75 Express Lanes
Corridor-Wide Construction
From NW 170 Street to I-595

Presentation to City of Miramar
Wednesday March 4, 2015
• **Paul Lampley, P.E.** – FDOT Construction Project Manager

• **Antonio Castro, P.E.** – FDOT Construction Project Manager

• **Aurelio Matos, P.E.** – CEI Senior Project Engineer (Segment C), APCTE

• **Ed Perez, P.E.** – CEI Senior Project Engineer (Segment A/B), Corradino Group

• **Fiorella Alvarez**—Construction Public Information Officer
Project Location

- Segment E – North of Griffin Road to I-595 (4.7 miles)
- Segment D - South of Sheridan Street to North of Griffin Road (3.7 miles)
- Segment C - South of Miramar Parkway to South of Sheridan Street (3.6 miles)
- Segments A & B – NW 170 Street to South of Miramar Parkway (3 miles)
Scope of Work

Corridor wide

- Constructing Express Lanes in the existing I-75 median
- Constructing ingress and egress points throughout the corridor
- Constructing direct connections to 595 Express, Palmetto Express and Florida’s Turnpike (HEFT)
- Reconstructing the interchanges at Sheridan Street, Miramar Parkway, Miami Gardens Drive and the HEFT
- Constructing sound barrier walls at various locations
- Installing additional traffic cameras, dynamic message signs and toll gantries
- Adding new signals, signage, lighting and landscaping
Scope of Work:

- Reconstructing a new bridge to accommodate the new I-75 Express Lanes (60 feet longer and 36 feet wider)
- Reconstructing the interchange ramps at Miramar Parkway
- Installing additional signalized turn lanes
- Installing new sidewalk on the south side of the bridge
- Signage, lighting and signal upgrades
Miramar Parkway Interchange

Existing Interchange Features

- Existing left turn lanes

New Improvement Features

- Extended left turn lanes for maximum capacity
- Triple left turn lanes (WB to SB)
- Dual left turn lanes (EB to NB)
- New sidewalk on both sides
- New signalized ramps
- Dual left turn lanes (WB to SB)
- Dual left turn lanes (EB to NB)
- Option for future triple left turn lanes
- Sidewalk on north side only
- New sidewalk on both sides
- Existing left turn lanes

I-75 Express
Miramar Parkway Interchange
Construction update

Current Status

• Completed bridge end bents and piers for Phase 1
• Erected beams for Phase 1
• Pond excavation

Future activities

• Pour concrete bridge decks for Phase 1
• Shift eastbound traffic onto new bridge section
• Begin Phase 2:
  – Existing eastbound bridge demolition
  – Construction of new bridge mid-section
• Anticipated bridge completion by late 2016
Scope of Work:

- Four-lane divided bridge with inside and outside shoulders
- Bike lanes and sidewalks on both sides
- Lighting on the south side of the bridge
Pembroke Road Bridge
Construction update

Current Status
• All concrete piles have been driven
• Constructing intermediate bridge piers
• Broward County constructing bridge approaches

Future activities
• Broward County complete bridge approaches
• Completion of bridge end bents and piers
• Erect beams and pour bridge decks
• Anticipated bridge completion by late 2016
Scope of Work:

• Reconstructing the Miami Gardens Drive interchange
• Replacing the existing Bass Creek Road bridge deck
• Adding new movements at I-75/ Turnpike (HEFT) interchange
Proposed I-75/HEFT Interchange

Existing Movement

Miami Gardens Drive

Ramp H-5

Ramp H-12

Ramp H-10 and H-11

Ramp H-7

Ramp H-13

Southbound Turnpike to Northbound I-75

Southbound Turnpike to Southbound I-75 Express

Southbound I-75 to Southbound Turnpike

Southbound I-75 Express to Southbound Turnpike

Southbound I-75 to Northbound Turnpike

Southbound Turnpike to Southbound I-75

Southbound Turnpike to Northbound I-75 Express

Northbound I-75 to Northbound Turnpike

Northbound Turnpike to Northbound I-75 Express

Existing Movement

New Movement

Miami Gardens Drive

Ramp H-5

Ramp H-12

Ramp H-10 and H-11

Ramp H-7

Ramp H-13
Sound Barrier Wall Location

Segments A & B

- Benefited communities
  - Royal Landings
  - West Lakes Estates
  - Century Gardens
  - Lakes on the Green
  - Marbella Park West
  - Riviera Isles
  - Huntington
  - Courtyards at Nautica
Sound Barrier Walls

Communities within City of Miramar

Current Status

• Constructing embankment for Sound Wall in front of Nautica Community
  – Located south of Miramar Pkwy (west side)

Future Activities

• Complete Sound Wall in front of Nautica Community
Projected Express Lane Openings

- **Partial Express Lanes Opening (North of Griffin Rd to I-595)** in Spring 2017
- **Full Express Lanes Opening (NW 170th Street to I-595)** in Summer 2018
- **Construction Completion in Late 2018/ Early 2019**

### Construction Schedule

**I-75 EXPRESS LANES PROCUREMENT, DESIGN & CONSTRUCTION SCHEDULE**

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- **Procurement**
- **Preliminary Design**
- **Final Design/Construction**

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**I-75 Express – Corridor-wide**
Stay Informed

Sign up for Construction Updates and Lane Closure Information:

Project Public Information Officer
Fiorella Alvarez
(954) 548-2754
fiorella@iscprgroup.com

For more information on lane closures and other project details, log onto the FDOT Construction website at www.75-express.com
We welcome your comments and questions.