

June 19 - 20, 2025
Hollywood, FL



**TRANSPORTATION
SYMPOSIUM**

Community Engagement Success Stories

Thuc Le, PE – FDOT Design
John Scarlatos - Scalar Consulting Group, LLC
Maj Alam, PE, PMP – Propel Engineering, LLC
Michael Miller, PE - FDOT Construction Manager

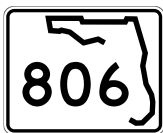
Transportation Symposium
Website



SCAN ME

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Presentations



Atlantic Avenue (S.R. 806)

Project Development & Environment (PD&E) Study
Financial Project ID: 440575-3-22-02; ETDM No: 14423

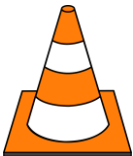
PD&E



Boynton Beach Boulevard (S.R. 804)

Complete Streets Improvements along Boynton Beach Blvd
Financial Project ID: 444079-1-32-01

Design



Community Outreach Strategies

The Construction Point of View

Construction

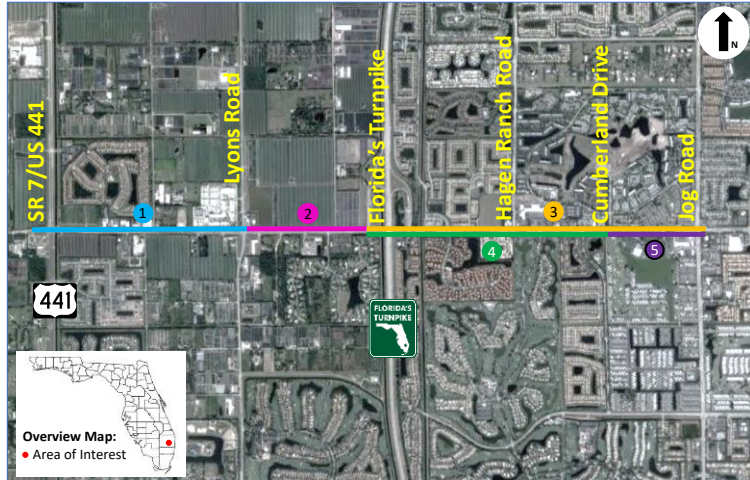
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Atlantic Avenue (S.R. 806) Corridor

- 1 From west of SR 7 to east of Lyons Road
FM 229658-4
- 2 From east of Lyons Road to Turnpike
FM 440575-2
- 3 From Turnpike to Jog Road
FM 440575-3
- 4 From Turnpike to Cumberland Drive
FM 440575-4
- 5 From Cumberland Drive to Jog Road
FM 440575-5



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Palm Beach TPA Resolution

Palm Beach Transportation Planning Agency (TPA) passed resolution



TPA Resolution 2021-15

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classification is C3, separation can be maintained between bicycle and motorized traffic through intersections, and conflict points are minimal and mitigated.

NOW THEREFORE, BE IT RESOLVED BY THE PALM BEACH MPO, d/b/a PALM BEACH TRANSPORTATION PLANNING AGENCY, THAT:

SECTION 1. The foregoing recitals are hereby adopted and declared to be true and correct and are incorporated herein.

SECTION 2. The TPA Governing Board affirms its support for the Project as follows:

- a. For the typical section, provide sidewalks or shared use pathways of at least 10 feet in width on both sides; and
- b. If feasible without moving the construction start date or purchasing additional right-of-way, extend these facilities to SR 7 by including them in the Atlantic Avenue widening from SR 7 to Lyons Road (FM 229658-4) and from Lyons Road to Jog Road (FM 440575-1); and
- c. For the Jog Road intersection, eliminate components of the build alternative with significant adverse impacts to pedestrian and bicycle safety or major right-of-way acquisitions that require the relocation of homes or businesses.

SECTION 3. This Resolution shall take effect upon adoption.

The foregoing Resolution was offered by Councilman Michael Napoleone who moved its adoption. The motion was seconded by Mayor Fred Pinto, and upon being put to a vote, the motion passed. The Chair thereupon declared the Resolution duly adopted this 16th day of December 2021.

PALM BEACH METROPOLITAN PLANNING ORGANIZATION, d/b/a
PALM BEACH TRANSPORTATION PLANNING AGENCY

By: Mayor Robert Weinroth, as its Chair

ATTEST:

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Key Stakeholders

- Palm Beach Transportation Planning Agency (TPA)
- Florida's Turnpike
- Palm Beach County
- Lake Worth Drainage District
- Alliance of Delray Beach
- Religious Center (Jewish Orthodox Community)
- General public
 - Including business owners



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PD&E Study

Atlantic Avenue (S.R. 806)
Project Development and Environment
(PD&E) Study
from Florida's Turnpike to Jog Road
 Financial Project ID: 440575-3-22-02



PROJECT TEAM

- FDOT PM: Thuc Le, PE
- Prime Consultant: Scalar Consulting Group, LLC
- Subconsultants: Bernard Kinney Associates, SEARCH, Inc., Tierra South Florida

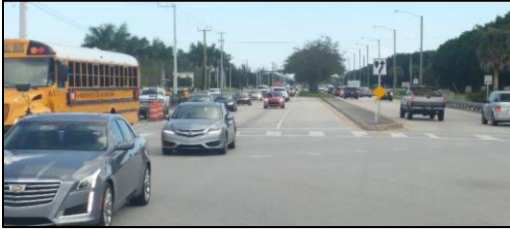


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Purpose and Need



Purpose

- Improve local and regional transportation network
- Improve multimodal accommodations on Atlantic Avenue from Florida's Turnpike to Jog Road

Need

- Needed to improve traffic flow and safety for the present and future.
- Needed to better serve the regional transportation network and local collector roadways with two major north-south roadways on each end of the project (Turnpike and Jog Road)
- Supports the Palm Beach TPA's *Master Comprehensive Bicycle Transportation Plan (MCBTP)*
- Supports Palm Beach TPA's request for wider sidewalks and bicycle facilities

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Project Location

- Atlantic Avenue From Turnpike to Jog Road
- Approximately 1.8 miles in length
- Unincorporated Palm Beach County
- Posted speed limit is 45 mph
- Proposed widening from four to six lanes
- Proposed bicycle and pedestrian features
- Existing sidewalk gap on south side from east of Michelangelo Blvd. to Kings Point Shopping Center



LEGEND: — Sidewalk Gap

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Key Coordination

- Palm Beach Transportation Planning Agency (TPA)
 - Listed as a Priority Project for the Palm Beach
 - Requested enhanced multimodal accommodations to improve safety for bicyclists and pedestrians
- Palm Beach County
 - Jog Road intersection
- Lake Worth Drainage District
 - Canal right-of-way requirements



- Alliance of Delray Beach
 - Represent Multiple HOAs
 - Accelerate project
- Jewish Orthodox Community
 - Crossing of roadway during Shabbat
- General Public
 - Right-of-way
 - Traffic Safety
 - Access Management
 - Input and support at public meetings/hearing

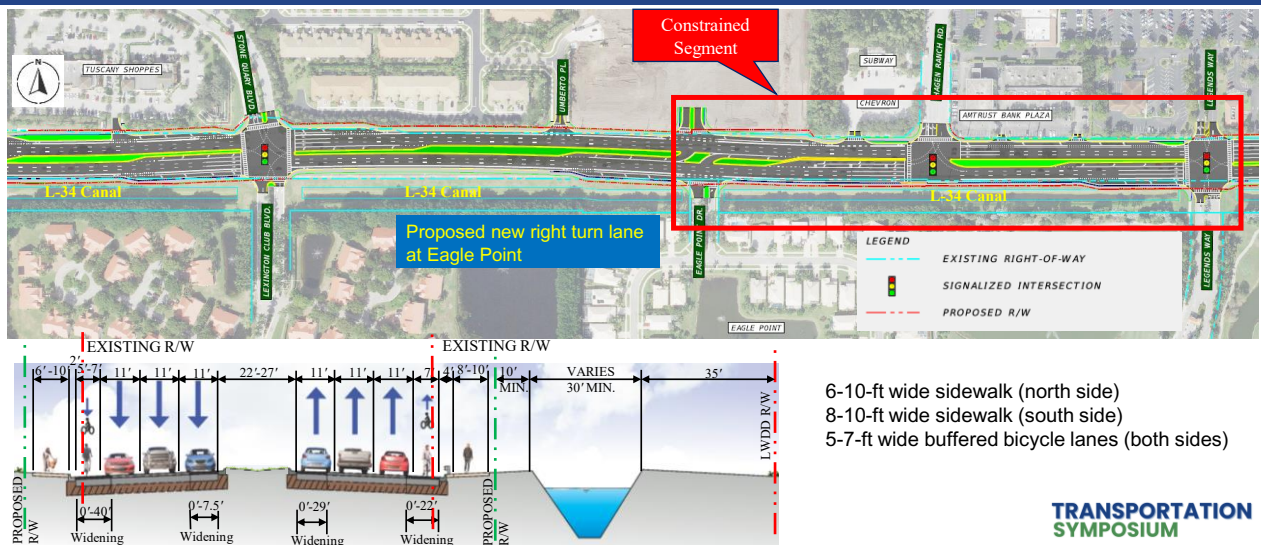


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Right-of-Way Challenge - Mainline

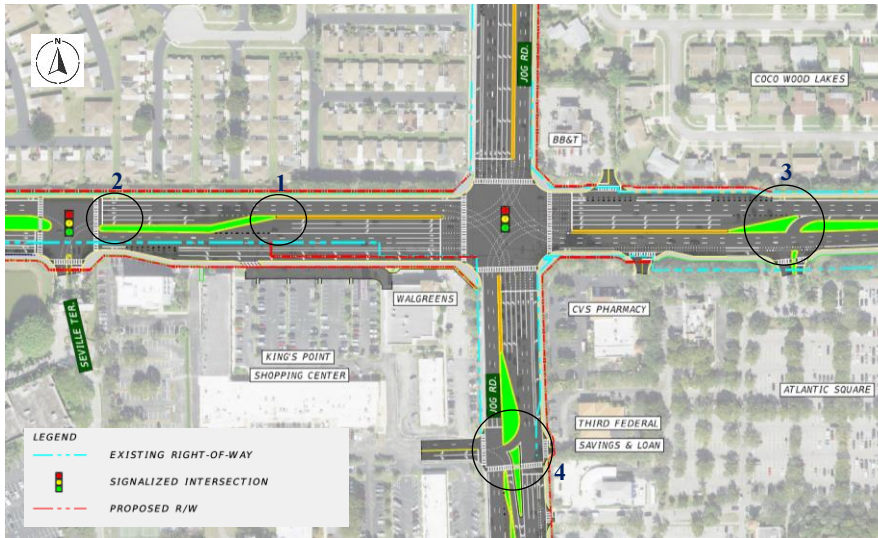


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Traffic Operations Challenge – Jog Road



Triple left turns at all approaches

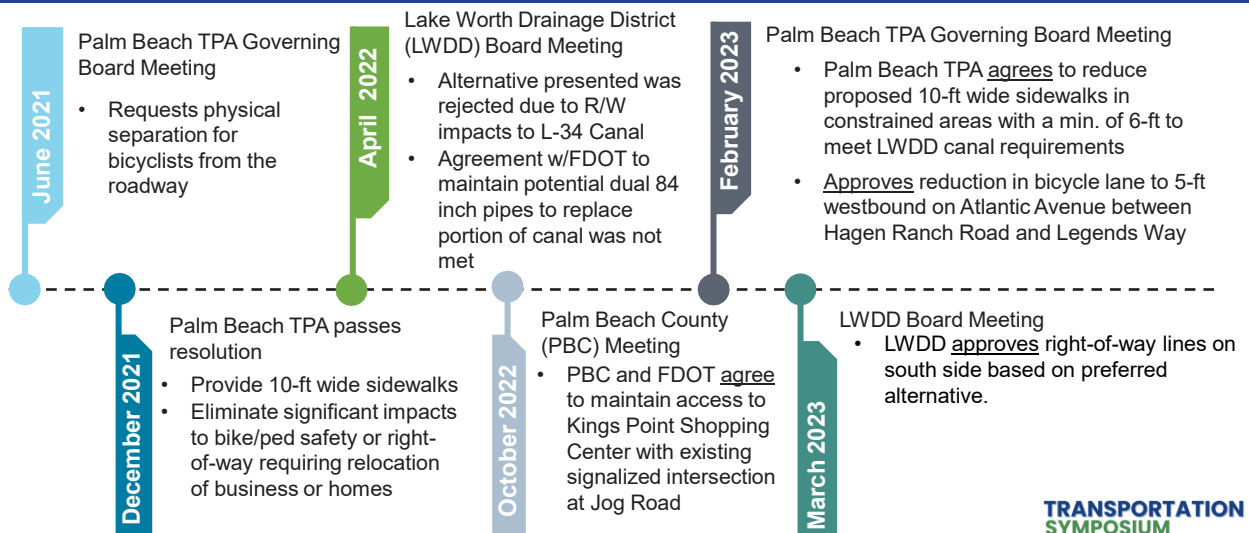
- 1) Closes existing westbound left turn lane into Kings Point Shopping Center
 - 2) Two left turns proposed at Seville Terrace to allow for U-Turns
 - 3) Access maintained to Atlantic Square
 - 4) Signalized intersection at Kings Point Shopping Center on Jog Road to remain
- Requires additional residential/business R/W take along Jog Road east side
 - Requires additional residential/business R/W take along Atlantic Avenue

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Local Agency Coordination

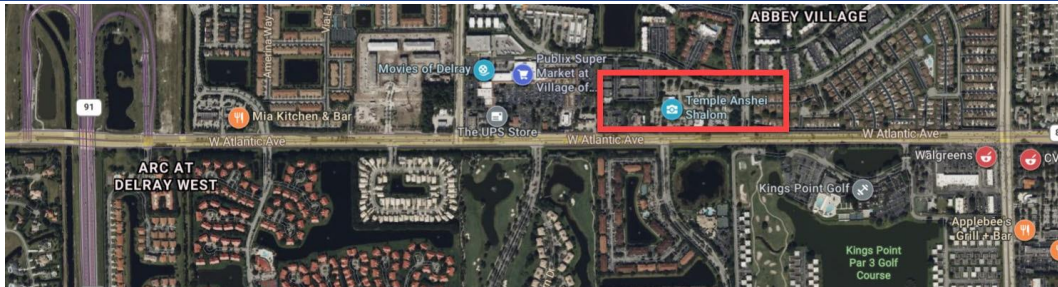


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Unorthodox Solution to an Orthodox Dilemma



- The project corridor is home to a large Jewish community, including a synagogue and community center on the north side of Atlantic Avenue and large residential communities on the south side of Atlantic Avenue.
- Crossings on Atlantic Avenue near a busy synagogue requires pressing an electrified button to operate pedestrian signalization.
- Operating an electrified button during Shabbat is considered a breach of the strict rules that apply to Orthodox Jews.
- This creates a situation where orthodox Jewish pedestrians may not be able to cross Atlantic Avenue safely.

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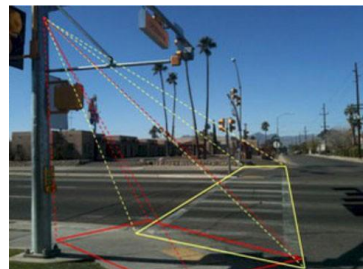
Add passive pedestrian detection at traffic signals

Option: Pedestrian Overpass



- Cost: \$1+ Million
- Possible R/W Acquisition

Option: VE Team Proposal - Passive Pedestrian Detection



- Enhance operational efficiency and safety for signalized intersections by detecting pedestrian and activating signalization rather than pushing a electrified signalization button.
- Programable during Shabbat observation only

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Coordination with local Jewish Community

- Held meeting with nearby residents of Orthodox Jewish Community
 - Listened to concerns
 - Provided solution for crossings at intersections
 - Held follow-up meeting with residents and local Rabbi for approval of concept
 - Support from Vice Mayor and the public at Public Hearing



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Conclusion – Community Engagement Success

- Palm Beach Transportation Planning Agency (TPA)
 - Approval of concept
 - Implementation of wider sidewalks where feasible
 - No relocations of residential or business parcels
- Palm Beach County
 - Concurrence on access management
- Lake Worth Drainage District
 - Acceptance of concept while maintaining canal R/W requirements
- Religious Center (Jewish Orthodox Community)
 - Acceptance of concept for crossing the roadway
- General public
 - Overall support for the project



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Design Project

SR-804 Boynton Beach Boulevard from NW 3rd Street to US-1/Federal Highway

Financial Project ID: 444079-1-52-01

➤ PROJECT TEAM

- FDOT Design PM: Leslie Wetherell, PE
- Prime Design Consultant: Propel Engineering, LLC
- EOR: Maj Alam, PE, PMP
- Sub-consultant: Quest, PHD (Ardurra), Miller Legg, Ritzel-Mason, and GCME
- FDOT Construction PM: Woodler Blaise
- Project Administrator: Mike Schawe
- Contractor: OHLA-USA

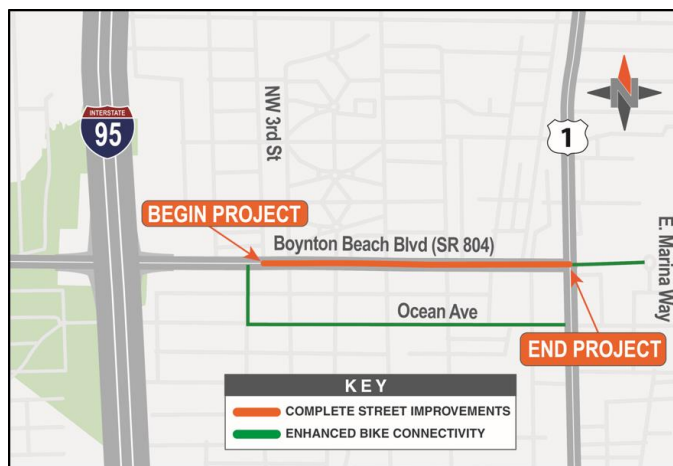


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Project Location



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Project Scope

➤ On-System Scope

- ✓ Repaving and reconstructing existing pavement
- ✓ Widening existing sidewalk on south side of Boynton Beach Boulevard to 15 ft. and to 9 ft. on the north side
- ✓ Adding decorative hardscape with a wave pattern within the expanded sidewalk in coordination with City
- ✓ Drainage modification to accommodate sidewalk expansion
- ✓ Retrofitting pedestrian lighting at signalized intersections

- ✓ Upgrading pavement markings and signs and pedestrian signals

- ✓ Add midblock crossing

- ✓ Convert emergency signal to midblock crossing

➤ Off-System Scope

- ✓ Adding shared lane bicycle

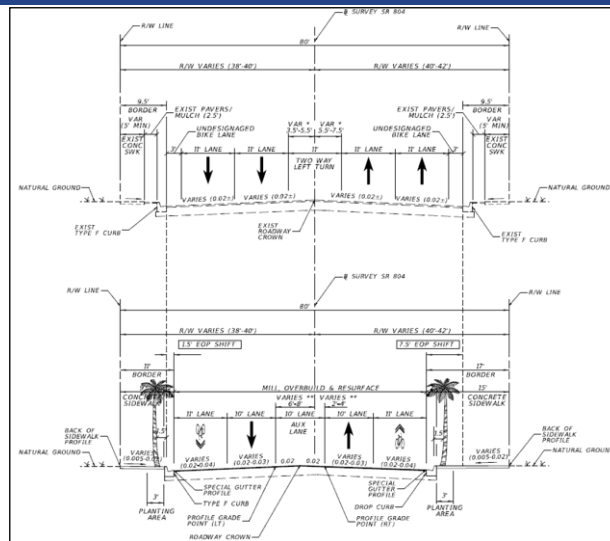


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Existing and Proposed Typical Sections

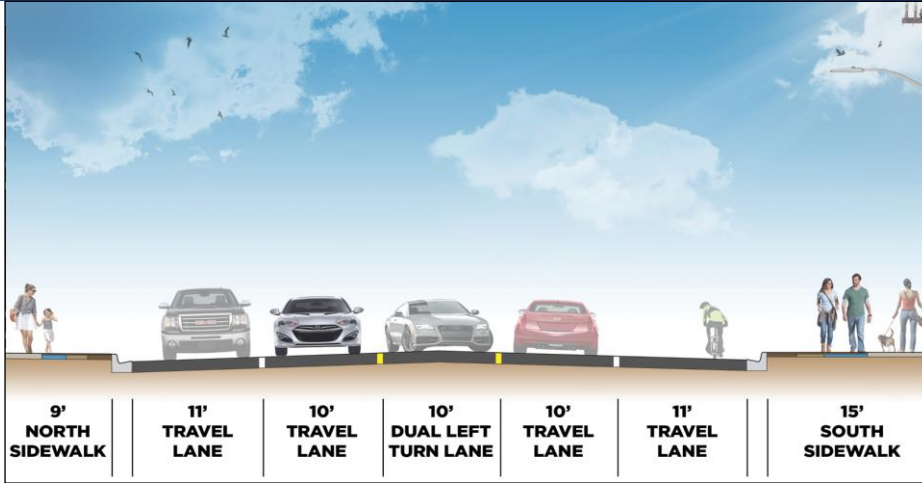


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Roadway Proposed Typical Section

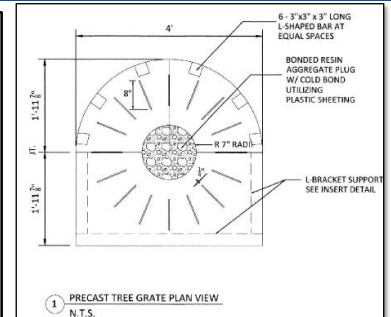
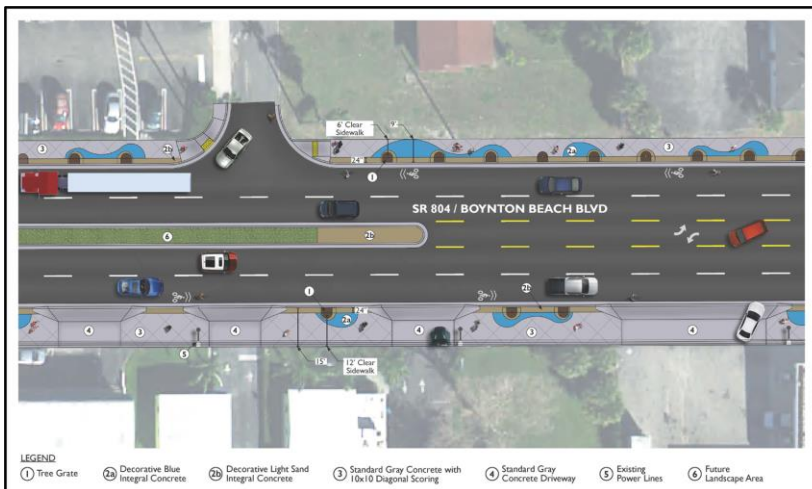


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Proposed Roadway Hardscape Features



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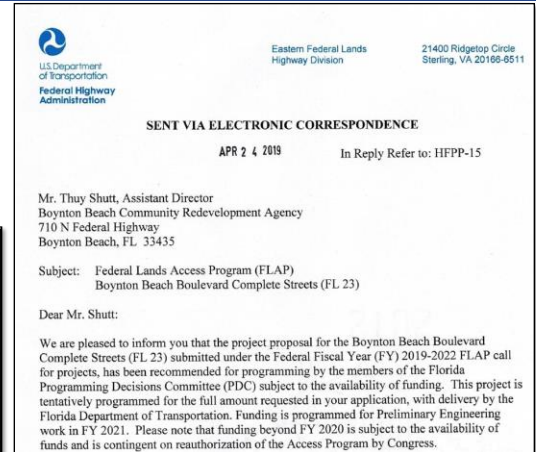
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Multiple Funding Sources

➤ Local Initiative

- ✓ FLAP (Federal Lands Access Program) grant
- ✓ LFA with City of Boynton Beach
 - ✓ Boynton Beach CRA contributed through City
- ✓ UWHCA with City of Boynton Beach

Boynton Beach Boulevard Complete Street Improvements				
Funding Source	Limits	FDOT	City of Boynton Beach*	Fund Availability
TPA Grant	NW 3 rd Street to US-1	\$ 1,629,975.16	\$ 848,433.30	FY 2022-23
	NW 3 rd Street to I-95**	-	\$ 327,147.11	
No Grant	NW 3 rd Street to US-1**	-	\$2,478,408.46	-
No Grant	I-95 to US-1**	-	\$2,805,555.57	-
* Includes Decorative Sidewalks ** Costs only includes improvements not covered in FDOT base costs for I-95 and Boynton Beach Interchange project between NW 3 rd Street to I-95.				



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Multiple Stakeholders Consensus

➤ Multiple Stakeholders

- ✓ City of Boynton Beach
- ✓ Boynton Beach Community Redevelopment Agency (CRA)
- ✓ Palm Beach Transportation Planning Agency (TPA)
- ✓ Federal Highway Administration – Funding source
- ✓ Palm Beach County Roadway and Traffic Division – Signal & ITS
- ✓ Florida East Coast Railway (FEC) – RR Crossing
- ✓ FPL – Lighting retrofit
- ✓ Palm Tran – Bus Stops
- ✓ Stanley Consultants (FDOT Interchange Improvements)
- ✓ Kimley-Horn - City/Developer projects (Boynton Town Square)
- ✓ Boynton Beach Police Department – Red light Camera



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Public Engagement During Concept Development

➤ Palm Beach TPA's Safety Study

- ✓ 3rd Bicycle & pedestrian crash hotspots
- ✓ Recommended - lane width reduction

➤ City of Boynton Beach Greenways, Blueways, & Trails Master Plan

- ✓ Designated bike lanes

➤ Boynton Beach CRA

- ✓ Complete Street + mobility Downtown

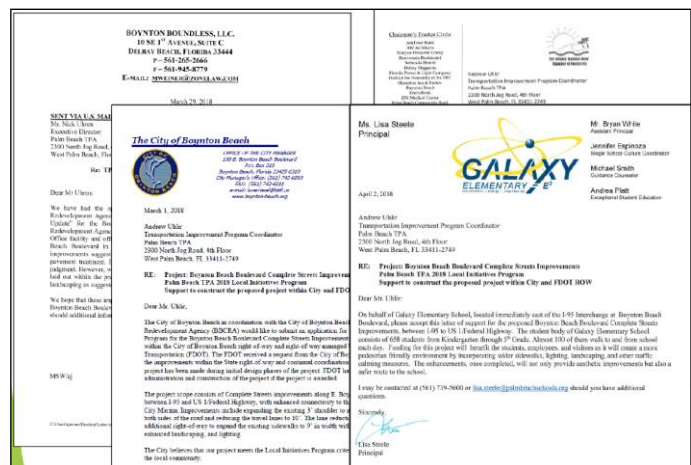


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Local Supports During Concept Development

➤ Local Supports

- ✓ Galaxy Elementary School is at the NE corner of I-95 and Boynton Beach Blvd
- ✓ Requested Midblock crossing near NW 2nd St



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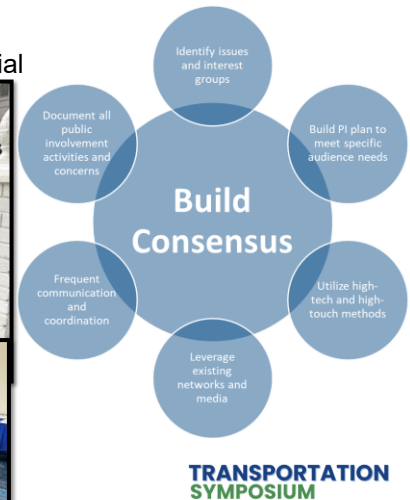
Public Engagement During Design

➤ Prior to Design Public Meeting

- ✓ Obtain the latest public complains/concerns from CRA/City
- ✓ Meet with FDOT, City & CRA and present the Public meeting material
- ✓ Obtain FDOT, CRA and City's Consensus
- ✓ Grassroots outreach
 - ✓ Door to Door
 - ✓ Business Owners

➤ Design Public Meeting

- ✓ Project Plans and Typical Section Exhibits
- ✓ Public Workshop Flyers (1639 postal addresses)
- ✓ Agency/Elected Official Letters to Public
- ✓ Design Public Workshops
 - ✓ Virtual held on July 26, 2022
 - ✓ In-Person held on July 27, 2022
- ✓ Workshops info & recording (website)



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Public Concerns for Access During Construction

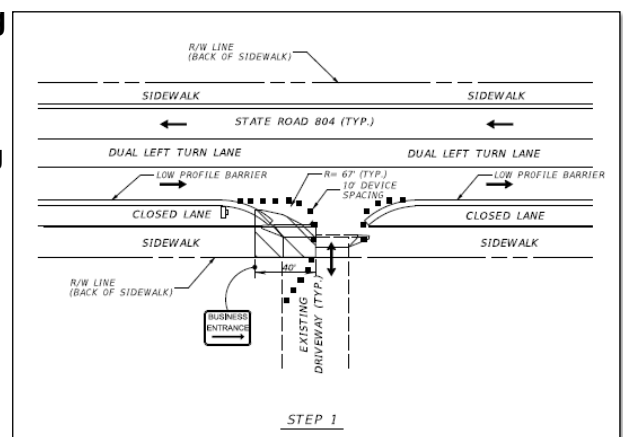
➤ Maintained Access all the time during construction

➤ Only one Driveway

- ✓ Step 1 - Reconstruct one side of the existing driveway
- ✓ Step 2 - Reconstruct the second side of the existing driveway

➤ If more than one Driveway

- ✓ Owners were given options to close one of them for faster construction



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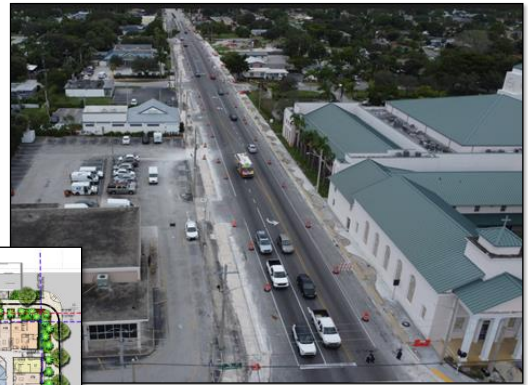
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Miscellaneous Design Challenges

➤ Design Issues

- ✓ Limited Right of Way
- ✓ Urban Corridor
- ✓ Few Buildings at the right-of-way line
- ✓ Adjacent ongoing FDOT I-95 Interchange Improvement project
- ✓ City/CRA/Private Developers multiple ongoing projects



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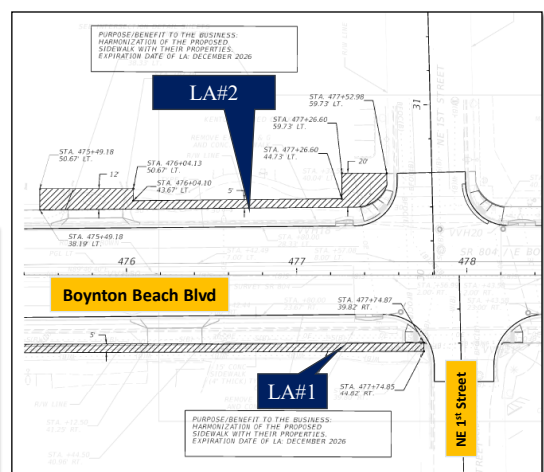
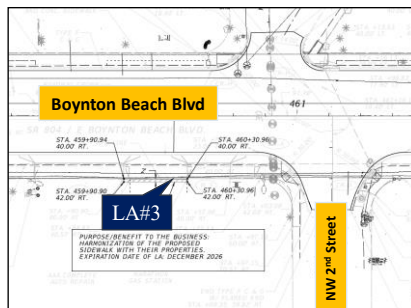
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License Agreements to Improve Connectivity

➤ License Agreements from 3 Properties

- ✓ KFC located at the NW corner of NE 1st Street
- ✓ Property Located between Seacrest Blvd and NE 1st Street
- ✓ Marathon Gas Station located at the SW corner of NW 2nd Street
- ✓ Early Identification and proactive coordination was key to obtain them on time



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Pedestrian Safety Enhancements

➤ Midblock Crosswalks

- ✓ Not in original scope
- ✓ Multiple studies by Safety Office
- ✓ Crosswalk Warrant Assessment and recommendation on 09/15/2022
- ✓ Going through SA for the design works while keeping the project on schedule
- ✓ Converting the existing emergency signal to mid block



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FEC RR Impacts and Relocation

➤ Impacted Items

- ✓ Median width – Design Variation was not approved
- ✓ Equipment within median requires relocation
- ✓ Wider Sidewalk width requires Bollards
- ✓ Construction phasing allowing both contractors work simultaneously
- ✓ Flaggers

➤ Approach

- ✓ Persistence & frequent Coordination
- ✓ Keep them in the loop for any changes



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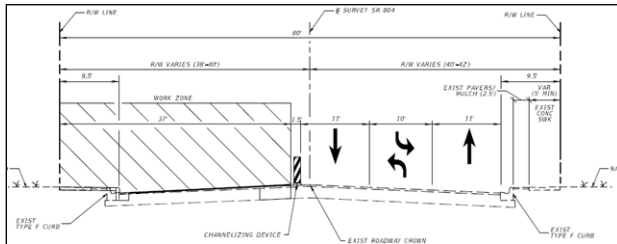
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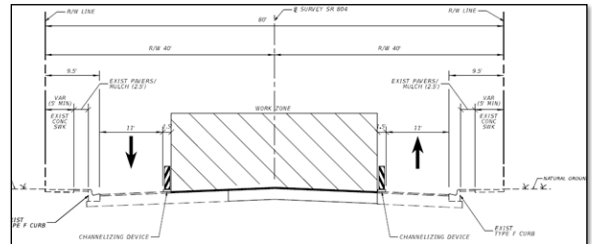
Public Concerns Long Term Closures

➤ Minimize the lane closer duration

- ✓ An alternative MOT phasing proposed by Contractor
- ✓ Expedite approval from FDOT PM and DDE



Proposed MOT -Design



Alternative MOT -During Construction

➤ Reconstruction while live traffic on adjacent lane

- ✓ Used Black base for faster construction and avoid drop off

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Blue Wave Pattern During Construction

➤ Matching Blue Color Concrete Pattern

- ✓ Multiple field/virtual Meetings held
- ✓ Color Concrete Mock-Up
- ✓ Several field Review



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Resident Concerns During Construction

➤ Median at 4th Street near FEC crossing

- ✓ Resident recommend to remove the median island
- ✓ Required to prohibit NB 4th St traffic illegal left turn
- ✓ Reduced to align with new travel lane
- ✓ Adjusted DWS at SW ped crossing



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Wider Sidewalk without the Trees - Post Construction

➤ Damaged Tree Grates

- ✓ The delivery trucks are parking on the wide sidewalk (since trees are not being planted)
- ✓ Time gaps with Landscape projects
- ✓ About 50% of tree grates were damaged
- ✓ Replace damaged grates in next FDOT project



Unauthorized
Parking

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Team Spirit Resulted Early Construction Completion

➤ Design

- ✓ Design Start date 4/1/2021
- ✓ Design anticipated completion date 06/30/2023
- ✓ Design actual completion date 06/15/2023

➤ Construction

- ✓ Construction Start: 4/23/2024
- ✓ Construction anticipated Completion: 09/12/2025
- ✓ Construction actual Completion: 04/18/2025 (Early completion by 6 months!)

Construction
Completed
six months
early



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Community Outreach Strategies

The Construction Point of View

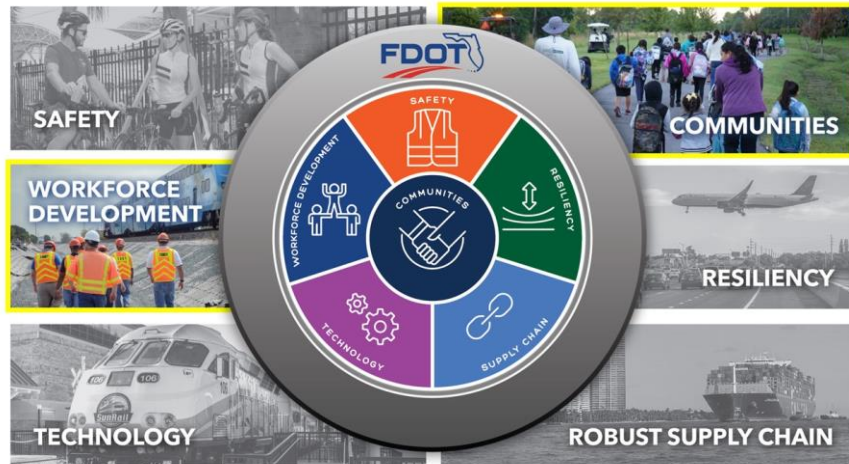


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FDOT Compass



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The Role of Construction

➤ Building roads in harmony with the FDOT Compass

➤ What do we rely on?

- ✓ Design-Construction Handoff
- ✓ Local knowledge
- ✓ Previous project history

➤ Tips for Design

- ✓ Remember: your work directly relates to our success
- ✓ Document everything!
 - Especially commitments



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Community Outreach Strategies: Prior To

► Notices

- ✓ Elected official notifications
- ✓ Informational flyers/mailers
- ✓ Project website/social media

► Meetings

- ✓ Open house/HOA/local meetings
- ✓ Informal in-person outreach
- ✓ Virtual options

► Other

- ✓ Door-to-door
- ✓ One-on-one's
- ✓ Project Videos

FDOT PUBLIC INFORMATION FLYER

SR 704/SR 706 South Ocean Boulevard Roadway Improvements Project in the Town of Palm Beach

The Florida Department of Transportation (FDOT) is pleased to provide information regarding the upcoming SR 704/SR 706 South Ocean Boulevard Roadway Improvements project. This project aims to enhance the safety, mobility, and longevity of the transportation corridor.

Construction Cost: \$8.2 million | **Construction Start:** Late April 2025 | **Anticipated Completion:** Late 2025

PROJECT IMPROVEMENTS

- Milling and repaving the roadway throughout the project limits, including the intersection of SR 704 and SR 706, to improve pavement condition and enhance safety for the community.
- Realigning traffic signals with the intersection of SR 704 and SR 706 to improve traffic flow and reduce delay.
- Installing new lighting along the project limits to improve visibility and safety.
- Installing new drainage infrastructure along the project limits to improve drainage capacity and reduce the risk of flooding.
- Installing new signage along the project limits to improve visibility and safety.
- Installing new safety features along the project limits to improve safety.

CONTACT INFORMATION

Michael Miller, P.E. – FDOT Project Manager
mmiller@fdot.com | (904) 630-2155

Hernandez Garcia, P.E. – Project Administrator
hgarcia@fdot.com | (904) 630-2155

Meredith Cruz – Community Outreach Specialist
mcruz@fdot.com | (904) 630-2155

WEBSITE AND SOCIAL MEDIA

Instagram: @FDOT_FL
Facebook: @FDOTFL
Project website: www.fdot.com

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Community Outreach Strategies: During

► Notifications

- ✓ Social media spotlight
- ✓ Weekly Traffic Impacts
- ✓ Project-specific updates
- ✓ Coordination with locals

► Meetings

- ✓ Public meetings for major milestones
- ✓ HOA/local meetings
- ✓ Informal in-person outreach

► Other

- ✓ Door-to-door
- ✓ One-on-one's

COFFEE WITH CONSTRUCTION

Thursday • March 28, 2024

10:00 am - 11:30 a.m.

Common Grounds Brew & Roastery
12 S J Street • Lake Worth Beach, FL 33460

JOIN FDOT PROJECT TEAMS FOR COFFEE AND CONSTRUCTION CONVERSATIONS REGARDING ONGOING AND UPCOMING CONSTRUCTION IN THE CITY OF LAKE WORTH BEACH

SCAN HERE FOR PROJECT PAGES

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Community Outreach Trends

➤ Public Expectations

- ✓ Instant gratification
- ✓ Personalized experience

➤ Meeting Attendance

- ✓ Decreased attendance during typical timeframes
- ✓ Community-support goes a long way

➤ Collaboration with Locals

- ✓ Better results
- ✓ Demonstrates project buy-in



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Project Spotlight: I-95/Glades Rd. DDI

➤ Project Stats

- ✓ Construction Cost: \$160M
- ✓ Construction Time: 1693 days

➤ History

- ✓ Proposed as part of I-95 Express Lanes Phase 3B-2
- ✓ DDI Final Configuration: April 3, 2023
 - Temporary Configuration: January 30, 2023
- ✓ Project Completed: February 1, 2024



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Outreach Effort: I-95/Glades Rd. DDI

➤ Public Outreach Strategies

- ✓ Met with FAU Staff/Students
 - Including presentations to engineering students
 - Attended recruitment events
- ✓ DDI-specific meeting
 - Answered questions and showed DDI functionality
- ✓ Frequent outreach to stakeholders, elected officials, and interested parties
- ✓ Coordination with media outlets/social media



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Project Spotlight: Jupiter Federal Bridge

➤ Project Stats

- ✓ Construction Cost: \$127M
- ✓ Construction Time: 1564 days

➤ History

- ✓ Included 18+ month full detour
- ✓ Opened to 2 lanes December 31, 2024
- ✓ Opened to 4 lanes April 14, 2025
- ✓ Expected to be complete late 2025



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Outreach Effort: Jupiter Federal Bridge

➤ Public Outreach Strategies

- ✓ Regular Coffee with the Contractor leading up to and during full closure time
- ✓ Weekly emails to stakeholders
- ✓ Attendance at Town meetings
- ✓ Presence at Town events
- ✓ Social media posts
- ✓ Smart Work Zone coordination meetings
- ✓ One-on-one's with affected residents



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Project Spotlight: Lake Worth Beach Projects

➤ Project Stats

- ✓ At one point, 6 active projects in and around the City of Lake Worth Beach
 - 3 future projects in next 2 years

➤ History

- ✓ Decided to think outside-the-box to get the word out and build relationships
- ✓ Looked at community demographics and specific needs
- ✓ The project team(s) coordinated to have a unified message



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Outreach Effort: Lake Worth Beach Projects

➤ Public Outreach Strategies

- ✓ Hosted Coffee with Construction
 - Focused on new projects but prepared to address all projects
- ✓ Weekly emails to stakeholders
- ✓ Attendance at City meetings
- ✓ Social media posts
- ✓ One-on-one's with affected residents/elected officials

["It's really bad": In Lake Worth Beach, residents fume about endless road construction](#)

By Bill DiPaolo and James Coleman, Palm Beach Post, April 5, 2024

LAKE WORTH BEACH — Tammy Pansa has been a [Lake Worth Beach](#) resident since 2007, and she understands the quirkiness and coziness of a city that has 37,000 residents packed into 7 square miles. On a daily basis, there are thousands of pedestrians, scooter riders, bicyclists, business owners and motorists trying to get from here to there in tight quarters. It's what makes all the current road construction "so frustrating" for Pansa and residents. "My biggest gripe is the lack of organization and communication of officials with the many road projects," she vented. "I understand the city needs roadwork done. I get that. But why do we have all of the construction going on at the same time when a detour for one turns into another construction project when the first one isn't even finished? It's just silly."



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Project Spotlight: SR A1A Town of Palm Beach

➤ Project Stats

- ✓ 2 active projects
 - Began late April/May 2025
- ✓ 1 upcoming project in May 2026

➤ History

- ✓ Palm Beach Construction heavily involve during Design
 - Specifically related to Work Hours and Traffic Control issues
- ✓ Projects delayed to correspond with "season"



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Outreach Effort: SR A1A Town of Palm Beach

➤ Public Outreach Strategies

- ✓ Coordinated heavily with Town staff
 - Allowed them to set the pace and drive our efforts
- ✓ Attendance at Town Council meetings
- ✓ Project-specific promotional videos
- ✓ Flyers sent virtually through Town
- ✓ No Open House (in-person or virtual)



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Project Spotlight: North Shore Pedestrian Bridge

➤ Project Stats

- ✓ Construction Cost: \$2.7M
- ✓ Construction Time: 182 days

➤ History

- ✓ Provides vital neighborhood connectivity
 - Connects schools/churches to homes
 - Walkable community
- ✓ Project has experienced several challenges:
 - FPL delays
 - Hurricane impacts
 - Foundation redesign



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Outreach Effort: North Shore Pedestrian Bridge

➤ Public Outreach Strategies

- ✓ Coordinated with neighborhood association
 - Attended several meetings prior to and during construction
 - Considered this the "Open House"
- ✓ Coordinated with surrounding schools and churches
- ✓ Flyers/door-to-door
- ✓ Detour flyers and advanced notices sent
- ✓ Weekly emails to stakeholders



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Construction Conclusions

➤ Takeaways

- ✓ No 2 projects are alike
- ✓ New mindsets require new ways of thinking
- ✓ Relay as much info about project history to Construction as possible
 - Be ready to help answer questions
- ✓ Spend time to understand who you're building the project for

➤ Your work is important!

- ✓ The more upfront work you do, the more successful Construction will be



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Safety Message



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 Hollywood, FL





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