

Florida's Turnpike Enterprise

Widening Project Update: Miami-Dade County



October 9, 2012





Homestead Extension of Florida's Turnpike

Letting **Finish Widening**

July 2016 July 2020

415051-4
Bird Rd. to SR 836

January 2014 April 2016

427146-1
60th St. Canal to Bird Rd.

January 2014 August 2018

415051-1
Kendall to 60th St. Canal

May 2013 December 2017

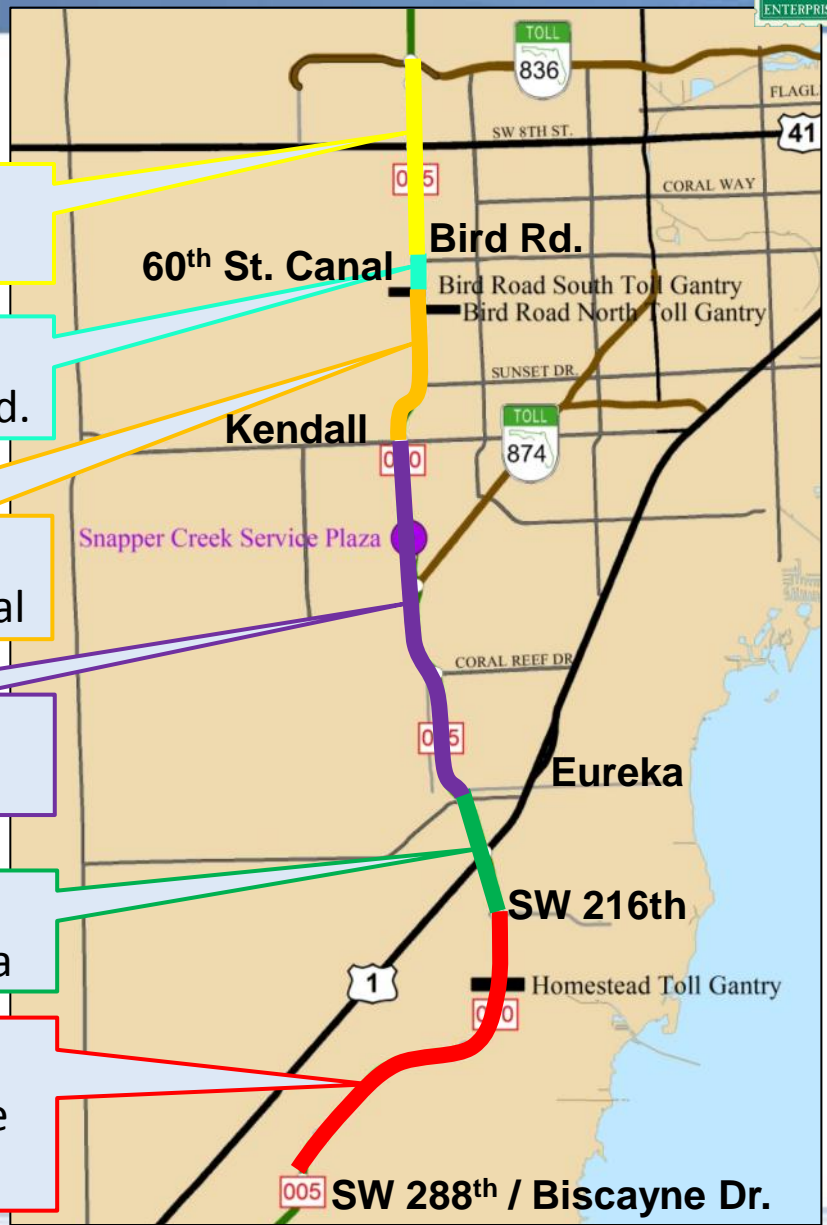
406096-1
Eureka Dr. to Kendall

April 2013 January 2016

415488-1
SW 216th St. to Eureka

July 2018 March 2022

423372-2
SW 288th St./Biscayne Dr. to SW 216th



The Need for Widening



- Existing HEFT Traffic Operations
 - Level of Service E
 - Bottlenecks exacerbate congestion
 - Peak hour speed routinely falls below 35 mph
- 2020 HEFT Traffic Operations – After Widening
 - Level of Service C
 - Speeds will continue to be impacted by congestion



Need for Congestion Management



- Based on traffic demand, congestion will begin to build in 2023
 - Cannot continue to widen indefinitely
- Implement congestion management tool
 - Add express lanes
 - Build for the future now



Express Lane Service in Miami-Dade



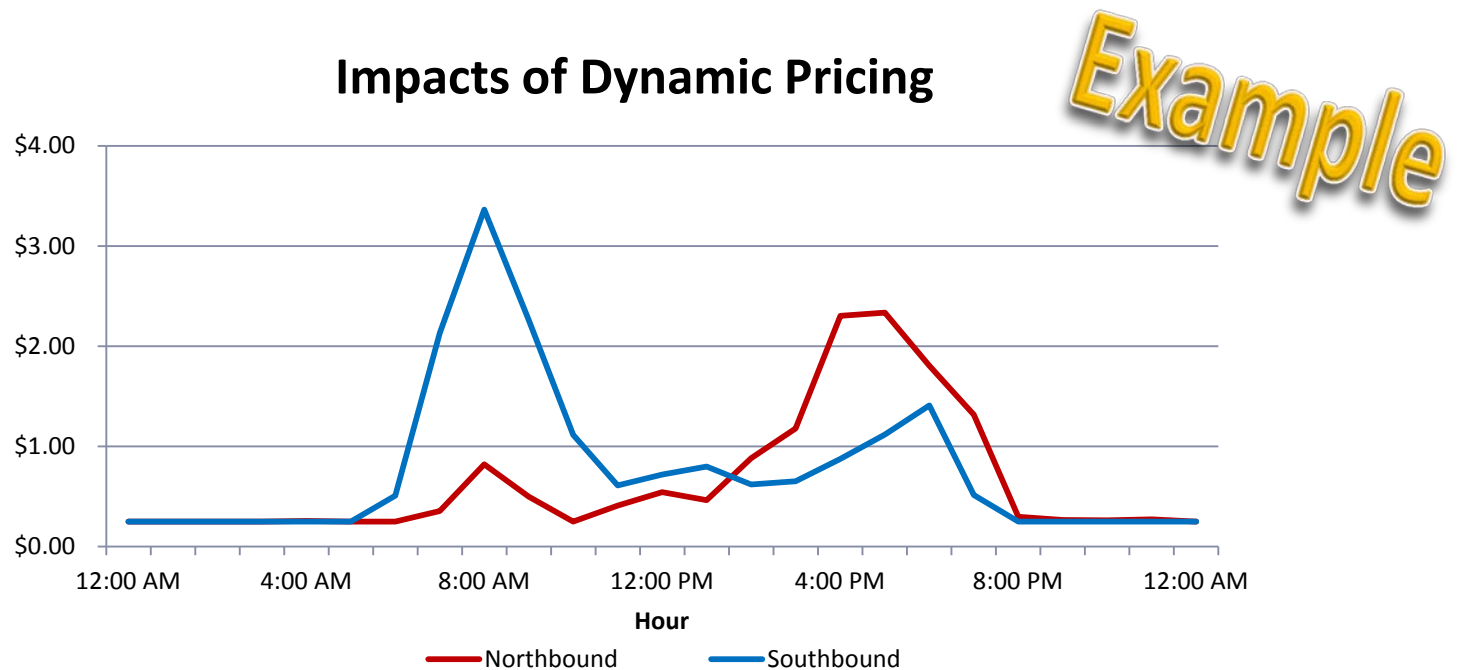
- Caribbean Blvd. (Dixie Hwy/ US-1) to SR 874
 - 5 miles
 - 1 new express lane/direction
- Kendall to SR 836
 - 6 miles
 - 2 new express lanes/direction
- Use flexible delineators for lane separation





HEFT Express Lane Policies

- Initially, 25¢ more than general toll lanes
- During congested hours, express lane pricing will vary to manage congestion



Source: Data obtained from SunGuide for the weekday period beginning Monday, June 11, 2012 on I-95 Express

HEFT Express Lane Policies



- Initially, 25¢ more than general toll lanes
- During congested hours, express lane pricing will vary to manage congestion
- Express lanes not available to commercial trucks
- Local commuter buses allowed in express lanes
- Must have SunPass to use express lanes

Benefits of Express Lanes

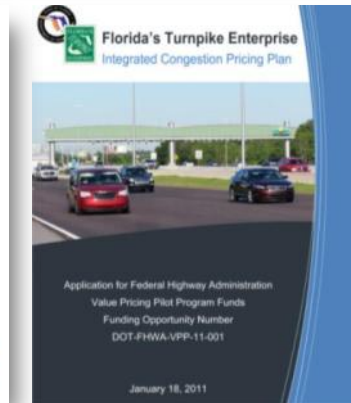


- Provides travel choices
- Improves safety
- Enhances mobility
- Minimizes delay
- Offers a more predictable travel time
- Reduces fuel consumption

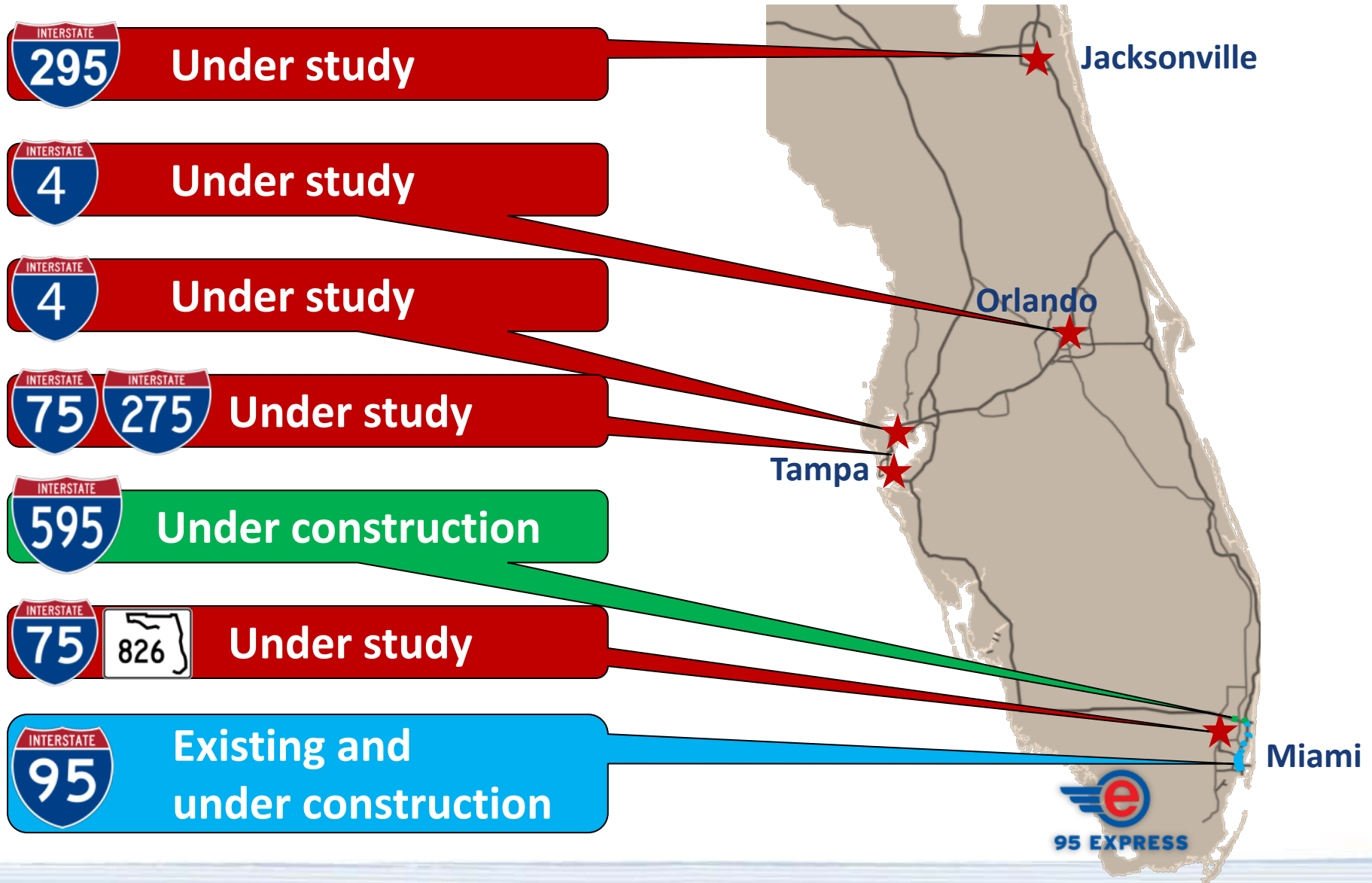


Statewide Congestion Management Efforts

- South Florida Express Lanes: Regional Concept of Transportation Operation (RCTO)
- FHWA – Value Pricing Pilot Program Funding
 - Districts 4 and 6
 - Turnpike Enterprise
 - Metroplan Orlando

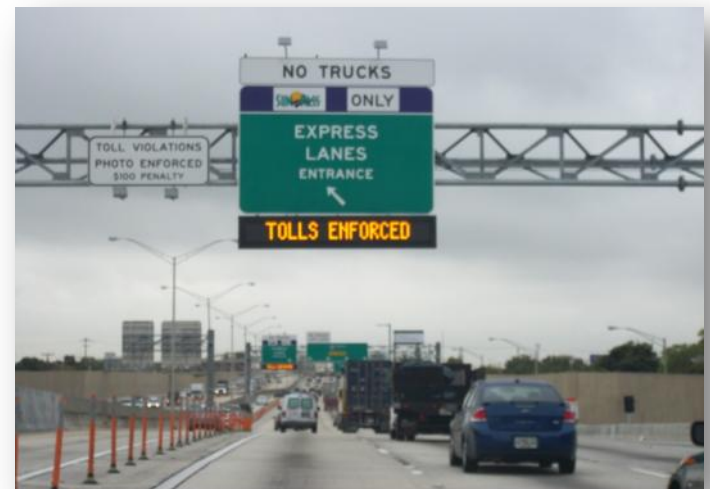


Express Lanes on Interstates



Lessons From 95 Express

- Highly successful project
- Improved overall corridor performance
- Increased peak hour speed in general purpose lanes to nearly 50 mph
- Benefited users of all income levels
- Top 5 vehicles:
 - Toyota
 - Nissan
 - Honda
 - Volkswagen
 - Ford



Summary



- Plan now to minimize future congestion
- Incorporate congestion management tool without the need for future construction
- Express lanes offer a practical solution:
 - Help lessen major delays during peak periods
 - Save valuable construction dollars

