAMAGE (Per accident) $
A	X UMBRELLA LIAB X OCCUR; EXCESS LIAB CLAIMS-MADE; DED X RETENTION $ 10,000			42 SBU AR9BKL	2/21/2025	2/21/2026	EACH OCCURRENCE $5,000,000; AGGREGATE $5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY; ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) N; If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		42 WEG AR9BJP	2/21/2025	2/21/2026	X PER STATUTE; E.L. EACH ACCIDENT $1,000,000; E.L. DISEASE - EA EMPLOYEE $1,000,000; E.L. DISEASE - POLICY LIMIT $1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Hired Physical Damage Limit - $100,000
Collision Ded. - $1,000
Comp Ded. - $1,000

CERTIFICATE HOLDER: EVIDENCE OF COVERAGE

CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

ACORD

CERTIFICATE OF LIABILITY INSURANCE

4/1/2026

DATE (MM/DD/YYYY) 8/28/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: Lockton Companies, LLC, DBA Lockton Insurance Brokers, LLC in CA, CA license #0F15767, 444 W. 47th St., Ste. 900, Kansas City MO 64112-1906, (816) 960-9000 kcasu@lockton.com

CONTACT NAME: | PHONE (A/C, No, Ext): | FAX (A/C, No): | E-MAIL ADDRESS:

INSURED 1564655: KCI TECHNOLOGIES, INC, 936 RIDGEBROOK RD., SPARKS, MD 21152

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : National Union Fire Ins Co Pitts. PA	19445
INSURER B : New Hampshire Insurance Company	23841
INSURER C : QBE Specialty Insurance Company	11515
INSURER D : Travelers Excess and Surplus Lines Co	29696
INSURER E : Westchester Surplus Lines Insurance Co	10172
INSURER F :	

COVERAGES CERTIFICATE NUMBER: 22333395 REVISION NUMBER: XXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
A	X COMMERCIAL GENERAL LIABILITY; CLAIMS-MADE / X OCCUR; GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PROJECT LOC; OTHER:	N	N	522-24-13	4/1/2025	4/1/2026	EACH OCCURRENCE $2,000,000; DAMAGE TO RENTED PREMISES (Ea occurrence) $500,000; MED EXP (Any one person) $25,000; PERSONAL & ADV INJURY $2,000,000; GENERAL AGGREGATE $4,000,000; PRODUCTS - COMP/OP AGG $4,000,000
A	AUTOMOBILE LIABILITY; X ANY AUTO; OWNED AUTOS ONLY; SCHEDULED AUTOS; HIRED AUTOS ONLY; NON-OWNED AUTOS ONLY	N	N	448-95-82	4/1/2025	4/1/2026	COMBINED SINGLE LIMIT (Ea accident) $2,000,000; BODILY INJURY (Per person) $XXXXXXX; BODILY INJURY (Per accident) $XXXXXXX; PROPERTY DAMAGE (Per accident) $XXXXXXX; $XXXXXXX
C D E	X UMBRELLA LIAB X OCCUR; EXCESS LIAB CLAIMS-MADE; DED RETENTION $	N	N	140002891; EX-B5810622; G48745179 001	8/1/2025; 8/1/2025; 8/1/2025	4/1/2026; 4/1/2026; 4/1/2026	EACH OCCURRENCE $10,000,000; AGGREGATE $10,000,000; $XXXXXXX
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY; ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) N; If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	N	013-71-1852	4/1/2025	4/1/2026	X PER STATUTE; E.L. EACH ACCIDENT $2,000,000; E.L. DISEASE - EA EMPLOYEE $2,000,000; E.L. DISEASE - POLICY LIMIT $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER: 22333395 EVIDENCE OF COVERAGE

CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE: Joseph M Agnello

ACORD 25 (2016/03)

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 11/14/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: Brown & Brown Insurance Services, Inc., 8825 NW 21st Terrace, Doral FL 33172

CONTACT NAME: Daniel Martinez | PHONE (A/C, No, Ext): (305) 714-4400 | FAX (A/C, No): (305) 714-4401 | E-MAIL ADDRESS: Daniel.Martinez@bbrown.com

INSURED: Longitude Surveyors, LLC, 7700 N. Kendal Drive; Suite 705, Miami FL 33156

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : The Travelers Indemnity Company of Connecticut	25682
INSURER B : The Travelers Indemnity Company of America	25666
INSURER C : Travelers Property Casualty Company of America	25674
INSURER D : Underwriters at Lloyd's of London	15792
INSURER E : ACE American Insurance Company	22667
INSURER F : Arch Specialty Insurance Company	21199

COVERAGES CERTIFICATE NUMBER: 25-26 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
A	X COMMERCIAL GENERAL LIABILITY; CLAIMS-MADE / X OCCUR; GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PROJECT LOC; OTHER:			6609M043072	11/20/2025	11/20/2026	EACH OCCURRENCE $2,000,000; DAMAGE TO RENTED PREMISES (Ea occurrence) $1.000.000; MED EXP (Any one person) $5.000; PERSONAL & ADV INJURY $2,000,000; GENERAL AGGREGATE $4,000,000; PRODUCTS - COMP/OP AGG $4,000,000
B	AUTOMOBILE LIABILITY; X ANY AUTO; OWNED AUTOS ONLY; SCHEDULED AUTOS; X HIRED AUTOS ONLY; X NON-OWNED AUTOS ONLY			BA1R860052	11/20/2025	11/20/2026	COMBINED SINGLE LIMIT (Ea accident) $1,000,000; BODILY INJURY (Per person) $; BODILY INJURY (Per accident) $; PROPERTY DAMAGE (Per accident) $
C	X UMBRELLA LIAB X OCCUR; EXCESS LIAB CLAIMS-MADE; DED X RETENTION $ 10,000			CUP9M043625	11/20/2025	11/20/2026	EACH OCCURRENCE $5,000,000; AGGREGATE $5,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY; ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH); If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					PER STATUTE / OTHER; E.L. EACH ACCIDENT $; E.L. DISEASE - EA EMPLOYEE $; E.L. DISEASE - POLICY LIMIT $
D	Professional Liability Claims Made			TAE00016803	11/20/2025	11/20/2026	Aggregate $4,000,000; Each Claim $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Company E (Policy#UA03661026) Effective: 11/20/2025 - 11/20/20256 - Unmanned Aircraft Coverage $2,000,000 Unmanned Aircraft System Liability Hazard $2,000,000 Aviation Premises Liability Hazard $2,000,000 Each Occurrence
Company F (Policy#C4LWN128931CYBER2025) Effective 11/03/2025 - 11/03/2026 - Cyber Liability $1,000,000 Each Claim

CERTIFICATE HOLDER: Longitude Surveyors, LLC, 7700 N. Kendall Drive, Suite 705, Miami FL 33156

CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

AREHENG-01 LHILLIARD

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 5/26/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER: Ames & Gough, 8300 Greensboro Drive, Suite 980, McLean, VA 22102

CONTACT NAME: | PHONE (A/C, No, Ext): (703) 827-2277 | FAX (A/C, No): (703) 827-2279 | E-MAIL ADDRESS: admin@amesgough.com

INSURED: Arehna Engineering, Inc., 5012 West Lemon Street, Tampa, FL 33609

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hartford Underwriters Insurance Company A+ (XV)	30104
INSURER B : Nutmeg Insurance Company	39608
INSURER C : Hartford Fire Insurance Company A+ (XV)	19682
INSURER D : Endurance American Specialty A+, XV	41718
INSURER E :	
INSURER F :	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
A	X COMMERCIAL GENERAL LIABILITY; CLAIMS-MADE / X OCCUR; GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PROJECT LOC; OTHER:			42SBABF9U42	5/26/2025	5/26/2026	EACH OCCURRENCE $1,000,000; DAMAGE TO RENTED PREMISES (Ea occurrence) $1,000,000; MED EXP (Any one person) $10,000; PERSONAL & ADV INJURY $1,000,000; GENERAL AGGREGATE $2,000,000; PRODUCTS - COMP/OP AGG $2,000,000
B	AUTOMOBILE LIABILITY; X ANY AUTO; OWNED AUTOS ONLY; SCHEDULED AUTOS; HIRED AUTOS ONLY; NON-OWNED AUTOS ONLY			42UEGAG0617	5/26/2025	5/26/2026	COMBINED SINGLE LIMIT (Ea accident) $1,000,000; BODILY INJURY (Per person) $; BODILY INJURY (Per accident) $; PROPERTY DAMAGE (Per accident) $
A	X UMBRELLA LIAB X OCCUR; EXCESS LIAB CLAIMS-MADE; DED X RETENTION $ 10,000			42SBABF9U42	5/26/2025	5/26/2026	EACH OCCURRENCE $5,000,000; AGGREGATE $5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY; ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) N; If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		42WECBF9W7E	5/26/2025	5/26/2026	X PER STATUTE; E.L. EACH ACCIDENT $1,000,000; E.L. DISEASE - EA EMPLOYEE $1,000,000; E.L. DISEASE - POLICY LIMIT $1,000,000
D	Professional Liab.			DPL30060751201	5/26/2025	5/26/2026	Per Claim/Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Certificate holder is included as additional insured with respect to General Liability and Automobile Liability when required by written contract. General Liability is primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured and when required by written contract. General Liability, Automobile Liability and Workers Compensation policies include a waiver of subrogation in favor of the additional insureds where permissible by state law and when required by written contract.

CERTIFICATE HOLDER: EVIDENCE OF COVERAGE

CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 04/11/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER: Marsh Affinity, a division of Marsh USA LLC., PO BOX 14404, Des Moines, IA 50306-9686

CONTACT NAME: Marsh Affinity | PHONE (A/C, No, Ext): 800-743-8130 | FAX (A/C, No): | E-MAIL ADDRESS: ADPTotalSource@marsh.com

INSURED: ADP TotalSource CO XXI, Inc., 5800 Windward Parkway, Alpharetta, GA 30005, Alternate Employer: Media Relations Group LLC, 14707 S Dixie Hwy Ste 404, Miami, FL 33176

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : New Hampshire Insurance Co.	23841
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
	COMMERCIAL GENERAL LIABILITY						
	AUTOMOBILE LIABILITY						
	UMBRELLA LIAB; EXCESS LIAB						
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY; (Mandatory in NH) N	N/A		WC 063528457 GA	07/01/2025	07/01/2026	X PER STATUTE; E.L. EACH ACCIDENT $2,000,000; E.L. DISEASE - EA EMPLOYEE $2,000,000; E.L. DISEASE - POLICY LIMIT $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
All worksite employees working for MEDIA RELATIONS GROUP LLC, paid under ADP TOTALSOURCE, INC.'s payroll, are covered under the above stated policy. MEDIA RELATIONS GROUP LLC is an alternate employer under this policy. Proprietor/Partner/Executive Officer/Member are not excluded as long as they are in the ADPTS payroll or have completed the SEI Participation Addendum.

CERTIFICATE HOLDER: Media Relations Group LLC, 14707 S Dixie Hwy Ste 404, Miami, FL 33176

CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE: Jo Phillips

ACORD 25 (2016/03)

CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the City's on-line strategic sourcing platform prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit http://www.dos.state.fl.us/).

Company: (Legal Registration) HBC Engineering Company EIN (Optional): 22-3936061

Address: 5200 NW 33 Ave, Suite 211

City: Fort Lauderdale State: FL Zip: 33309

Telephone No.: 305-232-7932 FAX No.: 305-232-7933 Email: proposals@hbcengineeringco.com

Delivery: Calendar days after receipt of Purchase Order **(section 1.02 of General Conditions)**: N/A

Total Bid Discount **(section 1.05 of General Conditions)**: N/A

Check box if your firm qualifies for DBE **(section 1.09 of General Conditions)**: ☒

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
No.1	1/22/2026						

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars ($500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Adebayo Coker, PE
Name (printed)

Signature

1/8/2026
Date

President
Title

City of Fort Lauderdale • Procurement Services Department
101 NE 3rd Avenue, Suite 1650 • Fort Lauderdale, Florida 33301
954-828-5933 Fax 954-828-5576
purchase@fortlauderdale.gov

ADDENDUM NO. 1

RFQ Event 320
Design of Sidewalk Improvements Citywide

ISSUED: January 22, 2026

This addendum is being issued to make the following changes:

1. The Proposal Due Date has been extended to Tuesday, January 27, 2026, at 2:00PM (local time).

2. This solicitation is a Request for Qualifications (RFQ) for professional design services issued pursuant to Section 287.055, Florida Statutes (CCNA). A bid bond is not required for RFQ Event #320, and no bid bond or bid security is to be submitted with the qualifications package.

   Therefore, to submit a Proposal through Infor, you must upload a blank page in lieu of a Bid Bond.

3. Since this is an RFQ, pricing will be negotiated with the Proposer who is recommended for award by our Evaluation Committee.

   For purposes of submitting your Proposal on Infor, please input any dollar amount for the single line item. This amount will not be used for evaluation purposes.

All other terms, conditions, and specifications remain unchanged.

Erick Martinez
Senior Procurement Specialist

Company Name: HBC Engineering Company
(please print)

Bidder's Signature: _____

Date: 1/22/2026

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the DBE Class claimed:

A) Copy of City of Fort Lauderdale current year business tax receipt, or Broward County current year business tax receipt, or State of Florida active registration **and/or**

B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883

Definitions

a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

(1) HBC Engineering Company
Business Name

is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

(2) _____
Business Name

is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

(3) _____
Business Name

is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

(4) _____
Business Name

is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

(5) _____
Business Name

is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

BIDDER'S COMPANY: HBC Engineering Company

AUTHORIZED COMPANY PERSON: Adebayo Coker, PE _____ 1/8/2026
PRINT NAME SIGNATURE DATE

NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

> 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).
>
> 3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME	RELATIONSHIPS
N/A	N/A
N/A	N/A
	N/A
	N/A

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

Authorized Signature

President - HBC Engineering Company
Title

Adebayo Coker, PE
Name (Printed)

1/8/2026
Date

Rev 09-2022

LOCAL BUSINESS PREFERENCE

Section 2-199.2, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-12-04), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed **at the time of bid submittal.**

> Upon formal request of the City, based on the application of a Local Business Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the Local Business Preference Class claimed:

A) Copy of City of Fort Lauderdale current year business tax receipt, or Broward County current year business tax receipt, **and**

B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:
https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-186LOBUPR

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **and** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.

2. Class B Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City or shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.

3. Class C Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone **and** staffed with full-time employees within the limits of Broward County.

4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) HBC Engineering Company
Business Name

is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(2) _____
Business Name

is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Business Tax Receipt **or** a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(3) _____
Business Name

is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

(4) _____
Business Name

requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(5) _____
Business Name

requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(6) _____
Business Name

is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186 and does not qualify for Local Preference consideration.

BIDDER'S COMPANY: HBC Engineering Company

AUTHORIZED COMPANY PERSON: Adebayo Coker, PE — SIGNATURE — 1/8/2026

PRINT NAME | SIGNATURE | DATE

CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding $100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

(i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.

(ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

Authorized Signature

Adebayo Coker, PE - President

Print Name and Title

1/8/2026

Date

E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: 320

Project Description:

Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: HBC Engineering Company

Authorized Company Person's Signature: _____

Authorized Company Person's Title: Adebayo Coker, PE - President

Date: 1/8/2026

E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: 320

Project Description:

Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: KCI Technologies, Inc.

Authorized Company Person's Signature: 

Authorized Company Person's Title: Vice President

Date: 1/13/2026

E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: 320

Project Description:

Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Longitude Surveyors, LLC

Authorized Company Person's Signature: _____

Authorized Company Person's Title: President

Date: 1/12/2026

E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: 320

Project Description:

Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: AREHNA Engineering, Inc.

Authorized Company Person's Signature: Jessica McRory

Authorized Company Person's Title: Jessica McRory, President

Date: 1/8/2026

E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: 320

Project Description:

Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Media Relations Group, LLC

Authorized Company Person's Signature: _____

Authorized Company Person's Title: President

Date: January 8, 2026

AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS
(Florida Statute- §287.138, 692.201, 692.202, 692.203, and 692.204)

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

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source:§ 287.138(2)(a), Florida Statutes)

2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source:§ 287.138(2)(b), Florida Statutes)

3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)

4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source:§ 288.007(2), Florida Statutes)

5. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source: § 288.007(2), Florida Statutes)

6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(I), Florida Statutes)

7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.

8. ***(Only applicable if purchasing real property)*** Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source:§§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)

9. The undersigned is authorized to execute this affidavit on behalf of Entity.

Name: Adebayo Coker, PE Title: President Entity: HBC Engineering Company

Signature: _____ Date: 1/8/2026

NOTARY PUBLIC ACKNOWEDGEMENT SECTION

STATE OF Florida

COUTY OF Miami-Dade

The foregoing instrument was acknowledged before me, by means of ☐ physical presence or ☐ online notarization, this 8 day of January 2026, by Adebayo Coker, PE, as President for HBC Engineering Company, who is personally known to me or who has produced N/A as identification.

Notary Public Signature: _____ (Notary Seal)

Print Name: Natalia Nunez-Elorza My commission expires: 10/30/2027

NATALIA NUNEZ-ELORZA
Notary Public
State of Florida
Comm# HH459503
Expires 10/30/2027

CITY OF FORT LAUDERDALE

SWORN STATEMENT PURSUANT TO SECTION 287.087, FLORIDA STATUTES, ON PREFERENCE TO BUSINESS WITH DRUG-FREE WORK PLACE PROGRAMS

I certify that I have established a Drug Free Work Place program and have complied with the following

a. Published and distributed to each employee 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 prohibitions.

b. Required all new employees to undergo laboratory testing as a condition of employment and will require all employees, as a condition of their continued employment, to undergo laboratory testing to detect illegal drug or alcohol use according to Florida Statutes 440.101 and 440.102.

c. Ensured that applicants with a confirmed positive drug or alcohol screening test result are not considered for employment.

d. Have tested employees when reasonably suspected of illegal drug or alcohol use.

e. Ensured that any employee refusing to take a drug or alcohol screening test in violation of the Drug Free Work Place Policy is subject to dismissal for failure to abide by the provisions of the Policy.

f. Informed employees about the dangers of drug abuse in the workplace, the business' policy of maintain 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.

g. In the statement specified in subparagraph a, notified the employees that, as a condition of their employment, the employee will abide by the terms of the statement and will notify their 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 of any state, for a violation occurring in the workplace no later than 5 days after such conviction.

h. Have required all employees to sign a copy of this statement of compliance acknowledging their understanding and agreeing to abide with the requirements of the Drug Work Place Policy.

i. Will 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.

j. Am making a good faith effort to continue to maintain a Drug Free Work Place through implementation of this document.

BY:  DATE: 1/8/2026

NAME (Printed) Adebayo Coker, PE TITLE: President

COMPANY NAME: HBC Engineering Company

Affix Company Seal

SURTAX PROJECTS AND SERVICES (MUNICIPALITY)
LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performed with your own forces.

Municipality (City/Town/Village): City of Fort Lauderdale

Solicitation No.: 320 **Project Title:** Citywide Sidewalk Improvements Design

Bidder/Offeror Name: HBC Engineering Company

Address: 5200 NW 33 Ave, Suite 211 City: Ft. Lauderdale State: FL Zip: 33309

Authorized Representative: Adebayo Coker, PE

Phone: 305-232-7932 Email: proposals@hbcengineeringco.com

CBE Firm/Supplier Name: Longitude Surveyors, LLC

Address: 800 W. Cypress Creek Road, Suite 340 City: Ft. Lauderdale State: FL Zip: 33309

Authorized Representative: Eduardo M. Suarez, PSM

Phone: 754.320.4182 Email: esuarez@longitudefl.com

A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.

B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.

C. By signing below, the above-named CBE is committing to perform the work described below.

D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

WORK TO BE PERFORMED BY CBE FIRM(S)

Description	NAICS[1]	CBE Contract Amount[2]	CBE Percentage of Total Project Value
Surveying and SUE Services	541370		16%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: _____ Title: President Date: 1/12/2026

Bidder/Offeror Authorized Representative

Signature: _____ Title: President Date: January 13, 2026

[1] Visit https://www.census.gov/eos/www/naics/ to search and identify the correct NAICS codes. Match each type of work with the most appropriate NAICS code.

[2] To be provided only when the solicitation requires that the bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: April 2020 **Compliance Form No. 011**

SURTAX PROJECTS AND SERVICES (MUNICIPALITY)
LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performed with your own forces.

Municipality (City/Town/Village): City of Fort Lauderdale

Solicitation No.: 320 **Project Title:** Citywide Sidewalk Improvements Design

Bidder/Offeror Name: HBC Engineering Company

Address: 5200 NW 33 Ave, Suite 211 City: Ft. Lauderdale State: FL Zip: 33309

Authorized Representative: Adebayo Coker, PE

Phone: 305-232-7932 Email: proposals@hbcengineeringco.com

CBE Firm/Supplier Name: AREHNA Engineering, Inc.

Address: 5389 N Nob Hill Road City: Sunrise State: FL Zip: 33351

Authorized Representative: Jessica McRory, President

Phone: 954-495-1710 Email: jmcrory@arehna.com

A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.

B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.

C. By signing below, the above-named CBE is committing to perform the work described below.

D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

WORK TO BE PERFORMED BY CBE FIRM(S)

Description	NAICS[1]	CBE Contract Amount[2]	CBE Percentage of Total Project Value
Geotechnical Engineering & Materials Testing	541330,541380		10%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: _____ Title: President Date: 1/8/2026

Bidder/Offeror Authorized Representative

Signature: _____ Title: President Date: January 13, 2026

[1] Visit https://www.census.gov/eos/www/naics/ to search and identify the correct NAICS codes. Match each type of work with the most appropriate NAICS code.

[2] To be provided only when the solicitation requires that the bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

Rev.: April 2020 **Compliance Form No. 011**

SURTAX PROJECTS AND SERVICES (MUNICIPALITY)
LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performed with your own forces.

Municipality (City/Town/Village): City of Fort Lauderdale

Solicitation No.: 320 **Project Title:** Citywide Sidewalk Improvements Design

Bidder/Offeror Name: HBC Engineering Company

Address: 5200 NW 33 Ave, Suite 211 City: Ft. Lauderdale State: FL Zip: 33309

Authorized Representative: Adebayo Coker, PE

Phone: 305-232-7932 Email: proposals@hbcengineeringco.com

CBE Firm/Supplier Name: Media Relations Group, LLC

Address: 110 E. Broward Boulevard #1700 City: Fort Lauderdale State: Fl Zip: 33301

Authorized Representative: Alicia Gonzalez

Phone: 786-280-6645 Email: agonzalez@mrgmiami.com

A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.

B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.

C. By signing below, the above-named CBE is committing to perform the work described below.

D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

WORK TO BE PERFORMED BY CBE FIRM(S)

Description	NAICS[1]	CBE Contract Amount[2]	CBE Percentage of Total Project Value
Public Involvement Services	541820, 541613,		4%
	541430		

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: _____ Title: President Date: January 8, 2026

Bidder/Offeror Authorized Representative

Signature: _____ Title: President Date: January 13, 2026

[1] Visit https://www.census.gov/eos/www/naics/ to search and identify the correct NAICS codes. Match each type of work with the most appropriate NAICS code.

[2] To be provided only when the solicitation requires that the bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

APPLICATION FOR EVALUATION OF GOOD FAITH EFFORTS SURTAX PROJECTS AND SERVICES (MUNICIPALITY)

Municipality (City/Town/Village): City of Fort Lauderdale

Solicitation No.: 320

Project Name: Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Bidder/Offeror Name: HBC Engineering Company

Address: 5200 NW 33 Ave, Suite 211, Fort Lauderdale, FL 33309

Phone: 305-232-7932

Email: proposals@hbcengineeringco.com

The undersigned representative of the Bidder/Offeror attests that he/she has authority to bind the Bidder/Offeror and certifies that the Bidder/Offeror has made Good Faith Efforts, as defined in Section 1-81.5 of the Broward County Business Opportunity Act of 2012, as amended (the "Business Opportunity Act"), to meet the County Business Enterprise (CBE) goal established for this solicitation by contacting CBE-certified firms to serve as subcontractors for the Project. However, the Bidder/Offeror has been unable to recruit enough CBE-certified firms to meet the CBE participation goal. Consistent with the requirements of the Business Opportunity Act, the Bidder/Offeror hereby **submits documentation (attached to this form)** of its recruitment efforts, for evaluation by Broward County's Office of Economic and Small Business Development (OESBD), to determine whether the Bidder/Offeror's efforts are sufficient to be deemed Good Faith Efforts, in lieu of goal attainment, under the Business Opportunity Act.

The Bidder/Offeror understands that a determination of Good Faith Efforts to meet the CBE participation goal is contingent upon the information provided by the Bidder/Offeror with this application and the other factors listed in Section 1-81.5(d) of the Business Opportunity Act, as applicable with respect to this solicitation. *See* § 1-81.5(d), County Code of Ordinances. The Bidder/Offeror acknowledges that the determination of Good Faith Efforts is made by the OESBD Director and is not subject to appeal.

Bidder/Offeror Authorized Representative

Signature: _____

Name / Title: Adebayo Coker, PE - President

Date: 1/8/2026

Rev.: April 2020 **Compliance Form No. 012**

CITY OF FORT LAUDERDALE

ANTI-HUMAN TRAFFICKING AFFIDAVIT

Rev Date: 01/13/2025

The undersigned, on behalf of HBC Engineering Company,
(Print complete name incorporated with suffix: INC, LLC, LTD, LP, PA, etc.)
a FL (*State corporation is registered*) Corporation (Type of entity: profit or non-profit),
("Nongovernmental Entity"), under penalty of perjury, hereby deposes and says:

1. My name is Adebayo Coker, PE.
(Print complete name of corporate officer/authorized representative)

2. I am an X officer or ____ authorized representative (Select one) of the Nongovernmental Entity. My title is: President.
(Print title of corporate officer/authorized representative)

3. I attest that the Nongovernmental Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes (2024), as may be amended or revised.

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

Signature of Officer or Representative: _____

Office Address: 5200 NW 33 Ave, Suite 211, Fort Lauderdale, Fl 33309

Email Address: proposals@hbcengineeringco.com

Main Phone Number: 305-232-7932 FEIN No.: 22-3936061

STATE OF Florida
COUNTY OF Miami- Dade

Sworn to and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 8 day of January, 2025, by Adebayo Coker, PE.
(Print name of corporate officer/representative)

_____
(Signature of Notary Public – State of FL)

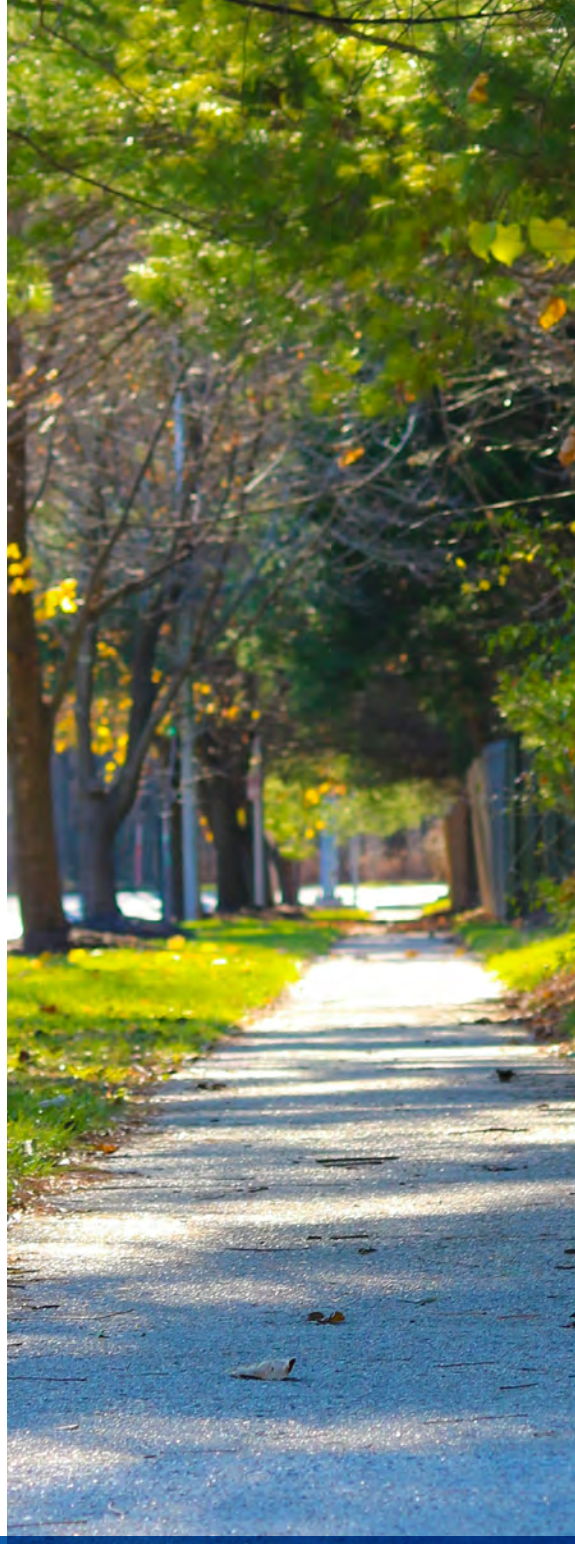
(NOTARY SEAL)

_____
Print, Type or Stamp Commissioned Name of Notary Public)

NATALIA NUNEZ-ELORZA
Notary Public
State of Florida
Comm# HH459503
Expires 10/30/2027

Personally Known ____ OR Produced Identification ____

Type of Identification Produced N/A



A. Business Licensure

HBC

Licenses and Certificates

HBC and all its subconsultants are in good standing and fully authorized to conduct business in the State of Florida. All required licenses, certifications, and registrations are current and valid. Supporting documentation is included in the following pages of this proposal.

HBC Engingeering Company's Licensure

State of Florida
Department of State

I certify from the records of this office that HBC ENGINEERING COMPANY is a corporation organized under the laws of the State of Florida, filed on June 15, 2006.

The document number of this corporation is P06000082280.

I further certify that said corporation has paid all fees due this office through December 31, 2026, that its most recent annual report/uniform business report was filed on January 12, 2026, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

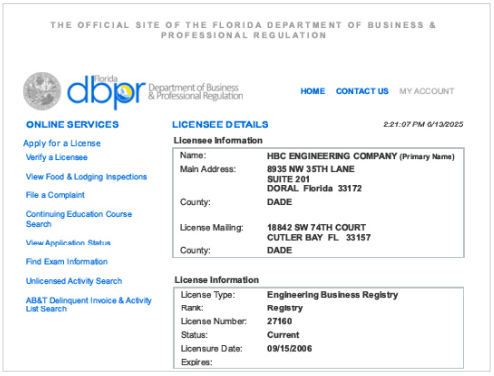
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twelfth day of January, 2026

Secretary of State

Tracking Number: 916224078OCC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication



THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

dbpr Department of Business & Professional Regulation

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ONLINE SERVICES

Apply for a License
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Unlicensed Activity Search
AB&T Delinquent Invoice & Activity List Search

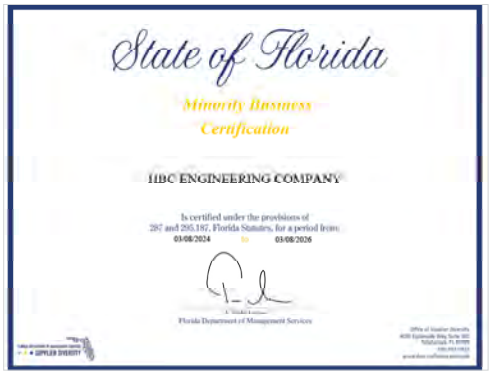
LICENSEE DETAILS 2:21:07 PM 6/13/2025

Licensee Information

Name:	HBC ENGINEERING COMPANY (Primary Name)
Main Address:	8935 NW 35TH LANE SUITE 201 DORAL Florida 33172
County:	DADE
License Mailing:	18842 SW 74TH COURT CUTLER BAY FL 33157
County:	DADE

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	27160
Status:	Current
Licensure Date:	09/15/2006
Expires:	



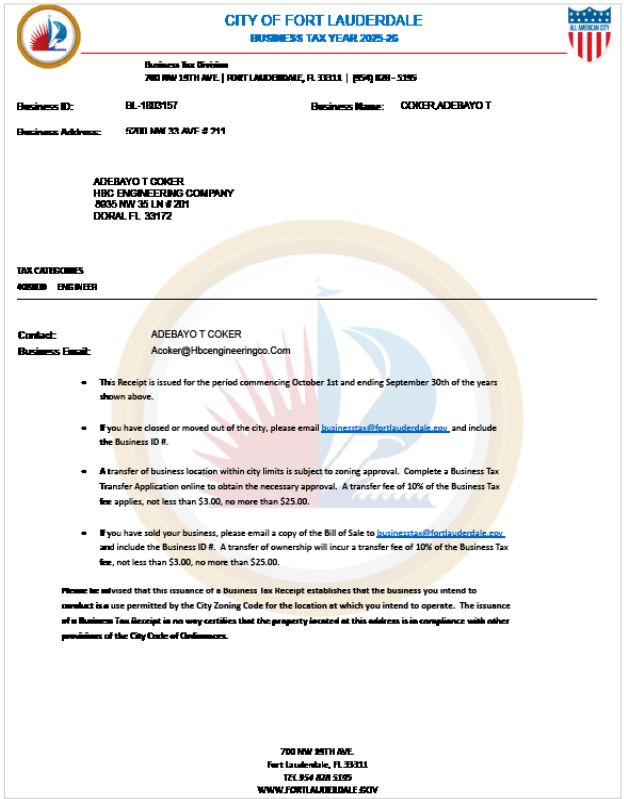
State of Florida

Minority Business Certification

HBC ENGINEERING COMPANY

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from: 03/08/2024 to 03/08/2026

Florida Department of Management Services



CITY OF FORT LAUDERDALE
BUSINESS TAX YEAR 2025-26

Business Tax Division
700 NW 19TH AVE. | FORT LAUDERDALE, FL 33311 | (954) 828 - 5195

Business ID: BL-18B3157 Business Name: COKER,ADEBAYO T

Business Address: 5200 NW 33 AVE # 211

ADEBAYO T COKER
HBC ENGINEERING COMPANY
8935 NW 35 LN # 201
DORAL FL 33172

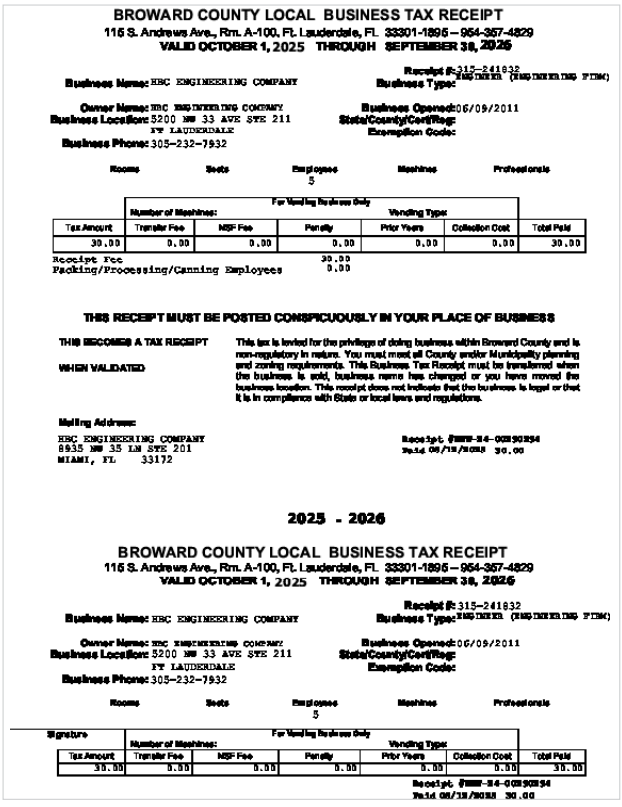
TAX CATEGORIES
4205ID ENGINEER

Contact: ADEBAYO T COKER
Business Email: Acoker@Hbcengineeringco.Com

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email businesstax@fortlauderdale.gov and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than $3.00, no more than $25.00.
- If you have sold your business, please email a copy of the Bill of Sale to businesstax@fortlauderdale.gov and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than $3.00, no more than $25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

700 NW 19TH AVE.
Fort Lauderdale, FL 33311
TEL 954 828 5195
WWW.FORTLAUDERDALE.GOV



BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 315-241832
Business Name: HBC ENGINEERING COMPANY Business Type: ENGINEER (ENGINEERING FIRM)
Owner Name: HBC ENGINEERING COMPANY
Business Location: 5200 NW 33 AVE STE 211 FT LAUDERDALE
Business Opened: 06/09/2011
State/County/Cert/Reg:
Exemption Code:
Business Phone: 305-232-7932

Rooms	Seats	Employees	Machines	Professionals
		5		

For Vending Business Only
Number of Machines: Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt Fee 30.00
Packing/Processing/Canning Employees 0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:
HBC ENGINEERING COMPANY
8935 NW 35 LN STE 201
MIAMI, FL 33172

Receipt #: BTR-24-00290354
Paid 09/19/2025 30.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 315-241832
Business Name: HBC ENGINEERING COMPANY Business Type: ENGINEER (ENGINEERING FIRM)
Owner Name: HBC ENGINEERING COMPANY
Business Location: 5200 NW 33 AVE STE 211 FT LAUDERDALE
Business Opened: 06/09/2011
State/County/Cert/Reg:
Exemption Code:
Business Phone: 305-232-7932

Rooms	Seats	Employees	Machines	Professionals
		5		

Signature

For Vending Business Only
Number of Machines: Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt #: BTR-24-00290354
Paid 09/19/2025 30.00

KCI Technologies Licensure

State of Florida
Department of State

I certify from the records of this office that KCI TECHNOLOGIES, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on April 19, 1989.

The document number of this corporation is P23975.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 8, 2025, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eighth day of January, 2025

Secretary of State

Tracking Number: 0029241123CU

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

Florida dbpr Department of Business & Professional Regulation

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File a Complaint
Continuing Education Course Search
View Application Status
Find Exam Information
Unlicensed Activity Search
AB&T Delinquent Invoice & Activity List Search

LICENSEE DETAILS 9:26:50 AM 8/15/2025

Licensee Information

Name:	KCI TECHNOLOGIES, INC. (Primary Name)
Main Address:	936 RIDGEBROOK ROAD SPARKS Maryland 21152
County:	OUT OF STATE
License Location:	4041 CRESCENT PARK DRIVE RIVERVIEW FL 33578
County:	HILLSBOROUGH

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	4898
Status:	Current
Licensure Date:	01/11/1988
Expires:	

Special Qualifications | **Qualification Effective**

Alternate Names

View Related License Information
View License Complaint

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: Customer Contact Center :: Customer Contact Center: 850.487.1395

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Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our Chapter 455 page to determine if you are affected by this change.

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 316-297151
Business Name: KCI TECHNOLOGIES INC
Business Type: ARCHITECT (LANDSCAPE ARCHITECT BUSINESS)
Owner Name: KCI TECHNOLOGIES INC
Business Location: 1425 W CYPRESS RD STE 101 FT LAUDERDALE
Business Phone: 4103167800
Business Opened: 02/21/2019
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		77		

For Vending Business Only
Number of Machines: Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	0.00	0.00	0.00	45.00

Receipt Fee 45.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT
WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

KCI TECHNOLOGIES INC
936 RIDGEBROOK RD
SPARKS, MD 21152-9390

Receipt #WWW-24-00299766
Paid 09/08/2025 45.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 316-297151
Business Name: KCI TECHNOLOGIES INC
Business Type: ARCHITECT (LANDSCAPE ARCHITECT BUSINESS)
Owner Name: KCI TECHNOLOGIES INC
Business Location: 1425 W CYPRESS RD STE 101 FT LAUDERDALE
Business Phone: 4103167800
Business Opened: 02/21/2019
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		77		

Signature

For Vending Business Only
Number of Machines: Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	0.00	0.00	0.00	45.00

Receipt #WWW-24-00299766
Paid 09/08/2025 45.00

Longitude Surveyors Licensure

State of Florida
Department of State

I certify from the records of this office that LONGITUDE SURVEYORS, LLC is a limited liability company organized under the laws of the State of Florida, filed on March 12, 2004.

The document number of this limited liability company is L04000019574.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on January 6, 2025, and that its status is active.

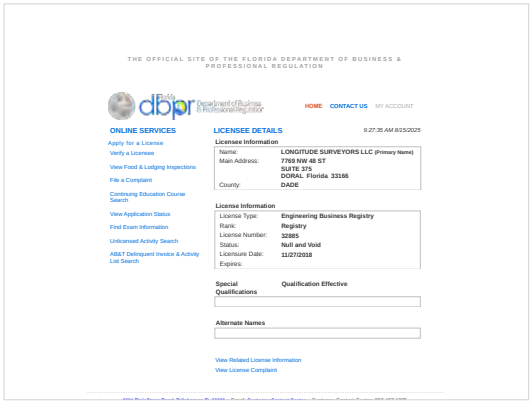
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixth day of January, 2025

Secretary of State

Tracking Number: 0971349537CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication



THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

dbpr Department of Business & Professional Regulation

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File a Complaint
Continuing Education Course Search
View Application Status
Find Exam Information
Unlicensed Activity Search
AB&T Delinquent Invoice & Activity List Search

LICENSEE DETAILS 9:27:35 AM 8/15/2025

Licensee Information

Name:	LONGITUDE SURVEYORS LLC (Primary Name)
Main Address:	7769 NW 48 ST SUITE 375 DORAL Florida 33166
County:	DADE

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	32885
Status:	Null and Void
Licensure Date:	11/27/2018
Expires:	

Special Qualifications	Qualification Effective

Alternate Names

View Related License Information
View License Complaint

BROWARD COUNTY FLORIDA
OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

CERTIFIED

OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

THIS CERTIFICATE IS AWARDED TO

Longitude Surveyors, LLC

AS SET FORTH IN THE BROWARD COUNTY BUSINESS OPPORTUNITY ACT, THE CERTIFICATION REQUIREMENTS HAVE BEEN MET FOR:

County Business Enterprise (CBE)

SANDY-MICHAEL MCDONALD

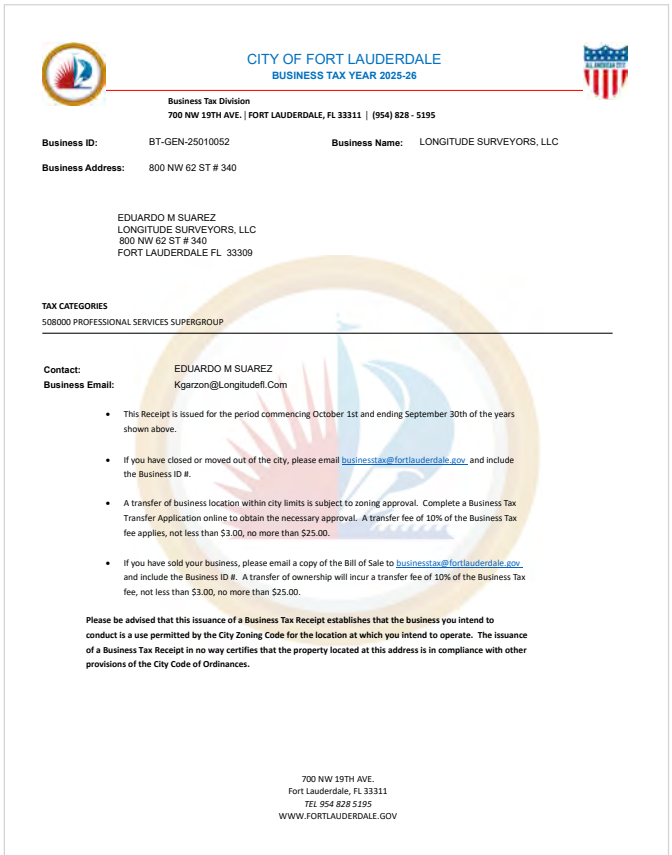
Digitally signed by SANDY-MICHAEL MCDONALD
Date: 2025.01.16 17:23:54 -05'00'

Anniversary Date: January 16th

THE OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT MUST BE NOTIFIED WITHIN 30 DAYS OF ANY MATERIAL CHANGES IN THE BUSINESS WHICH MAY AFFECT OWNERSHIP AND CONTROL. FAILURE TO DO SO MAY RESULT IN THE REVOCATION OF THIS CERTIFICATE AND/OR IMPOSITION OF OTHER SANCTIONS.

A SERVICE OF THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS
BROWARD.ORG/ECONDEV

GOVERNMENTAL CENTER ANNEX 115 S. ANDREWS AVENUE, ROOM A680 FORT LAUDERDALE, FL 33301
TEL: 954-357-6400 • EMAIL: SBCERT@BROWARD.ORG • TTY: 954-357-5664



CITY OF FORT LAUDERDALE
BUSINESS TAX YEAR 2025-26

Business Tax Division
700 NW 19TH AVE. | FORT LAUDERDALE, FL 33311 | (954) 828 - 5195

Business ID: BT-GEN-25010052 **Business Name:** LONGITUDE SURVEYORS, LLC

Business Address: 800 NW 62 ST # 340

EDUARDO M SUAREZ
LONGITUDE SURVEYORS, LLC
800 NW 62 ST # 340
FORT LAUDERDALE FL 33309

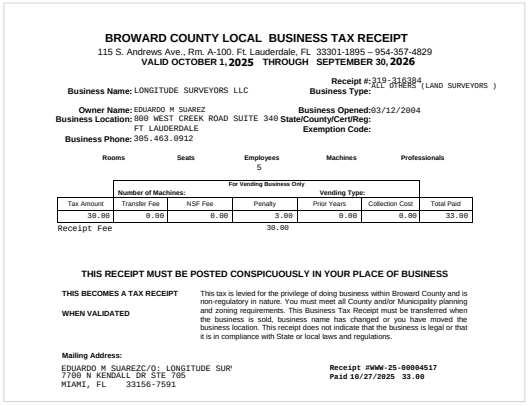
TAX CATEGORIES
508000 PROFESSIONAL SERVICES SUPERGROUP

Contact: EDUARDO M SUAREZ
Business Email: Kgarzon@Longitudefl.Com

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email businesstax@fortlauderdale.gov and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than $3.00, no more than $25.00.
- If you have sold your business, please email a copy of the Bill of Sale to businesstax@fortlauderdale.gov and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than $3.00, no more than $25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

700 NW 19TH AVE.
Fort Lauderdale, FL 33311
TEL 954 828 5195
WWW.FORTLAUDERDALE.GOV



BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 319-316384
Business Name: LONGITUDE SURVEYORS LLC **Business Type:** ALL OTHERS (LAND SURVEYORS)

Owner Name: EDUARDO M SUAREZ **Business Opened:** 03/12/2004
Business Location: 800 WEST CREEK ROAD SUITE 340 FT LAUDERDALE **State/County/Cert/Reg:**
Exemption Code:
Business Phone: 305.463.0912

Rooms	Seats	Employees	Machines	Professionals
		5		

For Vending Business Only — Number of Machines: — Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	3.00	0.00	0.00	33.00
Receipt Fee			30.00			

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:
EDUARDO M SUAREZC/O: LONGITUDE SUR
7700 N KENDALL DR STE 705
MIAMI, FL 33156-7591

Receipt #WWW-25-00004517
Paid 10/27/2025 33.00

State of Florida

Minority Business Certification

Longitude Surveyors, LLC

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:
07/30/2024 07/30/2026

Pedro Allende
Florida Department of Management Services

SUPPLIER DEVELOPMENT

Office of Supplier Development
4050 Esplanade Way, Suite 380
Tallahassee, Florida 32399
850-487-0915
www.dms.myflorida.com/osd

Arehna Engineering Licensure

State of Florida
Department of State

I certify from the records of this office that AREHNA ENGINEERING INC. is a corporation organized under the laws of the State of Florida, filed on December 24, 2008, effective January 1, 2009.

The document number of this corporation is P08000110763.

I further certify that said corporation has paid all fees due this office through December 31, 2026, that its most recent annual report/uniform business report was filed on January 5, 2026, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fifth day of January, 2026

Secretary of State

Tracking Number: 3989734405CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

BROWARD COUNTY FLORIDA — OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

CERTIFIED

THIS CERTIFICATE IS AWARDED TO

AREHNA ENGINEERING, INC.

AS SET FORTH IN THE BROWARD COUNTY BUSINESS OPPORTUNITY ACT, THE CERTIFICATION REQUIREMENTS HAVE BEEN MET FOR:

County Business Enterprise (CBE)

SANDY-MICHAEL MCDONALD

Digitally signed by SANDY-MICHAEL MCDONALD
Date: 2024.05.08 12:00:37 -04'00'

Anniversary Date: May 2nd

THE OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT MUST BE NOTIFIED WITHIN 30 DAYS OF ANY MATERIAL CHANGES IN THE BUSINESS WHICH MAY AFFECT OWNERSHIP AND CONTROL. FAILURE TO DO SO MAY RESULT IN THE REVOCATION OF THIS CERTIFICATE AND/OR IMPOSITION OF OTHER SANCTIONS.

A SERVICE OF THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS

BROWARD.ORG/ECONDEV

GOVERNMENTAL CENTER ANNEX 115 S. ANDREWS AVENUE, ROOM A580 FORT LAUDERDALE, FL 33301
TEL: 954-357-6400 • EMAIL: SBCERT@BROWARD.ORG • TTY: 954-357-5664

State of Florida

Woman Business Certification

AREHNA Engineering, Inc.

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:

06/30/2025 — 06/30/2027

Pedro Allende
Florida Department of Management Services

Office of Supplier Development
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399-0950
850-487-2015
www.dms.myflorida.com/osd

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829

VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 315-266117

Business Name: AREHNA ENGINEERING
Business Type: ENGINEER (ENGINEER)

Owner Name: AREHNA ENGINEERING
Business Location: 5389 N NOB HILL RD SUNRISE
Business Phone: 8139443464

Business Opened: 09/15/2013
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		1		

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt Fee 30.00
Packing/Processing/Canning Employees 0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

AREHNA ENGINEERING
5389 N NOB HILL RD
SUNRISE, FL 33351-4761

Receipt #WWW-24-00283257
Paid 07/17/2025 30.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829

VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 315-266117

Business Name: AREHNA ENGINEERING
Business Type: ENGINEER (ENGINEER)

Owner Name: AREHNA ENGINEERING
Business Location: 5389 N NOB HILL RD SUNRISE
Business Phone: 8139443464

Business Opened: 09/15/2013
State/County/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		1		

Signature

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt #WWW-24-00283257
Paid 07/17/2025 30.00

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

dbpr — Department of Business & Professional Regulation

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View Fee and Lodging Inspections
File a Complaint
Continuing Education Course Search
View Application Status
Find Exam Information
Unlicensed Activity Search
AB&T Delinquent Invoice & Activity List Search

Licensee

Name: AREHNA ENGINEERING, INC.
License Number: 28410
Rank: Registry
License Expiration Date:
Primary Status: Current
Original License Date: 02/19/2009

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
68440	Current, Active	MCRORY, JESSICA ANN	Registry	02/19/2009	Professional Engineer	02/28/2027

Media Relations Group Licensure

State of Florida
Department of State

I certify from the records of this office that MEDIA RELATIONS GROUP, LLC is a limited liability company organized under the laws of the State of Florida, filed on July 25, 2003.

The document number of this limited liability company is L03000027416.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on January 17, 2025, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Seventeenth day of January, 2025

Secretary of State

Tracking Number: 9947314742CC

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

BROWARD COUNTY FLORIDA
OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

CERTIFIED

OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

THIS CERTIFICATE IS AWARDED TO

MEDIA RELATIONS GROUP, LLC

AS SET FORTH IN THE BROWARD COUNTY BUSINESS OPPORTUNITY ACT THE CERTIFICATION REQUIREMENTS HAVE BEEN MET FOR:

County Business Enterprise (CBE) and Small Business Enterprise (SBE)

SANDY-MICHAEL MCDONALD Digitally signed by SANDY-MICHAEL MCDONALD Date: 2024.07.24 13:42:29 -04'00'

AUTHORIZED REPRESENTATIVE

Anniversary Date: July 16th

THE OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT MUST BE NOTIFIED WITHIN 30 DAYS OF ANY MATERIAL CHANGES IN THE BUSINESS WHICH MAY AFFECT OWNERSHIP AND CONTROL. FAILURE TO DO SO MAY RESULT IN THE REVOCATION OF THIS CERTIFICATE AND/OR IMPOSITION OF OTHER SANCTIONS.

A SERVICE OF THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS
BROWARD.ORG/SMALLBUSINESS

GOVERNMENTAL CENTER ANNEX 115 S. ANDREWS AVENUE, ROOM A680 FORT LAUDERDALE, FL 33301
TEL: 954-357-6400 • FAX: 954-357-5674 • TTY: 954-357-5664

State of Florida

Woman & Minority Business Certification

Media Relations Group, LLC

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:

11/16/2023 11/16/2025

J. Todd Inman
Florida Department of Management Services

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829

VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 327-9553
Business Name: MEDIA RELATIONS GROUP LLC
Business Type: BUSINESS/FINANCIAL/CONSULTANT (PUBLIC RELATIONS CONSULTANT)
Owner Name: MEDIA RELATIONS GROUP LLC
Business Opened: 07/12/2004
Business Location: 110 E BROWARD BLVD STE 1758 FT LAUDERDALE
State/County/Cert/Reg:
Exemption Code:
Business Phone: 786-280-6645

Rooms	Seats	Employees	Machines	Professionals
		4		

Signature

For Vending Business Only — Number of Machines: — Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
33.00	0.00	0.00	0.00	0.00	0.00	33.00

Receipt Fee 33.00
Packing/Processing/Canning Employees 0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

MEDIA RELATIONS GROUP LLC
110 E BROWARD BLVD STE 1758
FORT LAUDERDALE, FL
33301-3503

Receipt #WWW-24-00285698
Paid 07/25/2025 33.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829

VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Receipt #: 327-9553
Business Name: MEDIA RELATIONS GROUP LLC
Business Type: BUSINESS/FINANCIAL/CONSULTANT (PUBLIC RELATIONS CONSULTANT)
Owner Name: MEDIA RELATIONS GROUP LLC
Business Opened: 07/12/2004
Business Location: 110 E BROWARD BLVD STE 1758 FT LAUDERDALE
State/County/Cert/Reg:
Exemption Code:
Business Phone: 786-280-6645

Rooms	Seats	Employees	Machines	Professionals
		4		

Signature

For Vending Business Only — Number of Machines: — Vending Type:

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
33.00	0.00	0.00	0.00	0.00	0.00	33.00

Receipt #WWW-24-00285698
Paid 07/25/2025 33.00

DIVISION OF CORPORATIONS

Sunbiz.org DIVISION of CORPORATIONS an official State of Florida website

Department of State / Division of Corporations / Search Records / Search by Entity Name /

Detail by Entity Name

Florida Limited Liability Company
MEDIA RELATIONS GROUP, LLC

Filing Information

Document Number	L03000027416
FEI/EIN Number	20-0118620
Date Filed	07/25/2003
State	FL
Status	ACTIVE
Last Event	AMENDMENT
Event Date Filed	04/09/2004
Event Effective Date	NONE

Principal Address

14707 SOUTH DIXIE HWY
SUITE 404
MIAMI, FL 33176

Changed: 01/16/2019

Mailing Address

14707 SOUTH DIXIE HWY
SUITE 404
MIAMI, FL 33176

Changed: 01/16/2019

Registered Agent Name & Address

GONZALEZ, OSCAR III
14707 SOUTH DIXIE HWY
SUITE 404
MIAMI, FL 33176

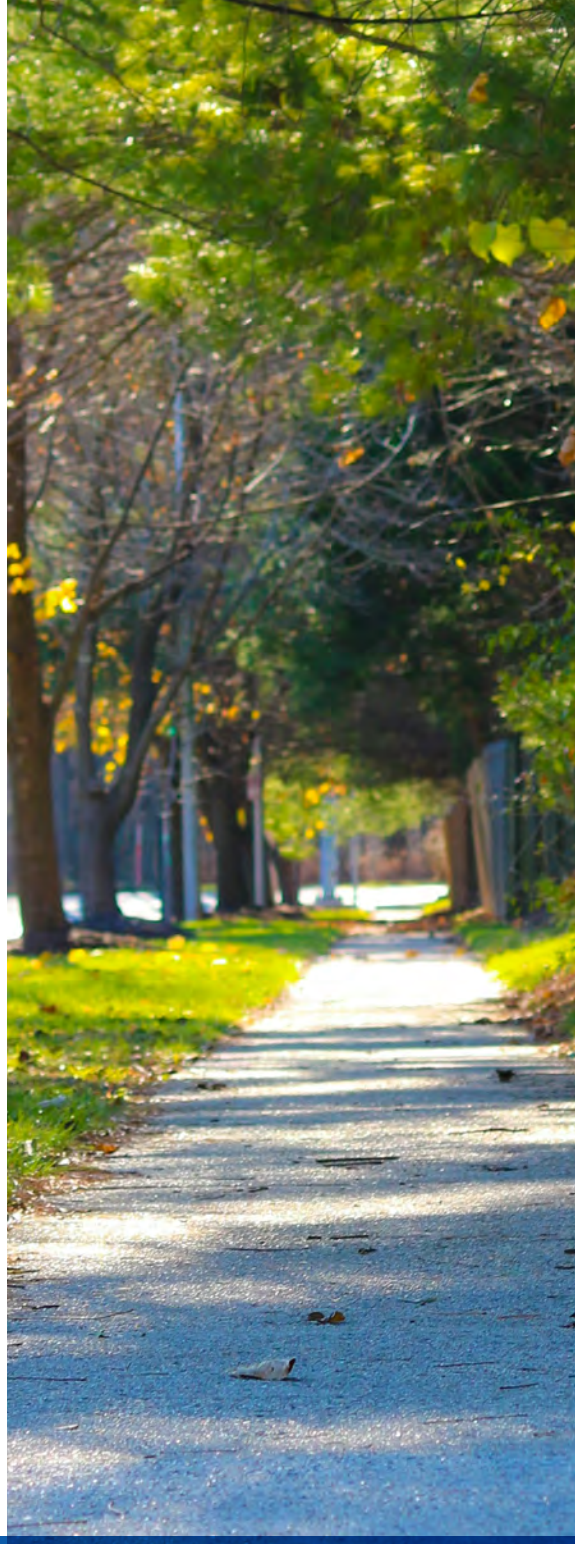
Name Changed: 02/16/2011

Address Changed: 01/16/2019

Authorized Person(s) Detail

Name & Address

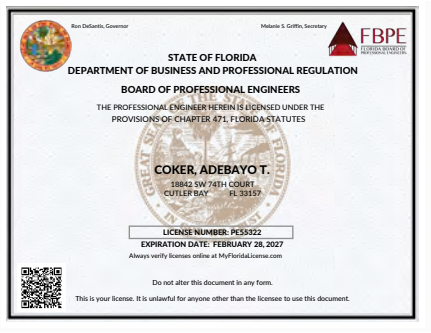
Title MGR



B. Personal Licensure

HBC

Prime Personnel Licensure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Certificate # 83354
Instructor: Jorge Goyanes
FDOT Provider # 215
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Phone: 305-364-5272
7225 NW 25th Street, Suite 100
Miami, FL 33166
www.encobridge.net
encobridge@gmail.com
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Awarded this 3rd day of June, 2022
3DH
Provider Number: 0008177
CEH:24


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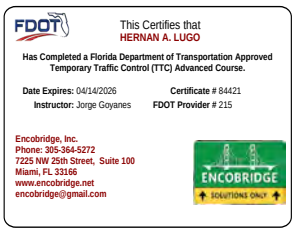
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This Certifies that
HERNAN A. LUGO
Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.
Date Expires: 04/14/2026
Certificate # 84421
Instructor: Jorge Goyanes
FDOT Provider # 215
Encobridge, Inc.
Phone: 305-364-5272
7225 NW 25th Street, Suite 100
Miami, FL 33166
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encobridge@gmail.com
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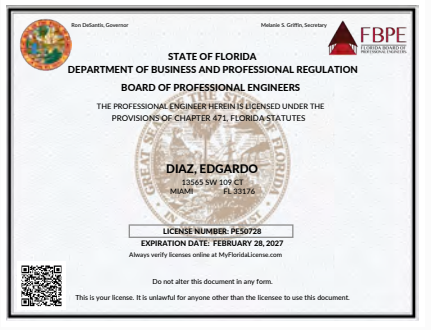
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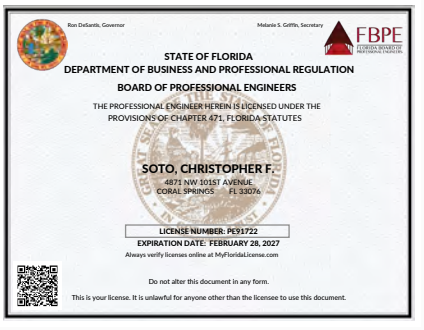
WILTON SIMPSON, COMMISSIONER
This is to certify that
EDGARDO DIAZ
has furnished satisfactory evidence of attainments and qualifications, and has complied with all of Chapter 472, Florida Statutes, and is hereby duly licensed as a
Professional Surveyor and Mapper
In conformity with an act of the Legislature of the state of Florida, creating and regulating that profession.
License Number: LS7484
Licensed Date: JUNE 2, 2023
WILTON SIMPSON
Commissioner, Florida Department of Agriculture and Consumer Services
DAVID W. SCHREYER
Chair, Florida Board of Professional Surveyors and Mappers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CERTIFICATE
OF COMPLETION
CHRISTOPHER SOTO
Has Completed a FDOT Approved Temporary Traffic Control (TTC) Advanced Course
Training Provider:
Encobridge, Inc.
7225 NW 25th Street, Suite 100
Miami FL 33166
Phone: 305-364-5272
Verify this Certificate by visiting www.motadmin.com
04/24/2025 Issue Date
04/22/2029 Expiration Date
JG Instructor
639903 Certificate No.
FDOT


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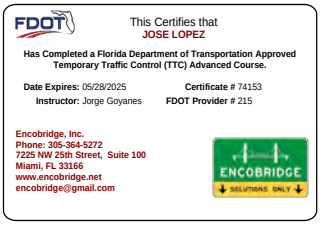
FDOT
This Certifies that
JOSE LOPEZ
Has Completed a Florida Department of Transportation Approved Temporary Traffic Control (TTC) Advanced Course.
Date Expires: 05/28/2025
Certificate # 74153
Instructor: Jorge Goyanes
FDOT Provider # 215
Encobridge, Inc.
Phone: 305-364-5272
7225 NW 25th Street, Suite 100
Miami, FL 33166
www.encobridge.net
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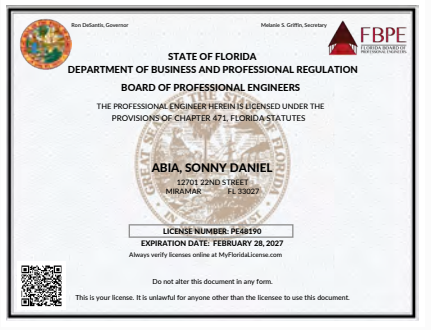
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EFFECTIVE DATE: 03/31/2015
EXPIRATION DATE: 03/31/2027
ISSUED TO: Adelbert John Shaffer, Jr
REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S):
7937354-2202 Professional Engineer
SIGNATURE OF HOLDER

Prime Personnel Licensure


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Awarded this 3rd day of June, 2022
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Provider Number: 0008177
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is recognized for
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3DH
Provider Number: 0008177
CEH:24


IMSA
Eugene A. Hunter
is hereby certified as a
Renewal IMSA Roadway Lighting Tech I
by completing all requirements and examination for certification on 1/18/2024
Valid thru 1/18/2027
Certification #RR_122758
Toby Cummings - Executive Director


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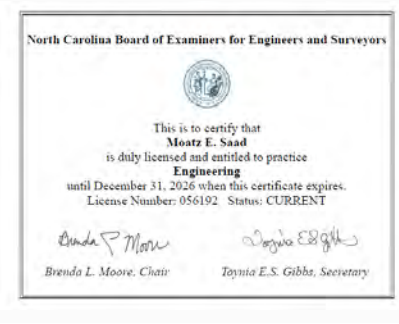
North Carolina Board of Examiners for Engineers and Surveyors
This is to certify that
Moatz E. Saad
is duly licensed and entitled to practice
Engineering
until December 31, 2026 when this certificate expires.
License Number: 056192 Status: CURRENT
Brenda L. Moore, Chair
Taynia E.S. Gibbs, Secretary


IMSA
Moatz Saad
is hereby certified as a
IMSA Traffic Signal Field Tech II - Renewal
by completing all requirements and examination for certification on 8/12/2024
Valid thru 8/12/2027
Certification #
Toby Cummings - Executive Director


IMSA
Jeremy T.L. Braithwaite
is hereby certified as a
IMSA Traffic Signal Field Tech II - Renewal
by completing all requirements and examination for certification on 8/15/2024
Valid thru 8/12/2027
Certification #BE_131500


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Valid thru 8/2/2027
Certification #CE_131518


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Valid thru 9/13/2027
Certification #CE_132814

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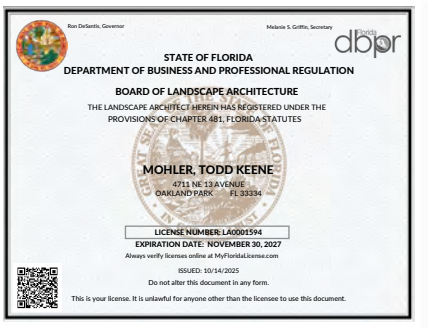
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For more information:

Hernan Lugo, MS, PE, CFM
Project Manager
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proposals@hbcengineeringco.com

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