



FLORIDA EXPRESS LANES

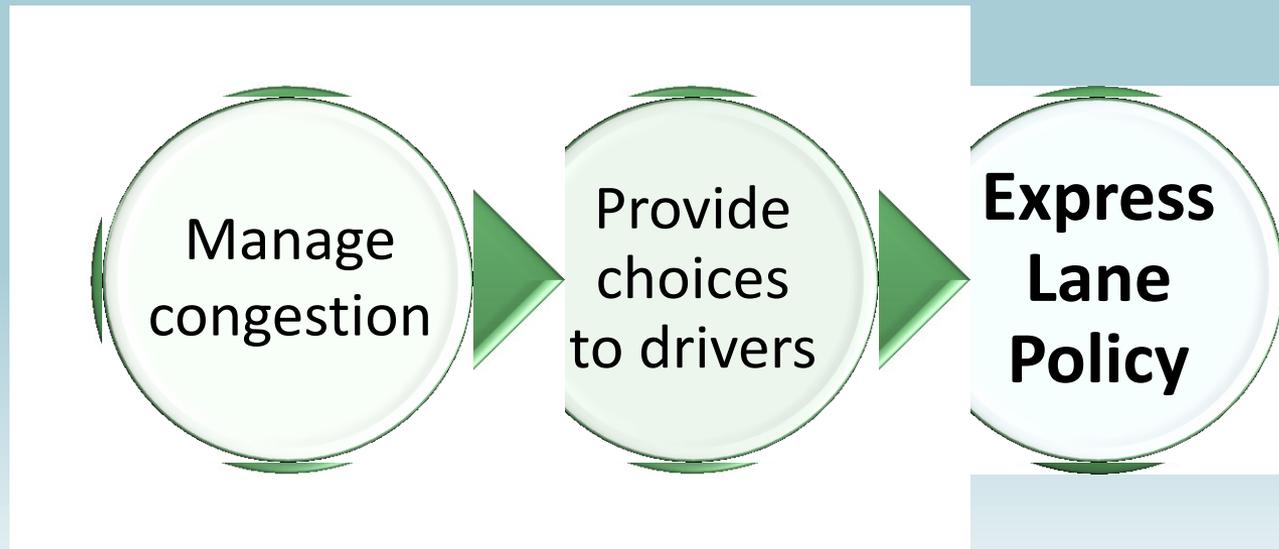
Reliable Mobility Choice

December 2014



FDOT's Express Lane Policy

“In an effort to better manage congestion and provide choices to drivers, Express Lanes must be considered for additional capacity on limited access facilities on the SHS”

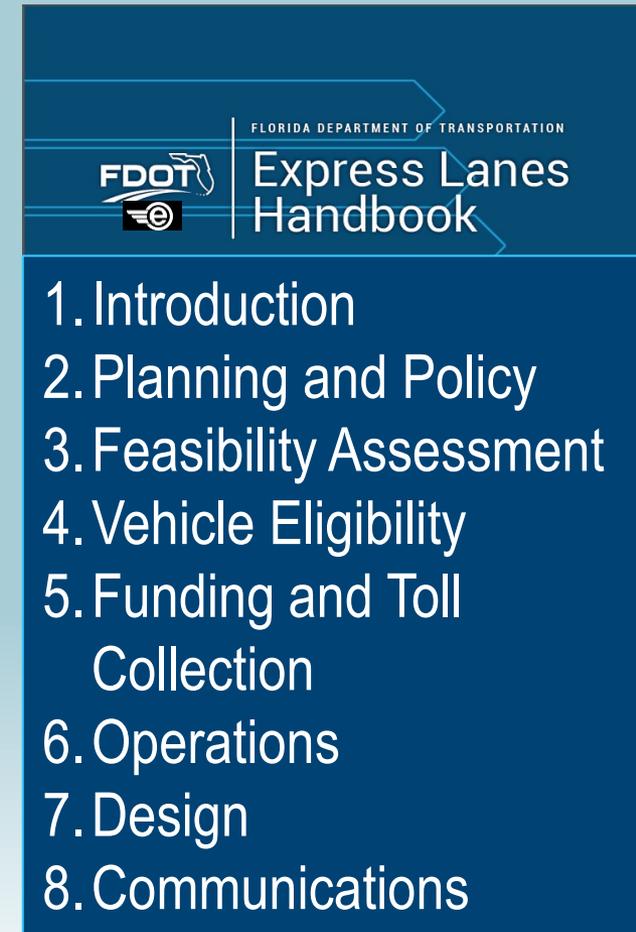


Tolling Policies

- Minimum Toll (Interstate)
- Toll Amounts (Interstates and Turnpike)
- Trucks (Interstates and Turnpike)
- Transit and public school Buses (Interstates and Turnpike)

Express Lane Handbook

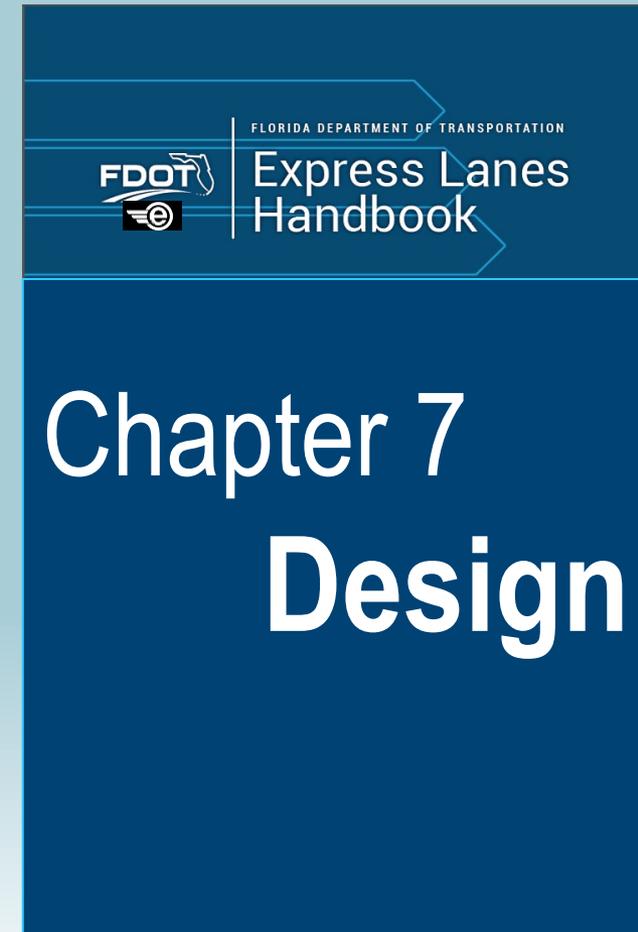
- Details policies and guiding principles to implementation
- Reviews of Chapters underway
- To be published Spring 2015



Express Lane Handbook

Key Design Elements

- Typical Section (lane separation)
- Performance (weaves/merges)
- Access point (number/location)
- Access treatment (direct connect or slip ramp)
- Geometry
- Signing and Pavement Marking
- ITS



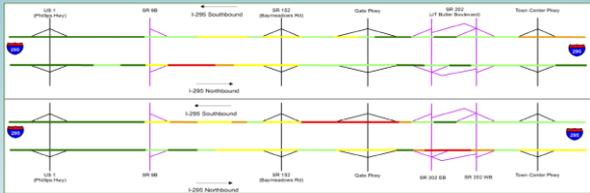
Current Status of Express Lane Projects



20 miles of Express Lanes in operation



108 miles of Express Lanes under construction



293 miles of Express Lanes in Planning

Current Status of Express Lane Projects



Operations

- I-95 Express Phase 1 (District 6)
- I-595 Express (District 4)

Construction

- I-75/Palmetto Express (District 6)
- I-95 Express Phase 2 (District 6)
- I-75 Express (District 4)

Planning, PD&E or Design

- I-95 Express Phase 3 (District 4)
- SR 826 East West Express (District 6)
- SR 826/Palmetto Express (District 6)

Districts 4 and 6

Current Status of Express Lane Projects

Planning, PD&E

I-4 Express

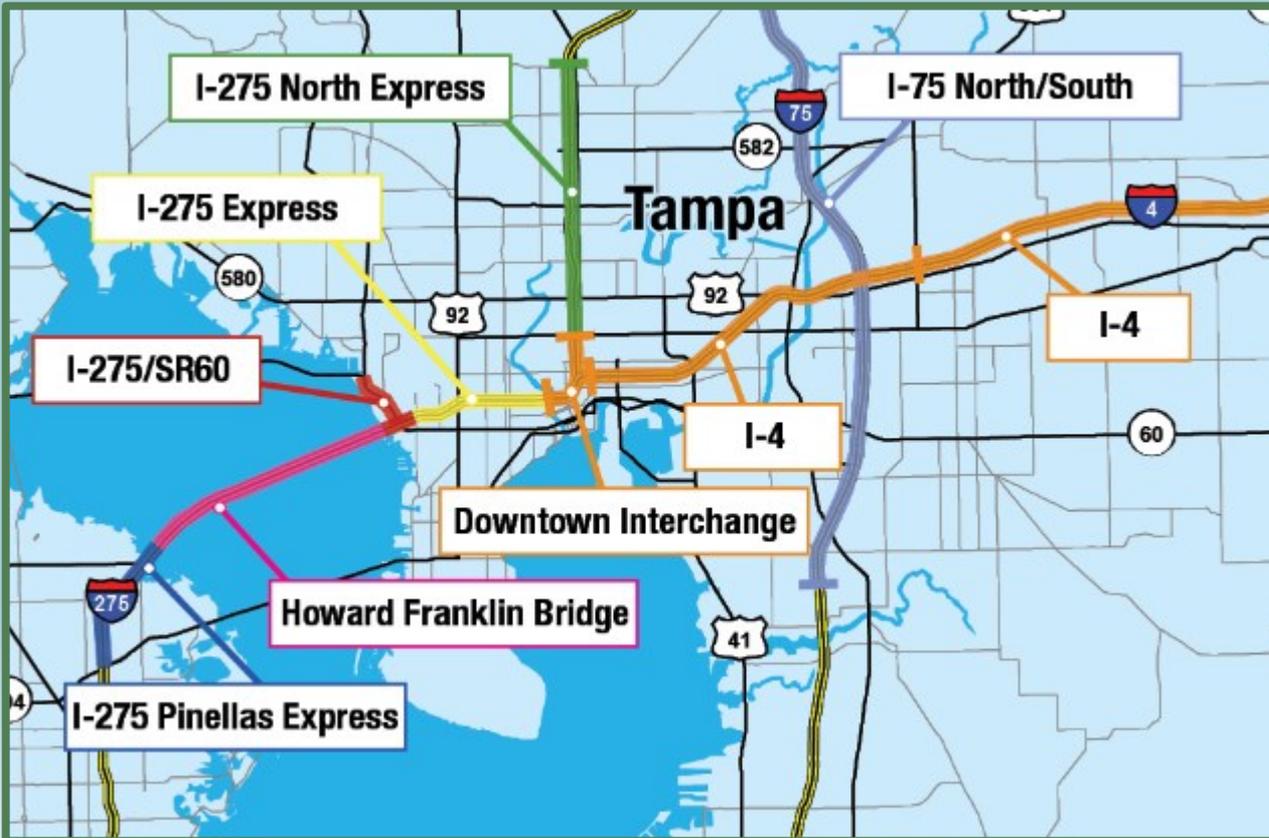
I-275 Pinellas Express

I-275 Express

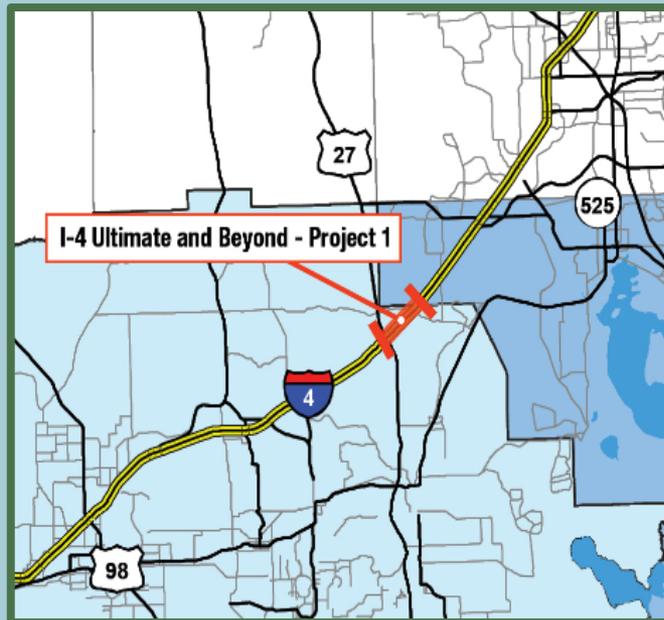
I-275 North Express

I-75 North/South Express

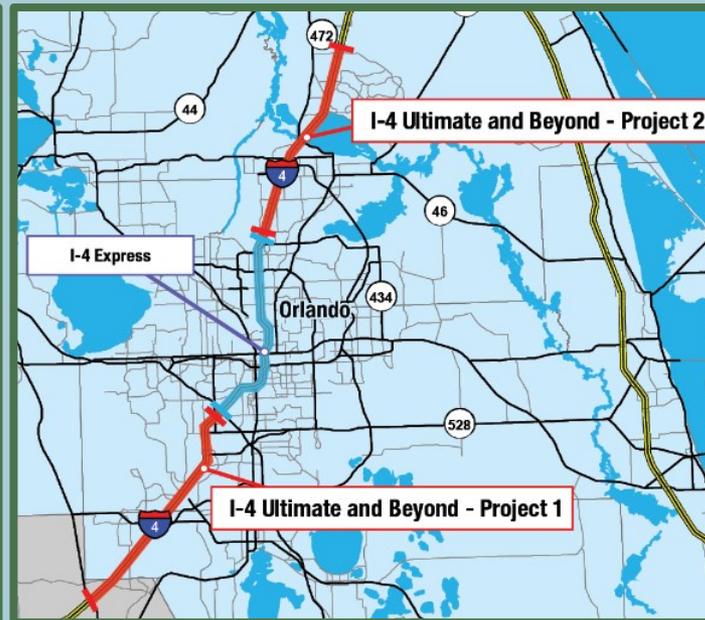
Howard Frankland Bridge



Current Status of Express Lane Projects



District 1



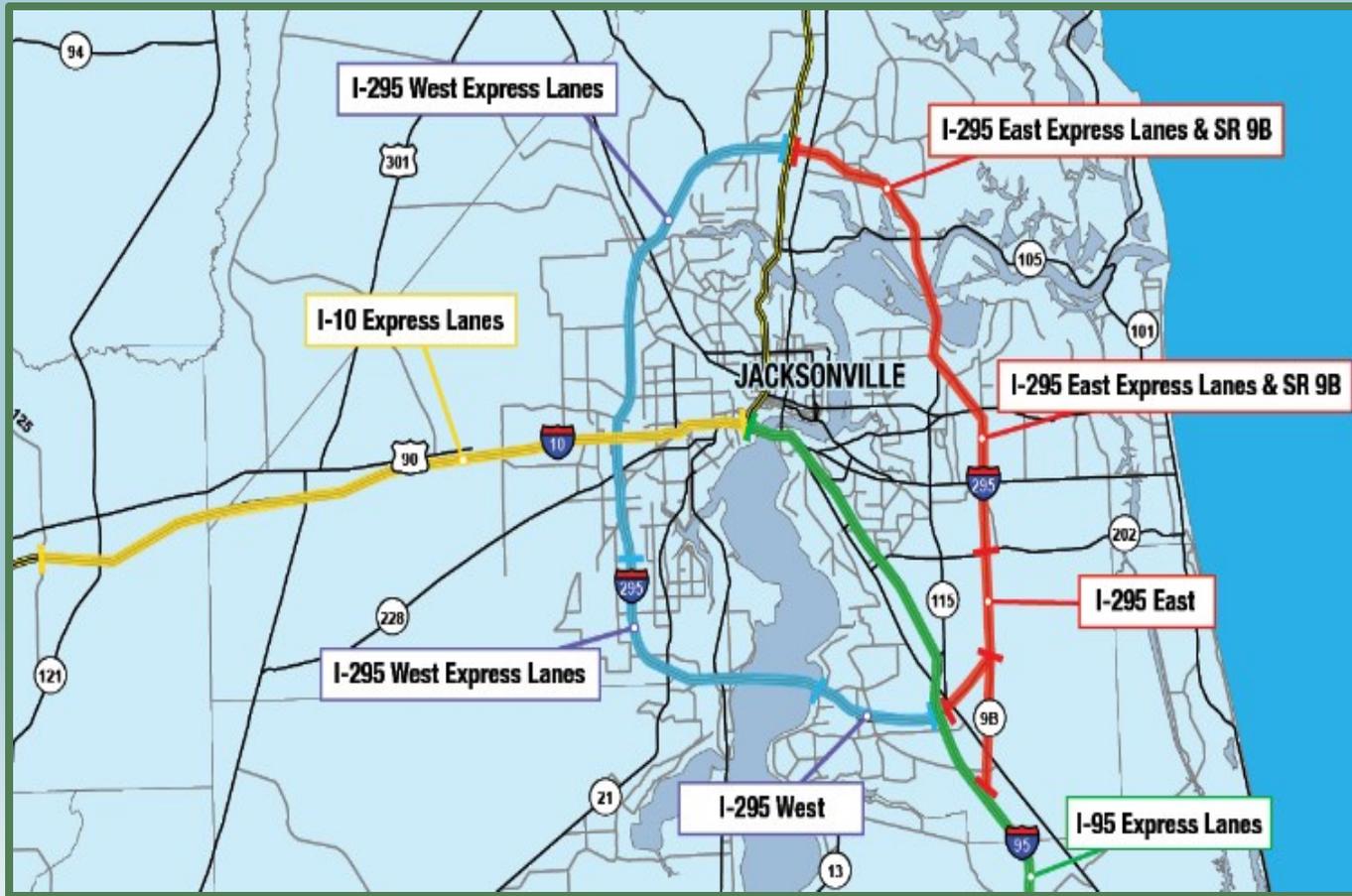
District 5

Construction
I-4 Ultimate (District 5)

Planning, PD&E
I-4 BtU (District 1)
I-4 BtU (District 5)

Btu = Beyond the Ultimate

Current Status of Express Lane Projects



Construction
I-295 West Express 1

Planning, PD&E
I-95 Express
I-295 East Express
I-295 West Express
I-10 Express

District 2



Current Status of Express Lane Projects



Turnpike

Construction

Veterans Expressway (Tampa)
HEFT Phase 2 thru 6 (Miami)

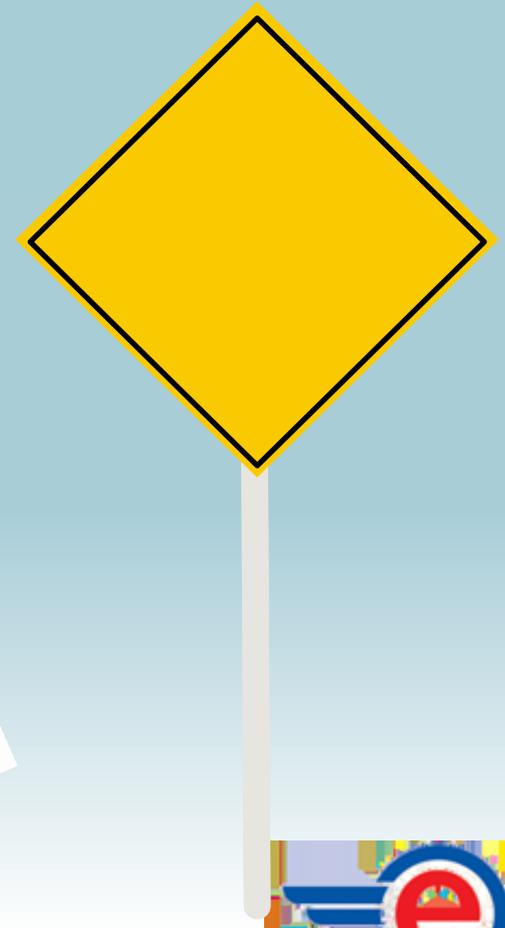
Design

HEFT Phase 1
Beachline West Express*

*Let for construction FY 2015

Next Steps...

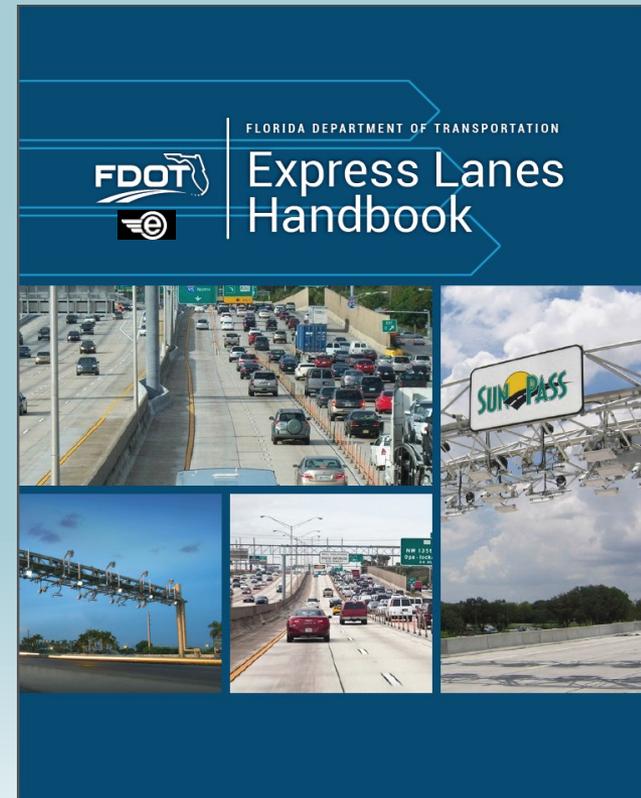
- Express Lanes Handbook
- Procedure and Standards
- Communications
- RCTOs
- ICM and Express Lanes



Next Steps...

Express Lanes Handbook

- Finalize reviews and development of Express Lanes handbook
- Publish handbook



Next Steps...

Procedures and Standards

- Incorporate comments from the reviews of the procedure
- Publish Tolling on Express Lanes Procedure
- Establish standards for the six guiding principles
- Establish applicable design and operating standards
- Develop a ROI tool or framework

Next Steps...

Communications

- Develop communication materials
- Promote Express Lanes benefits
- Capture public perception



The screenshot shows the Florida Managed Lanes website. At the top, there are logos for Florida Managed Lanes, TSM&O (Transportation Systems Management & Operations), and FDOT. Below the logos is a navigation menu with tabs for MAIN, OBJECTIVE, PROJECTS, PROGRAM APPROACH, RESOURCES, and MEETINGS. A news item is displayed with the text: "What's New: Updated project map ([Projects](#)); Wrap-up webinar ([Meetings](#)); Video presentations ([Resources](#))". Below the text is a photograph of a white bus with the number 95X on its rear display, driving on a highway with toll lanes. A blue arrow icon points to the text: "In an effort to better manage congestion and provide choices to drivers, Express Lanes must be considered for additional capacity on limited access facilities on the State Highway System."

Next Steps...

RCTOs

Create Tampa Bay RCTO

Howard Frankland Bridge, I-275, I-4, I-75, Veterans Exp.



Create northeast Florida RCTO
I-295, I-95, I-10

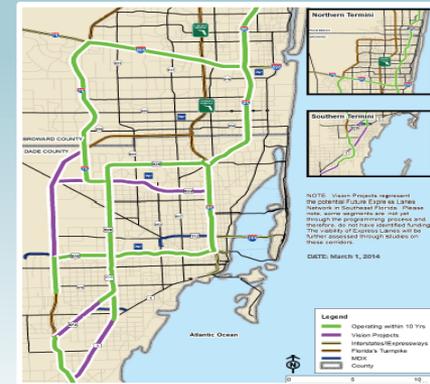


Create central Florida RCTO

I-4, Turnpike, SR 528

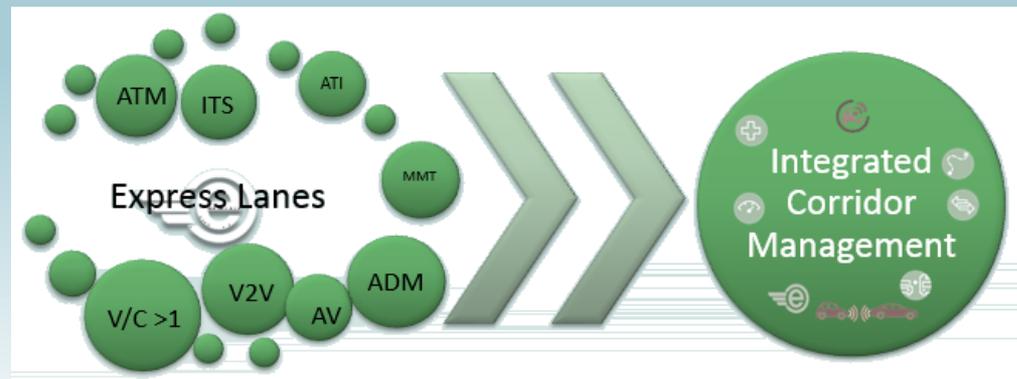


Update the southeast Florida RCTO



Next Steps...

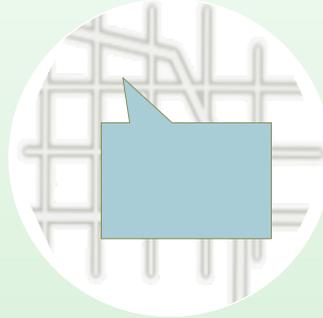
- Examine how Express Lane can support the integrated corridor management (ICM) system
- Advances in ITS technology would streamline management of express lanes, general use lane, arterials and transit networks.



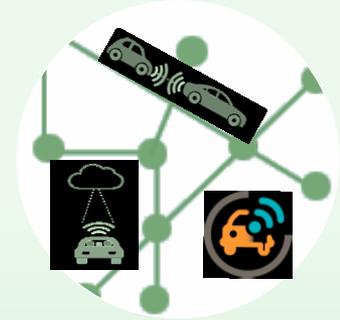
Next Steps...



Managing Express Lanes corridors as multimodal connected system of systems



Ubiquitous real-time information can enhance dynamic shift to other travel choices



Express Lanes are ITS ready, they can readily support AV and V2V piloting and deploying

Effect of Integrated Corridor Management (ICM) and evolving ITS technology

Discussion and Questions

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The logo features a stylized 'Z' with a lightning bolt above it, symbolizing drowsiness. Below this, the text reads 'You Snooze You Lose' in black and red, followed by 'Don't Drive Drowsy' in bold black text.

You Snooze You Lose
Don't Drive Drowsy