

George Bush Boulevard Improvements Project

The City of Delray Beach, as project sponsor, requested that the Florida Department of Transportation (FDOT) District Four, design and construct these improvements through application to the Palm Beach Transportation Planning Agency and City of Delray Beach Resolution 06-18.



Project Overview

Purpose: Resurface the roadway, upgrade pedestrian signals, remove and replace concrete sidewalk and driveways, install new sidewalk connections to allow for a continuous path, perform signing and pavement marking upgrades, install underground infrastructure for future street lighting, and perform drainage and utility improvements

Length: 0.8 miles

Contractor: Hardrives of Delray, Inc.

Construction Start: July 16, 2021

Estimated Contract Cost: \$2M

Contract Time: 575 calendar days
(not including weather and holidays)

Estimated Completion: Summer 2023



Scope of Work - Roadway & Pedestrian Updates

- Upgrading features to current standards
 - Curb ramps
 - Signing and pavement markings
 - Drainage improvements including installation of French Drain
- Pedestrian feature upgrades
 - Pedestrian signal and detectors
 - Installation of infrastructure for pedestrian walkway lighting



Preconstruction Photos



Scope of Work - Improving Access

- Bike lanes
 - Modifying existing travel lanes to accommodate 5' bike lanes west of bridge (shared lane east of bridge)
 - Adding green pavement at right turn lanes
- Concrete sidewalk
 - Installation of new 5' sections along the north side of the roadway east of the railroad, and widening existing sections from 4' to 5' feet west of the railroad
 - Widening existing sidewalk from 4' to 5' along the south side of the road
 - Upgrading current sections to meet with American Disabilities Act (ADA) requirements



Preconstruction Photo



Green bike lane example



Construction Phasing & Traffic Impacts

- Work will be done in four (4) phases to minimize impacts to the construction corridor
- In compliance with the City of Delray Beach Noise Ordinance, work will take place during daytime hours:
 - Monday through Friday, 7 a.m. - 6 p.m.
 - Saturday, 8 a.m. - 4 p.m. (as needed)
- At St. Vincent Ferrer Catholic School, lane closures will be coordinated around school drop-off & pick-up times



Preconstruction Photo



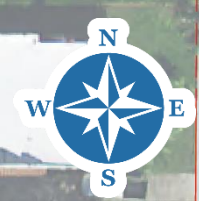
Construction Phasing & Traffic Impacts

- Traffic will be detoured as needed during daytime hours to install new drainage upgrades at six (6) locations
 - Advanced notice will be provided, and any motorist and pedestrian detours will be clearly marked
 - Business, resident, and emergency vehicle access will be maintained at all times
- Pedestrian and driveway access will be maintained at all times; single driveway construction will be done one half at a time
- Please note, no work will be performed along the existing steel grate bascule bridge on George Bush Boulevard over the Intracoastal Waterway



Preconstruction Photo





NE 2ND AVENUE

NE 2nd Avenue to just west of NE 3rd Avenue

BEGIN PROJECT
STA. 103+28.32
@ SURVEY GEORGE BUSH BLVD.
MP 0.982

BEGIN CONSTRUCTION/
BEGIN MILLING AND RESURFACING
(MATCH EXISTING PAVEMENT)
STA. 103+73.27
@ SURVEY GEORGE BUSH BLVD.

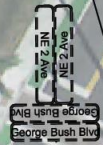
205
STUART & SHELBY
DEVELOPMENT, INC.

217
OPTOMETRIC
& INTERNAL
MEDICINE

229
PALM COAST
SURGICAL
ASSOCIATES

237
BETHESDA
HEALTH

255
FAMILY
DENTISTRY



GEORGE BUSH BOULEVARD

799
VASCULAR
ACCESS
SPECIALISTS



PALM COURT



226
HACKER
DERMATOLOGY

220
HENRY DEAN, P.A.

230
OLD
HACKER
DERMATOLOGY

HISTORIC
DEL-IDA PARK
PROFESSIONAL
DISTRICT

LEGEND:

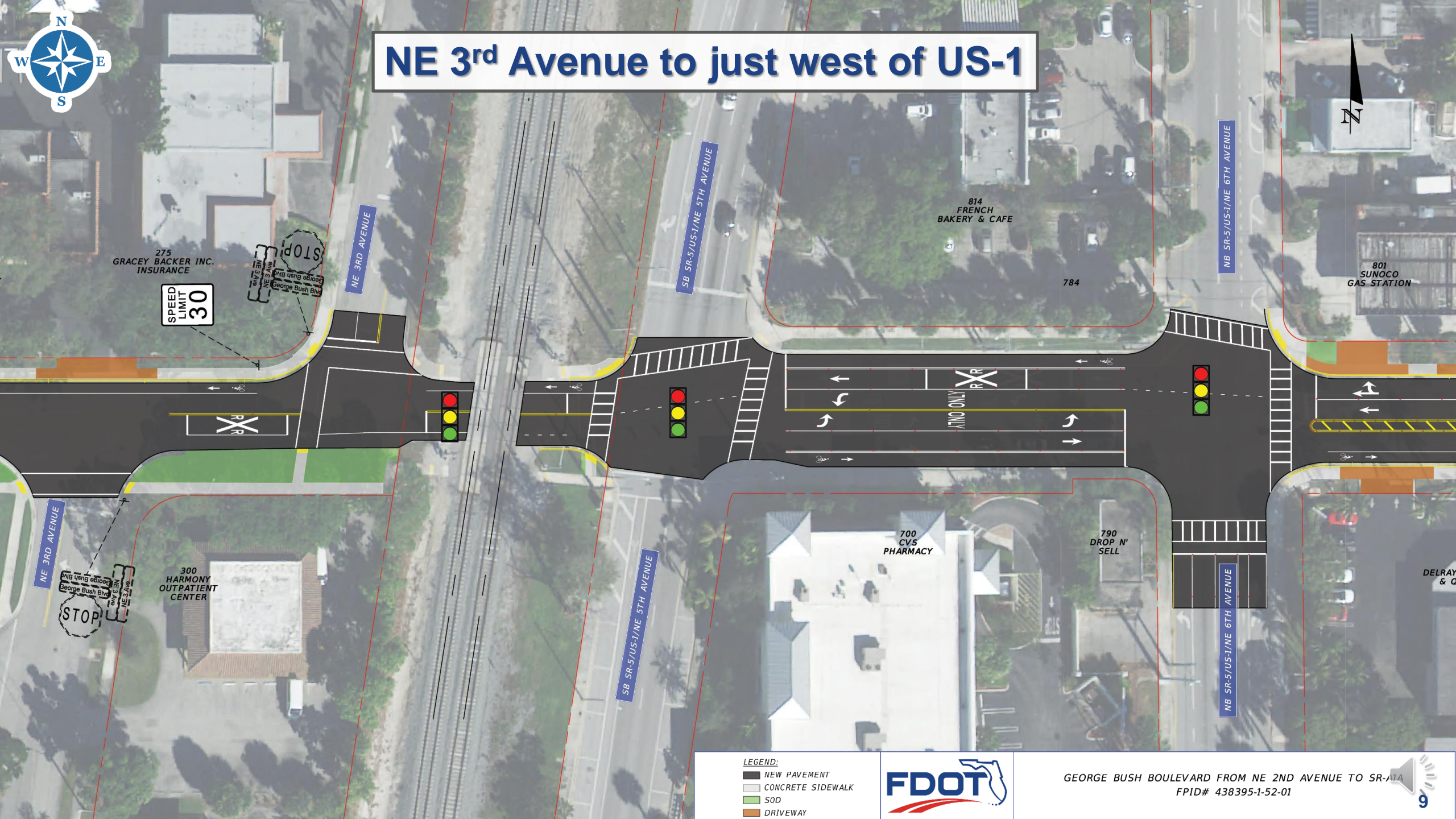
- NEW PAVEMENT
- CONCRETE SIDEWALK
- SOD
- DRIVEWAY



GEORGE BUSH BOULEVARD FROM NE 2ND AVENUE TO SR-90A
FPID# 438395-1-52-01



NE 3rd Avenue to just west of US-1



SPEED LIMIT 30

STOP

STOP

- LEGEND:**
- NEW PAVEMENT
 - CONCRETE SIDEWALK
 - SOD
 - DRIVEWAY



GEORGE BUSH BOULEVARD FROM NE 2ND AVENUE TO SR-5
FPID# 438395-1-52-01



East of NE 8th Avenue to Bridge/ICWW



SPEED LIMIT 30



NE 9TH AVENUE

SPEEDING FINES DOUBLED

901 GREAT STUFF

SCHOOL SPEED LIMIT 20
7:30 - 8:15 AM
2:30 - 3:15 PM

SCHOOL ZONE END

PALM TRAIL

PALM TRAIL



801 PALM TRAIL



810 ST. VICENT FERRER CATHOLIC CHURCH

SPEED LIMIT 20
7:30 - 8:15 AM
2:30 - 3:15 PM



777 MARINA DELRAY



- LEGEND:**
- NEW PAVEMENT
 - CONCRETE SIDEWALK
 - SOD
 - DRIVEWAY



GEORGE BUSH BOULEVARD FROM NE 2ND AVENUE TO SR-904
FPID# 438395-1-52-01

BEGIN APPROACH SLAB/
 BEGIN EXCEPTION/
 END MILLING AND RESURFACING
 (MATCH EXISTING PAVEMENT)
 STA. 131+15.14
 @ SURVEY GEORGE BUSH BLVD.

Bridge/ICWW heading east to Andrews Avenue

BEGIN BRIDGE NO. 930026
 STA. 131+34.84
 @ SURVEY GEORGE BUSH BLVD.
 MP 0.343

INTRACOASTAL WATERWAY

BRIDGE 930026

INTRACOASTAL WATERWAY

END BRIDGE NO. 930026
 STA. 134+05.07
 @ SURVEY GEORGE BUSH BLVD.
 MP 0.394

END APPROACH SLAB/
 END EXCEPTION/
 BEGIN MILLING AND RESURFACING
 (MATCH EXISTING PAVEMENT)
 STA. 134+24.95
 @ SURVEY GEORGE BUSH BLVD.



1111
 INLET COVE
 CONDOMINIUMS

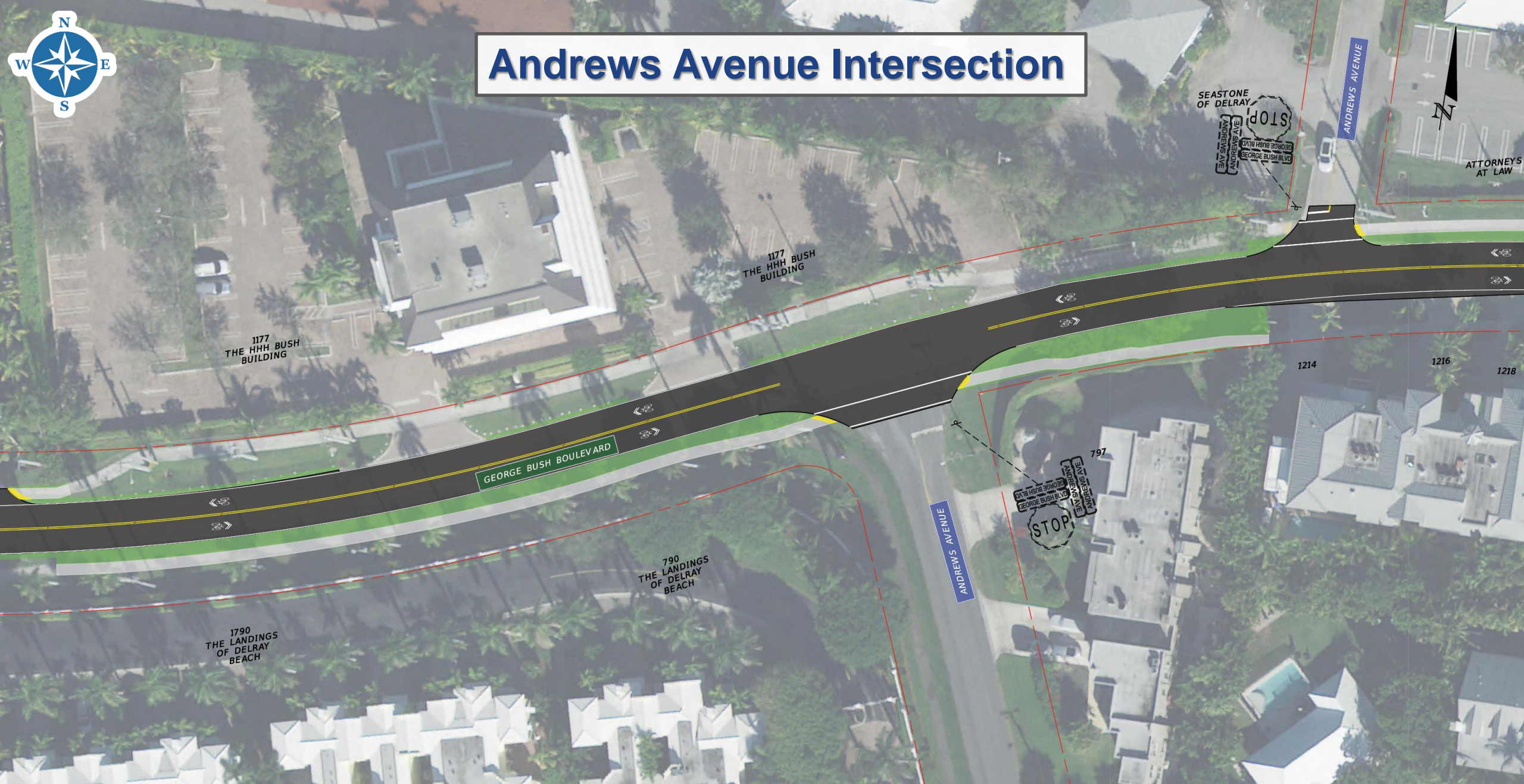


- LEGEND:
- NEW PAVEMENT
 - CONCRETE SIDEWALK
 - SOD
 - DRIVEWAY





Andrews Avenue Intersection



- LEGEND:**
- NEW PAVEMENT
 - CONCRETE SIDEWALK
 - SOD
 - DRIVEWAY



GEORGE BUSH BOULEVARD FROM NE 2ND AVENUE TO SR-1A
 FPID# 438395-1-52-01



East of Andrews Avenue to State Road A1A

END PROJECT/
STA. 150+59.20
B SURVEY GEORGE BUSH BLVD.
MP 0.707

END CONSTRUCTION/
END MILLING AND RESURFACING
(MATCH EXISTING PAVEMENT)
STA. 150+53.71
B SURVEY GEORGE BUSH BLVD.

SPEED
LIMIT
30

1225

800



GEORGE BUSH BOULEVARD

SR A1A / N OCEAN BOULEVARD



/ N OCEAN BOULEVARD

1220

PARLIAMENT
INN

1270-1290

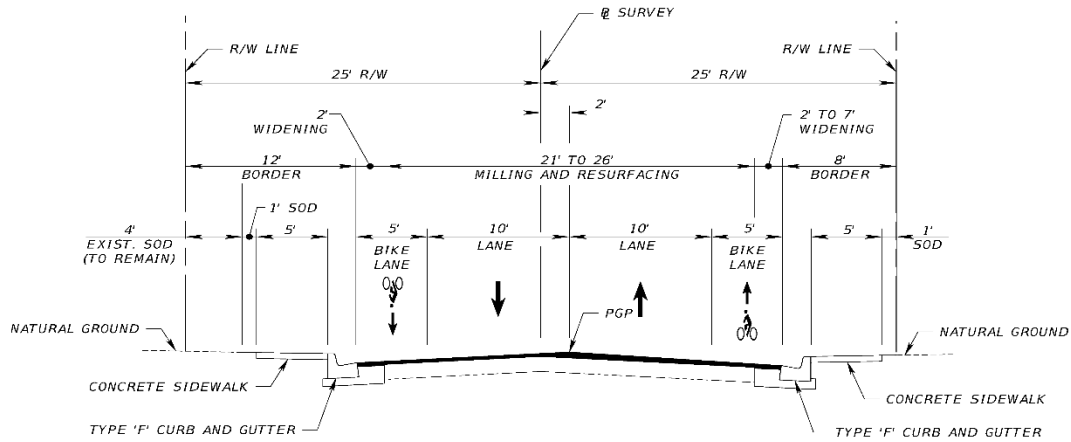
1228

LEGEND:

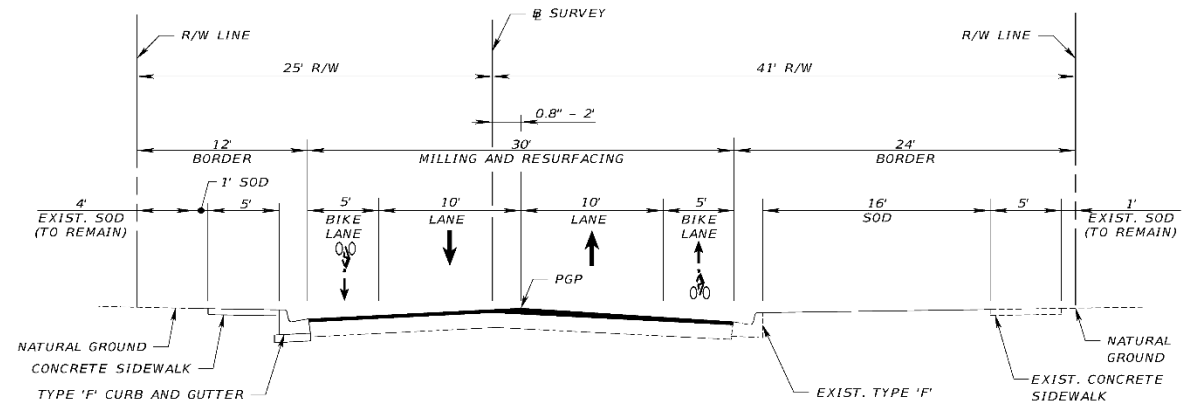
- NEW PAVEMENT
- CONCRETE SIDEWALK
- SOD
- DRIVEWAY



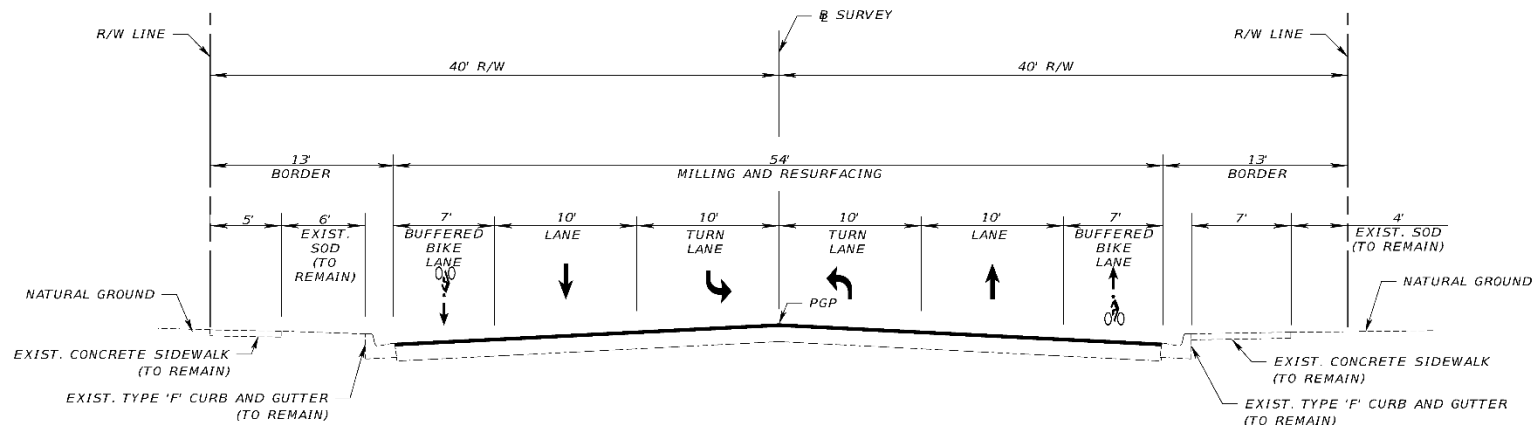
GEORGE BUSH BOULEVARD FROM NE 2ND AVENUE TO SR-A1A
FPID# 438395-1-52-01



GEORGE BUSH BOULEVARD
 FROM NE 2ND AVE. TO NE 3RD AVE.

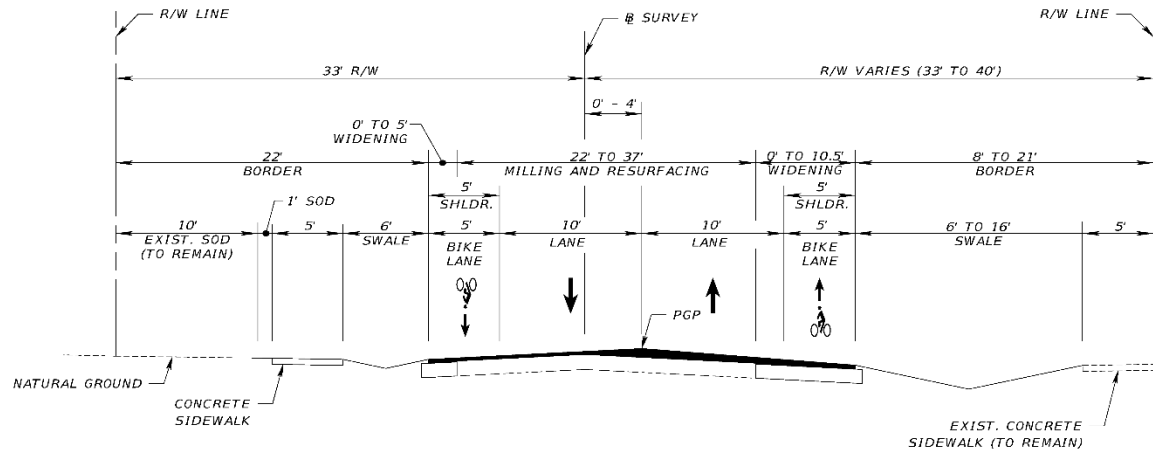


GEORGE BUSH BOULEVARD
 FROM NE 3RD AVE. TO SB SR-5/US-1/NE 5TH AVE.

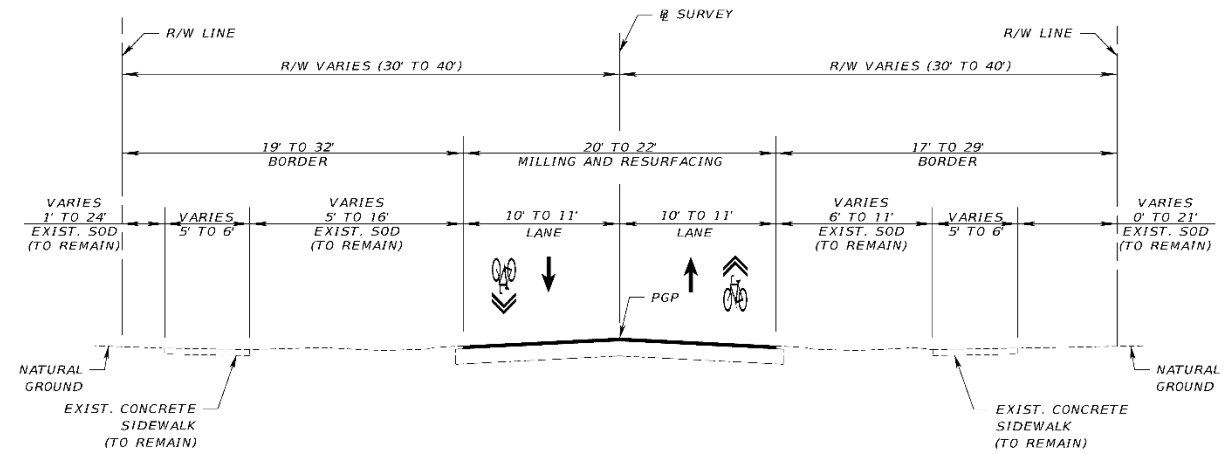


GEORGE BUSH BOULEVARD
 FROM SB SR-5/US-1/NE 5TH AVE. TO NB SR-5/US-1/NE 6TH AVE.

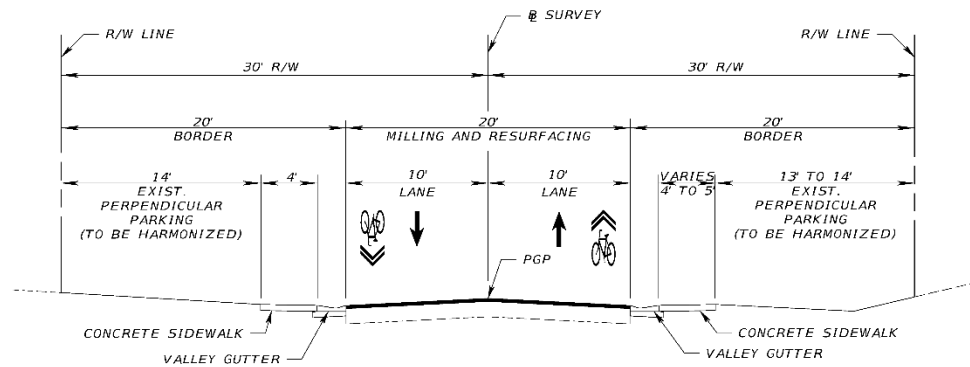
PROPOSED TYPICAL SECTIONS
GEORGE BUSH BOULEVARD FROM NE 2ND AVENUE TO SR-A1A
 FPID# 438395-1-52-01



GEORGE BUSH BOULEVARD
FROM NB SR-5/US-1/NE 6TH AVE. TO BEGIN BRIDGE 930026



GEORGE BUSH BOULEVARD
FROM END BRIDGE 930026 TO EAST OF ANDREWS AVE.



GEORGE BUSH BOULEVARD
FROM EAST OF ANDREWS AVE. TO SR-A1A

PROPOSED TYPICAL SECTIONS
GEORGE BUSH BOULEVARD FROM NE 2ND AVENUE TO SR-A1A
FPID# 438395-1-52-01

Safety & Local Coordination

- **Public Safety is our Top Priority!**

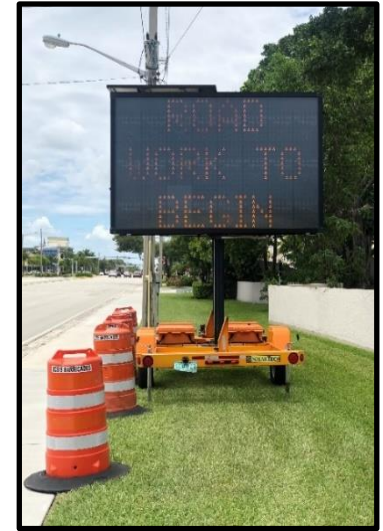
- **Work Zone Signage & Maintenance of Traffic**

- Advanced warning and project signage will be placed throughout the construction corridor to alert the traveling public

- **Local Agency & Stakeholder Coordination**

- The project team will continue working closely with local stakeholders including the City of Delray Beach, schools, neighborhoods and other local agencies to ensure safety standards are met and impacts to the public are minimized in any way possible

- **Emergency vehicles will be provided access at all times**



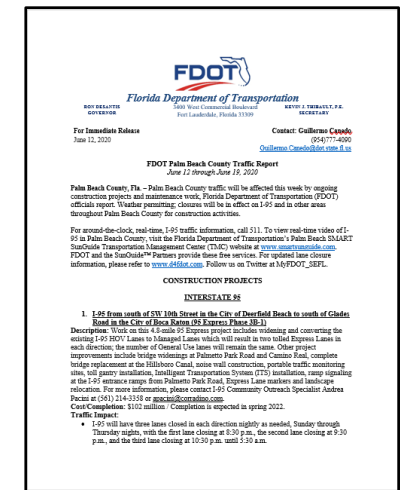
Lighted Message Board



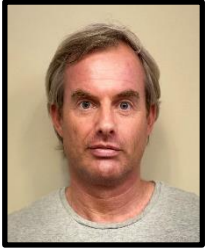
Community Outreach

For more information on the project...

- Project Website: www.d4fdot.com
- Weekly Lane Closure Press Release
- Please contact Meredith Cruz, Community Outreach Specialist, to be added to the lane closure email notification blast list
 - 561-641-6440
 - macruz@corrardino.com



George Bush Blvd. Project Team



Jon Droge

Project Manager
FDOT District Four, Palm Beach Operations



Bahram 'Ben' Abidian, E.I.

Project Administrator
FDOT District Four, Palm Beach Operations



Helen James, P.E.

Design Project Manager
FDOT District Four



Maikel Gonzalez, P.E.

Project Designer
VIA Engineering Group, Inc.



Richard L. Pereira

Principal Transportation Professional
The City of Delray Beach



Meredith Cruz

Community Outreach Specialist
The Corradino Group



Melissa Reading

Asst. Community Outreach Specialist
The Corradino Group

