

## HBC Engineering Company's - Personnel Licensure

Ron DeSantis, Governor  
Melanie S. Griffin, Secretary

**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**BOARD OF PROFESSIONAL ENGINEERS**

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**BARRERA, GONZALO EDUARDO**  
8652 SW 208 TERR  
MIAMI FL 33189

**LICENSE NUMBER: PE94260**  
**EXPIRATION DATE: FEBRUARY 28, 2027**  
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Ron DeSantis, Governor  
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**BOARD OF PROFESSIONAL ENGINEERS**

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**PENATE, ORLANDO RANYER**  
12724 NW 6TH LN  
MIAMI FL 33182

**LICENSE NUMBER: PE80385**  
**EXPIRATION DATE: FEBRUARY 28, 2027**  
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**Infraspection Institute**

**CERTIFIED INFRARED THERMOGRAPHER**  
Level-6 No. 17022

**Orlando Penate**

Has satisfactorily completed the Infraspection Institute Level-6 training course and Examination in the qualitative theory and application of stress thermal imaging equipment and is a Level-6 Certified Infrared Thermalographer. This certifies that the registrant is in compliance with the American Society for Nondestructive Testing (ASTM) Standard E1104-11C-14.

*[Signature]*  
Director

Continuing Education Hours: 32

**Orlando Penate**  
is hereby certified as a  
**IMSA Traffic Signal Field Tech II - Renewal**  
by completing all requirements and examination for certification on 7/1/2024

Valid thru 7/1/2027  
Certification #BE\_131518

*[Signature]*  
Certification Director

**Achievement Certificate**

This Acknowledges That  
**Orlando Penate, PE #0385**  
is recognized for  
**ORD 3D Modeling**  
Awarded this 3rd day of June, 2022

*[Signatures]*  
Florida Association of Professional Engineers (000177)  
HBC Engineering, Inc. (000177)  
Engineering & Construction Professionals of Florida (000177)

Ron DeSantis, Governor  
Melanie S. Griffin, Secretary

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**FIALLO NUNEZ, MAIKEL**  
3436 SW 16 TERR  
MIAMI FL 33145

**LICENSE NUMBER: PE94434**  
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### HBC Engineering Company's - Personnel Licensure


**State of Florida**  
Board of Professional Engineers

**Joseph Adrian Maceo**  
*has satisfactorily demonstrated qualifications in engineering fundamentals, technical subjects, mathematics, and basic sciences, and is hereby recognized as an*  
**Engineer Intern**

*In Testimony whereof, witness the signature of the Chair under the seal of the Board this 11th day of January, 2024.*




*Dylan Albergro*  
Dylan Albergro, PE  
Chair



**State of Florida**  
Board of Professional Engineers

**Derrek Osemudiamen Okosun**  
*has satisfactorily demonstrated qualifications in engineering fundamentals, technical subjects, mathematics, and basic sciences, and is hereby recognized as an*  
**Engineer Intern**

*In Testimony whereof, witness the signature of the Chair under the seal of the Board this 27th day of December, 2024.*




*Dylan Albergro*  
Dylan Albergro, PE  
Chair




**State of Florida**  
Board of Professional Engineers

**Yissell A. Navarro Sanchez**  
*has satisfactorily demonstrated qualifications in engineering fundamentals, technical subjects, mathematics, and basic sciences, and is hereby recognized as an*  
**Engineer Intern**

*In Testimony whereof, witness the signature of the Chair under the seal of the Board this 23rd day of September, 2023.*



*Dylan Albergro*  
Dylan Albergro, PE  
Chair



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**BOARD OF PROFESSIONAL ENGINEERS**

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**TEFEL, TEODORO J.**  
15421 SW 47 STREET  
MIAMI FL 33185

**LICENSE NUMBER: PE50106**  
**EXPIRATION DATE: FEBRUARY 28, 2027**  
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**Achievement Certificate**

This Acknowledges That

**Teodoro Tefel, PE 50106**

is recognized for

**ORD 3D Modeling**

Awarded this 1st day of June, 2023







Member Number: 0030173     SDH     CEI 24


**State of Florida**  
Board of Professional Engineers

**David Abiodun Coker**  
*Has satisfactorily demonstrated qualifications in engineering, fundamentals, technical subjects, mathematics and basic sciences and is hereby recognized as an*  
**Engineer Intern**

*In Testimony whereof, witness the signature of the Chair under the seal of the Board this 26th day of February, 2020.*



*Ruba Vaughne*  
Ruba Vaughne  
Chair



## HBC Engineering Company's - Personnel Licensure

Ron DeSantis, Governor  
Melanie S. Griffin, Secretary

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**BUSTAMANTE, CLAUDIA PATRICIA**  
8935 NW 35TH LANE  
SUITE 201  
DORAL FL 33172

**LICENSE NUMBER: PE87381**  
**EXPIRATION DATE: FEBRUARY 28, 2027**  
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State of Florida  
Board of Professional Engineers  
**Ynaja Juste**  
*This recipient has demonstrated qualifications in engineering, fundamentals, technical subjects, mathematics, and basic sciences, and is hereby recognized as an:*  
*Engineer Intern*

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**FDOT**

*Ynaja Juste*

**Certificate:**  
**620323**

**Issued:** 02/16/2024  
**Expires:** 02/06/2028  
**Instructor:** J G

Has Completed a FDOT Approved Temporary Traffic Control: Advanced Course.

**Training Provider:**  
Encobridge, Inc.  
7225 NW 25th Street, Suite 100  
Miami, FL 33166  
Ph: 305-364-5272

Verify this Certificate at [www.motadmin.com](http://www.motadmin.com).

Ron DeSantis, Governor  
Melanie S. Griffin, Secretary

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**SOTO, CHRISTOPHER F.**  
4871 NW 101ST AVENUE  
CORAL SPRINGS FL 33076

**LICENSE NUMBER: PE91722**  
**EXPIRATION DATE: FEBRUARY 28, 2027**  
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**Infraspection Institute**

**CERTIFIED INFRARED THERMOGRAPHER**  
Level-II No. 14894

**Christopher Soto**

Has satisfactorily completed the Infraspection Institute Level-II training course and demonstrated in the laboratory theory and application of infrared thermal imaging equipment, and is a Level-II Certified Infrared Thermographer. This course meets the requirements for Level-II Infrared Thermographer as the Thermal Infrared Training Manual in accordance with the American Society for Nondestructive Testing document, SNT-TC-1A.

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**FDOT**

**CHRISTOPHER SOTO**

**Certificate:**  
**639903**

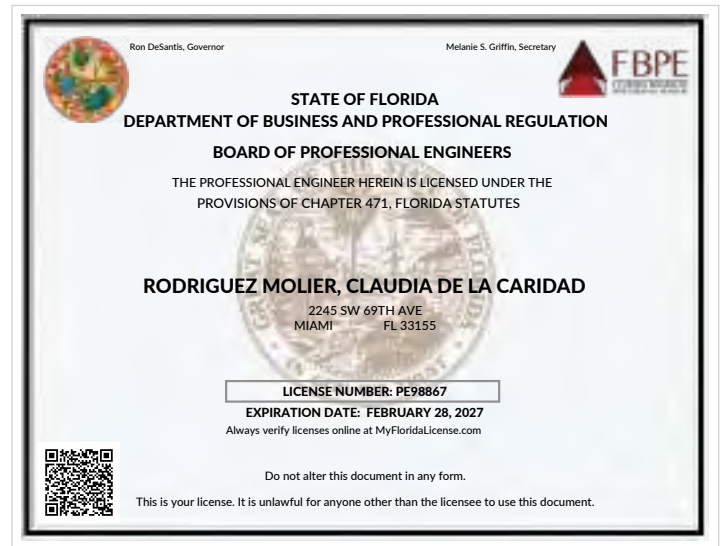
**Issued:** 04/24/2025  
**Expires:** 04/12/2029  
**Instructor:** J G

Has Completed a FDOT Approved Temporary Traffic Control: Advanced Course.

**Training Provider:**  
Encobridge, Inc.  
7225 NW 25th Street, Suite 100  
Miami, FL 33166  
Ph: 305-364-5272

Verify this Certificate at [www.motadmin.com](http://www.motadmin.com).

## HBC Engineering Company's - Personnel Licensure



## HBC Engineering Company's - Personnel Licensure

Ron DeSantis, Governor Melanie S. Griffin, Secretary


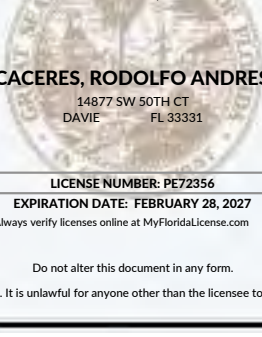

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**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
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**CACERES, RODOLFO ANDRES**  
 14877 SW 50TH CT  
 DAVIE FL 33331

**LICENSE NUMBER: PE72356**  
**EXPIRATION DATE: FEBRUARY 28, 2027**  
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**FDOT**

**CERTIFICATE OF QUALIFICATION**

**Rodolfo Caceres**

Has met the requirements for the Florida Department of Transportation qualification on:

**QC Manager**

04/26/2022	01/01/2099	3012027
Valid from	Expires	Certificate No.

Provider: Encobridge, Inc.

This certificate's validity can be verified at: [www.ctqpfloida.com](http://www.ctqpfloida.com)



Ron DeSantis, Governor Melanie S. Griffin, Secretary




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**ABIA, SONNY DANIEL**  
 12701 22ND STREET  
 MIRAMAR FL 33027

**LICENSE NUMBER: PE48190**  
**EXPIRATION DATE: FEBRUARY 28, 2027**  
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**CERTIFICATE OF COMPLETION**

*SONNY ABIA*

Has Completed a FDOT Approved Temporary Traffic Control (TTC) Advanced Course

Training Provider:

<small>T2 Centers University of Florida 2100 NE Waldo Road Gainesville FL 32609 Phone: 352-273-1670</small>	<small>Verify this Certificate by visiting <a href="http://www.motadmin.com">www.motadmin.com</a></small>
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03/19/2024	02/23/2028	J.M	621562
<small>Issue Date</small>	<small>Expiration Date</small>	<small>Instructor</small>	<small>Certificate No.</small>



*State of Florida*

*Board of Professional Engineers*

**Julia Mariel Beliz**

*has satisfactorily demonstrated qualifications in engineering fundamentals, technical subjects, mathematics, and basic sciences, and is hereby recognized as an*

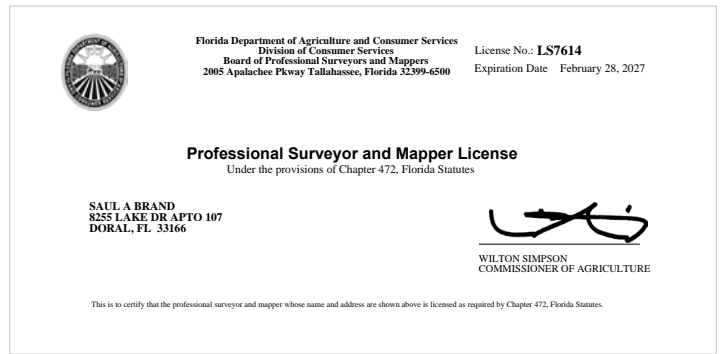
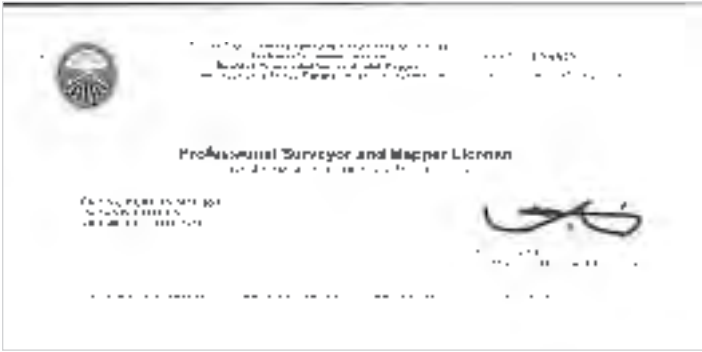
*Engineer Intern*

The Secretary certifies, across the signature of the State Engineer, the seal of the Board, the 20th day of June 2024

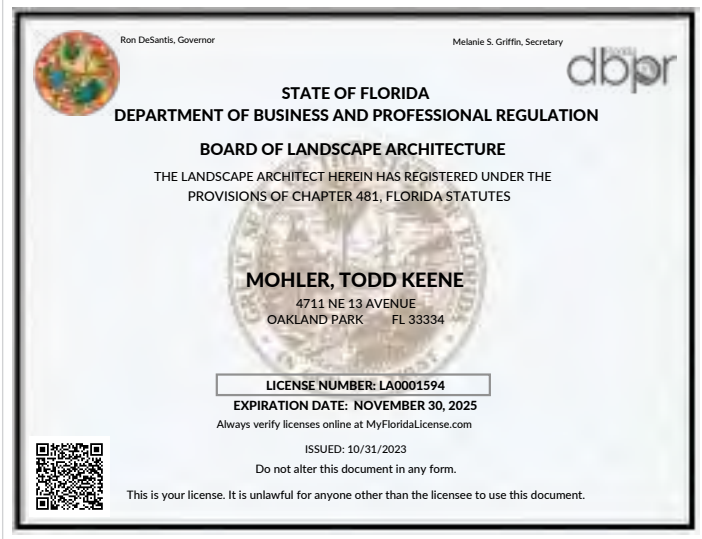
*Jeff Allmon*



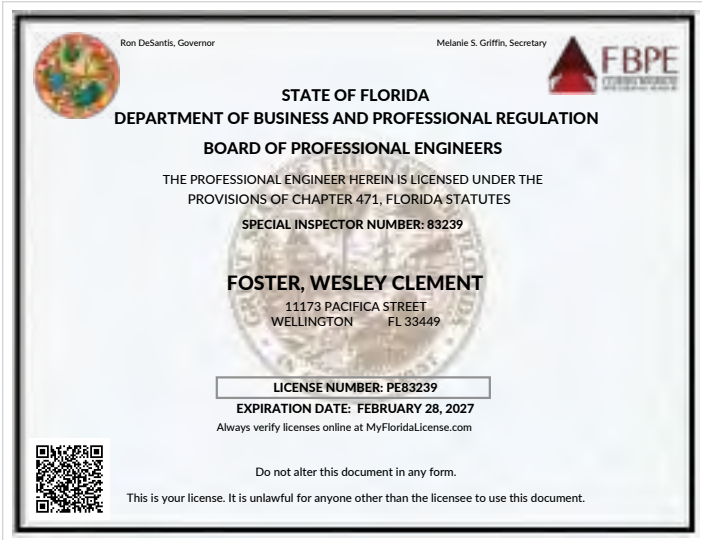

## GPI Geospatial, Inc. - Personnel Licensure



## KCI Technologies, Inc. - Personnel Licensure



## Pacifica Engineering Services, LLC - Personnel Licensure



## RES Florida Consulting, LLC - Personnel Licensure



## Janus Research, Inc. - Personnel Licensure





## Appendix C

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# Project Descriptions

# Hollywood Gardens Sidewalk Complete Streets Project

Florida Department of Transportation (FDOT) District 4



HBC provided design services for this Broward MPO-funded Complete Streets initiative in the Hollywood Gardens Beach area—bounded by Hollywood Boulevard, Johnson Street, SR 7/US 441, and 56th Avenue (the “Hollywood Big X”). The project aimed to enhance multimodal connectivity for pedestrians and cyclists, improve access to neighborhood commercial areas and transit, and implement traffic-calming measures.

HBC prepared construction documents and oversaw the design of an interconnected sidewalk network, designated and shared bicycle lanes, and other infrastructure improvements. The scope included sidewalk and driveway harmonization, repair of damaged sidewalks, minor drainage improvements, utility coordination, intersection lighting upgrades, offsite/on-street parking layout, landscape adjustments, R/W coordination, and permitting. Deliverables included typical sections, drainage structures, roadway plans, 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

## 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.

- 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.**

**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)



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

City of Hollywood



Funded by Broward County’s “Penny for Transportation” initiative, this Project Development and Environment (PD&E) study is focused on transforming Johnson Street in Hollywood, Florida, into a safer, more efficient corridor. As a Complete Streets project, it aims to enhance infrastructure for pedestrians, cyclists, and motorists, improving safety, accessibility, and mobility throughout the area.

The project scope includes the construction of new sidewalks, dedicated bicycle lanes, and traffic-calming measures to enhance pedestrian and cyclist safety. Additional upgrades, such as enhanced crosswalks, new street lighting, and traffic signal improvements, will ensure the corridor meets state and federal safety standards. Drainage improvements are also part of the project, designed to mitigate flooding and improve stormwater management, while landscaping and aesthetic enhancements will beautify the street and surrounding areas.

As part of the PD&E study, HBC is responsible for evaluating selected alternatives to optimize Johnson Street’s design. This includes the reconstruction of a 2-lane, 2-way roadway with a center turn lane, installation of new transit bus stops, and development of a comprehensive drainage system within the existing Right of Way (ROW). HBC’s role also encompasses conducting a Limited Topographic Survey, extensive data collection, and developing conceptual design alternatives. A critical part

## 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,

of the study involves traffic analysis of each alternative and coordinating public involvement to ensure the project aligns with community needs and expectations.

The project’s primary goal is to create a safer, more accessible transportation network that accommodates all modes of travel. As a Complete Streets initiative, it promotes walkability and cycling, reducing vehicle dependency and supporting environmental sustainability. Additionally, these improvements are expected to optimize traffic flow, alleviate congestion, and enhance the quality of life for residents, businesses, and commuters.

The Johnson Street project will have a significant impact by fostering safer and more efficient use of public roadways, aligning with Broward County’s broader Complete Streets objectives. These improvements are anticipated to increase pedestrian activity, stimulate local businesses, and contribute to a more connected, vibrant community.

**This project was completed on time and on budget.**

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**  
Local Agency  
Program (LAP)



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

FDOT District 4



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 the prime consultant, HBC was responsible for the development of the master plan, design criteria package, and preparation of construction documents in accordance with FDOT standards, current design bulletins, and field conditions. The scope of work included pavement milling and resurfacing, ADA-compliant sidewalk and ramp upgrades, widening of the existing shoulder to accommodate a 5-foot-wide paved bicycle lane with a 1-foot-wide unpaved shoulder, and restoration of grass swales in locations that had been overlaid with asphalt and exhibited drainage issues. HBC also performed drainage evaluation and design to address known 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

## 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.

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.**

### **Relevance to the Scope**

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



# SR 7/US 441 Transit Corridor Improvements

Florida Department of Transportation (FDOT) District 4



HBC provided design services for a Transit Corridor Improvements along SR 7/US 441 with the purpose of enhancing the corridor's transit passenger, bicycle and pedestrian experience through mobility as well as safety improvements along SR 7.

HBC was responsible for the design and preparation of overall construction documents based on current design criteria, bulletins and field conditions. Elements included development of CAP, general roadway and drainage reviews, signing and pavement marking, utilities and permit coordination, pedestrian signal and lighting enhancements, sidewalk and bicycle lane and landscaping enhancements.

This contract addressed improvements specified in the following Task Work Orders:

## **Task 1: SR 7/US 441 from Miami-Dade County Line to North of Sample Road and SR 858/Hallandale Beach Blvd. from Edmund Road to SW 58 Ave.**

- Intersection (37) improvements
- Sidewalk and bike lane improvements on Hallandale Beach Blvd. from east of SR 7 to SW 58th Ave.
- Signalized Pedestrian Crossing at SR-7/US 441 and NW 3rd Street.
- Hallandale Beach Blvd from Edmund Rd to SW 58th Ave.
- Sidewalk, bike lane and lighting improvements on SR 7/US 441 from Southgate Blvd. to the Cypress Creek Canal

### **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

**Task 2: SR 7/US 441 from Oakes Rd. and the New River Greenway and SR 838/Sunrise Blvd. from SR 7/ US 441 to NW 31st Ave.**

- Shared use path along the east side of SR 7/US 441 between Oakes Rd. and New River Greenway
- Sidewalk on east side of SR 7/ US 441 connecting Orange Dr. to Oakes Rd.
- Shared use path along North Fork New River between SR 7/ US 441 and NW 31st Ave.

**Task 3: SR 7/US 441 from Orange Drive to NW 31st Avenue.**

- Designed 6’ sidewalk on SR-7 from Orange Dr. to Oakes Rd.
- Developed 8’–12’ shared-use path from Oakes Rd. to nearby parks
- Added 10’ shared-use path along the C-12 Canal to NW 31st Ave.
- Included crosswalks, pedestrian lighting, and RRFB at NW 34th Ave.
- Designed drainage and landscaping; coordinated with SFWMD for permits.

**This project was completed on time and on budget.**

**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



**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  
Isalas@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

# 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.

## Location

Plantation, FL

## Dates

3/2020 - Ongoing

## Budget

Construction Cost: \$7M

## Reference

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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