

Transportation & Infrastructure Subcommittee

Wednesday, October 23, 2019
12:30 PM – 2:30 PM
Reed Hall (102 HOB)

Meeting Packet

Jose R. Oliva
Speaker

Brad Drake
Chair

Committee Meeting Notice

HOUSE OF REPRESENTATIVES

Transportation & Infrastructure Subcommittee

Start Date and Time:	Wednesday, October 23, 2019 12:30 pm
End Date and Time:	Wednesday, October 23, 2019 02:30 pm
Location:	Reed Hall (102 HOB)
Duration:	2.00 hrs

Presentation by the Department of Transportation on Express Lanes

NOTICE FINALIZED on 10/16/2019 4:01PM by Denson.Tori

Express Lanes

Florida Department of
TRANSPORTATION

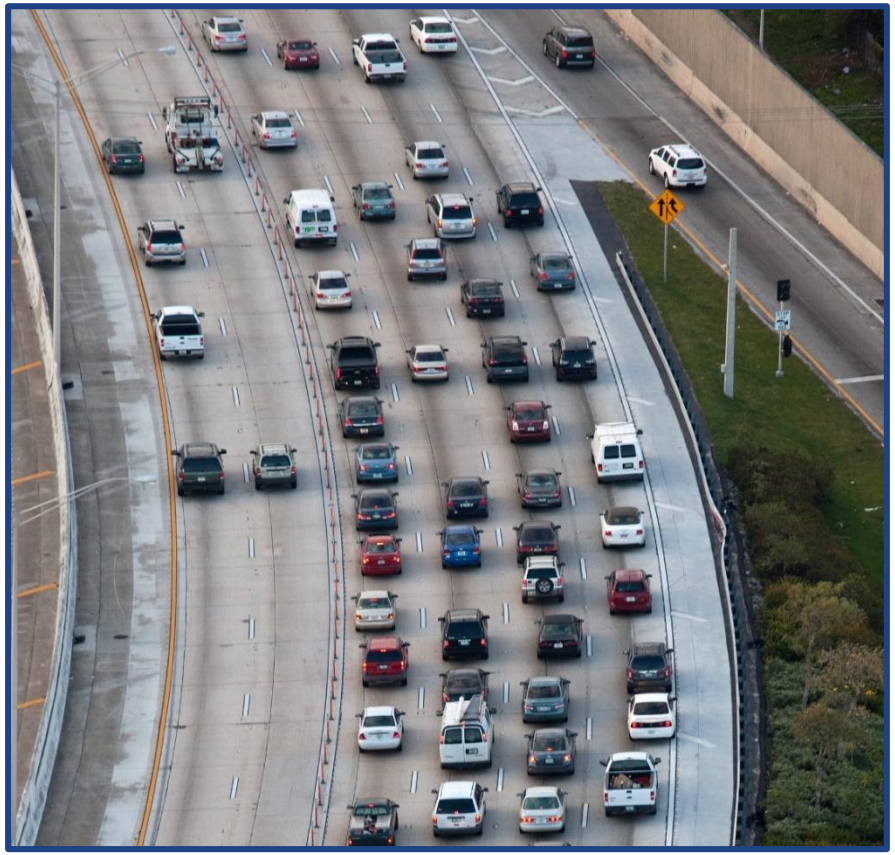
Managed Lanes

Stacy L. Miller, P.E., Assistant Secretary for Finance & Administration
House Transportation & Infrastructure Subcommittee
October 23, 2019

What are Managed Lanes?

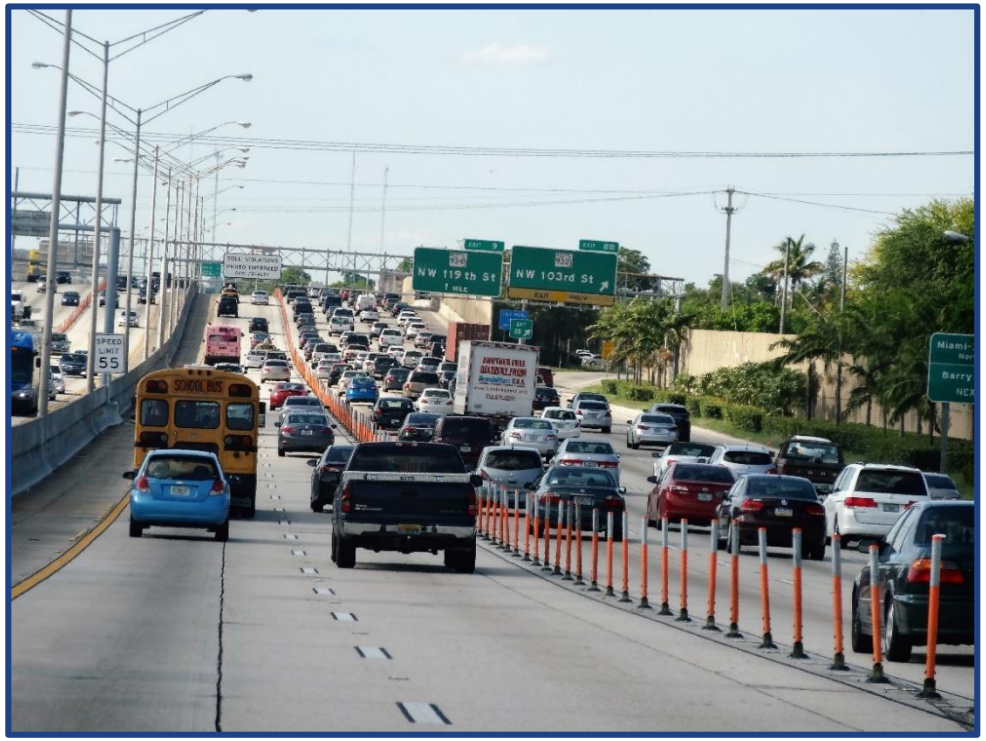
- **Managed Lanes are implemented on congested corridors as a way to provide congestion relief through more reliable travel along the corridor**

- **Managed Lane Characteristics**:
  - Limited entry/exit points
  - Separated lanes
  - Reliable travel time
  - Longer distance trips

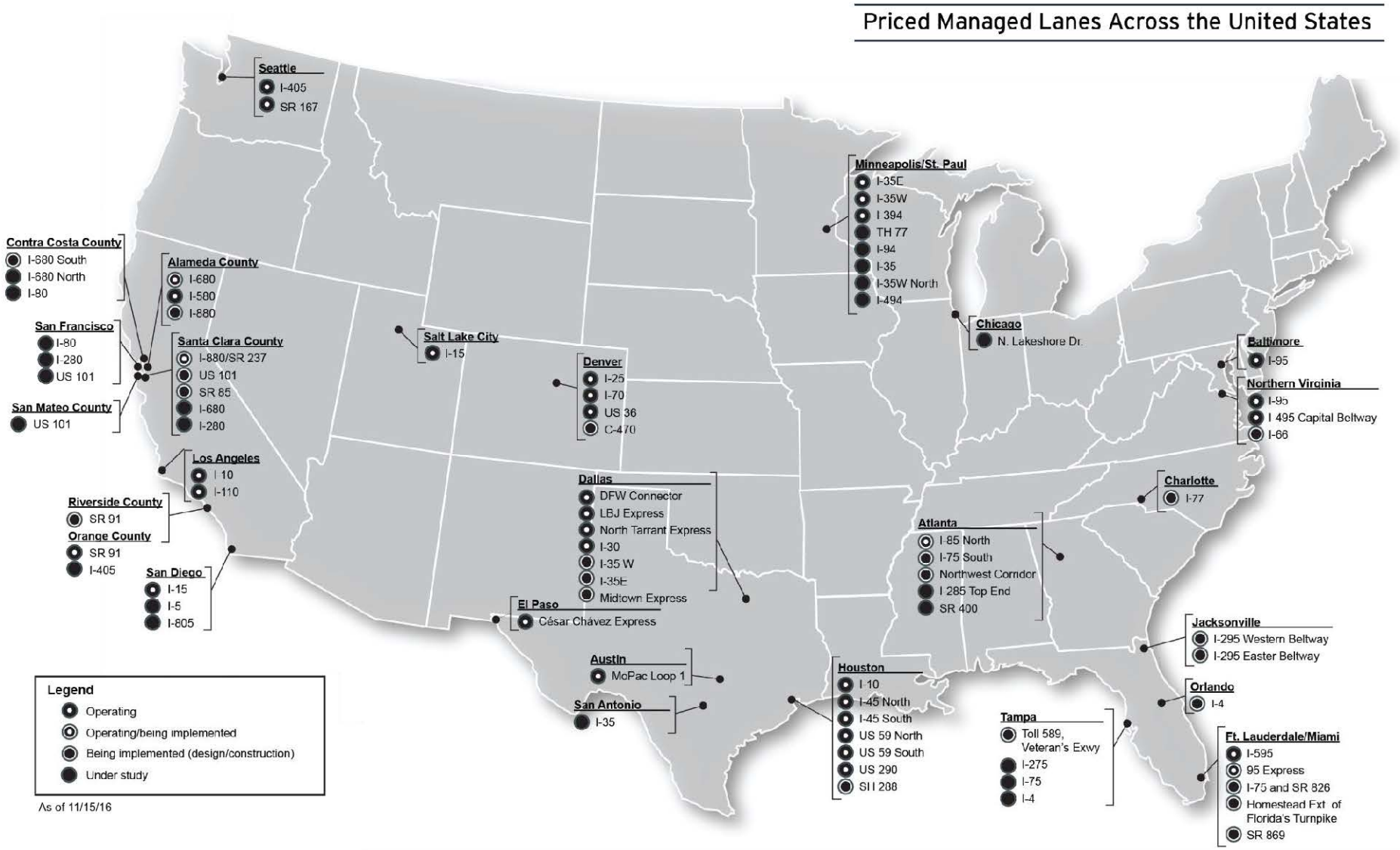


What are Express Lanes?

- **Express Lanes are managed lanes that include tolling to manage congestion**
  - Physically separated from a general use or general toll lane within an existing roadway corridor
  - Long term congestion management using pricing
  - Two axle vehicles only/No Trucks
  - SunPass Only
  - Provides for Express Bus Service



National Deployment



Florida's Experience Implementing Express Lanes

- **1990s | Operated HOV lanes along I-95 in Southeast Florida and along sections of I-4**

- **2006 | Implemented Federal Value Pricing Pilot Program (I-95)**
  - Single occupant vehicles permitted in HOV lane with payment of toll
  - Integrity of HOV must be preserved for the high occupant vehicles
  - New lanes were called express lanes

- **2012 | Title 23 USC Section 166 and Section 129 permitted tolling of additional lanes on the Interstate**
  - Efficient use of capacity
  - Choice of more reliable travel time
  - Under Governor Scott, Florida focused on implementing additional lanes/added capacity on limited-access highways as express lanes

Existing & Potential Managed Lanes Networks

In Operation – 74 miles

- 295 Express West Beltway
- 95 Express Phase I and II
- Palmetto Express
- 75 Express
- SR 589/Veterans
- SR 528 (Beachline) West

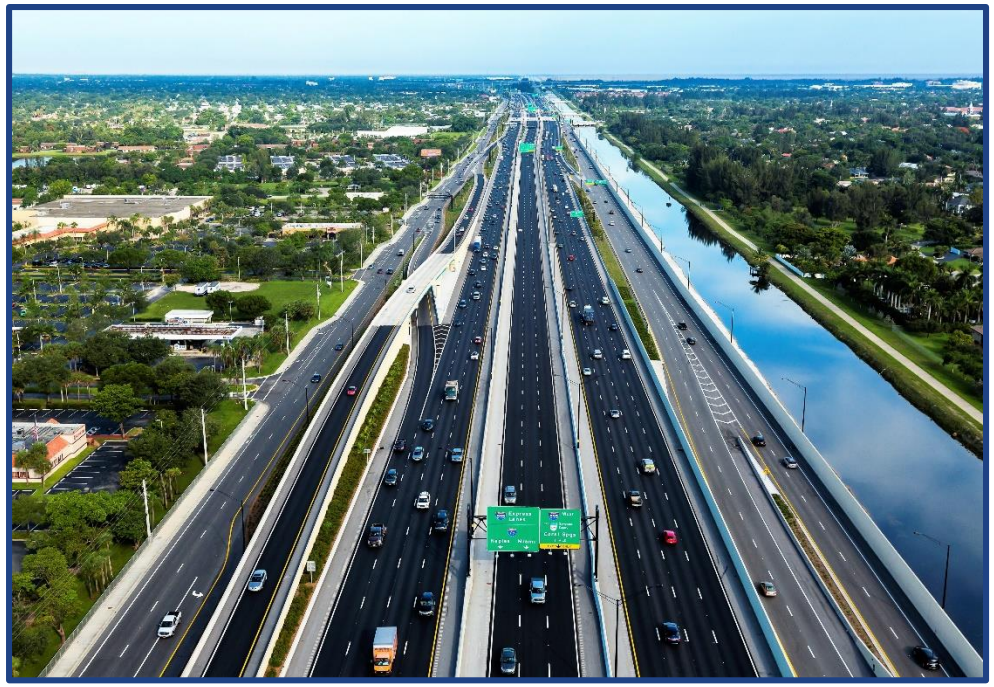
Under Construction – 95 miles

- 295 Express East Beltway
- 95 Express Phase III
- I-4 Ultimate
- 275/Howard Frankland Bridge
- Turnpike Mainline
- SR 528 (Beachline) East
- Homestead Extension of Florida's Turnpike (HEFT)

In Planning / Design – 450 miles

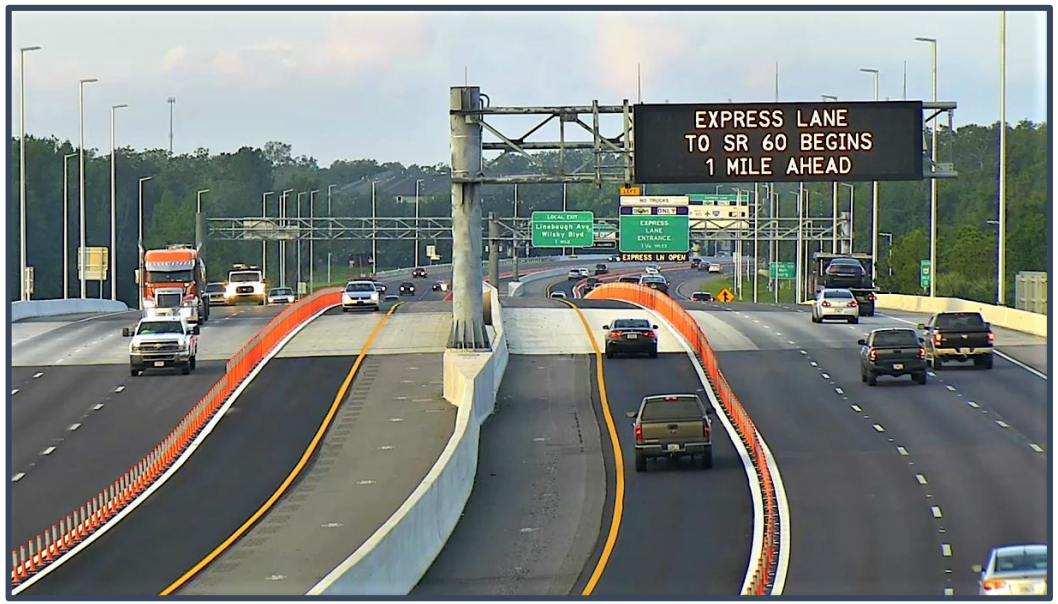
Managed Lanes Policy Shift

- Value proposition
- Tolling is not the only managed lane strategy
- Next Generation Managed Lane networks
  - Incorporate innovation, technology, and Connected and Automated Vehicle (CAV)



When to Implement Managed Lanes

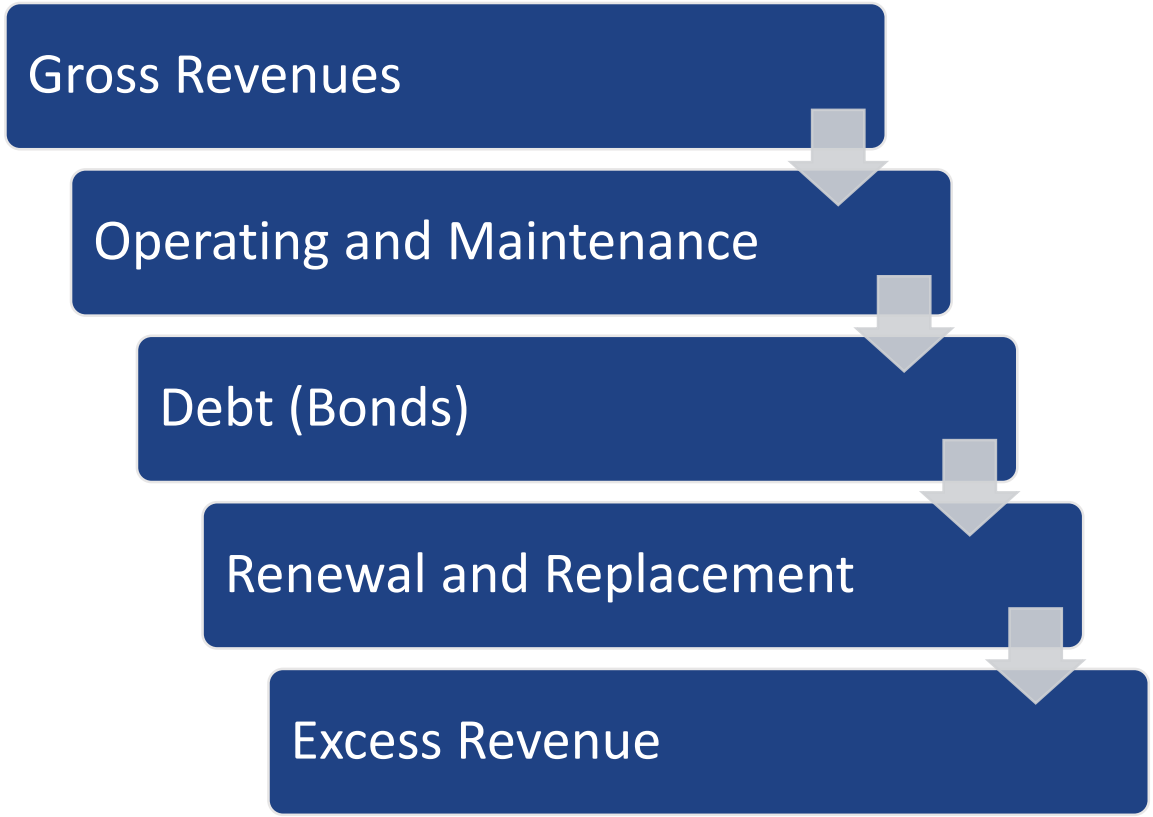
- **Choose the Right Solution for the Corridor and Region**
  - What are the safety concerns?
  - What are the local and regional community needs?
  - What is the congestion profile of the corridor?
  - What is the expected demand for managed lanes?
  - What will it cost to operate and manage the system?
  - Does the corridor serve transit/ freight activity?
  - **What is the performance objective?**



Financial Information – Express Lanes

- **Operating and Maintenance**
  - Cost to collect tolls
  - Replacement of plastic poles
  - Road Ranger Service Patrol
  - FHP/Enforcement
  - Traffic Management Center (TMC) Express Lane Operations
  - Intelligent Transportation System (ITS) Maintenance
- **Renewal and Replacement**
  - Resurfacing and rehabilitation
  - ITS device replacement

Toll Revenue Flow of Funds



FDOT Listens

- Ongoing public outreach for every project and make adjustments as needed
- It's about doing the right thing for the facility's needs
- Facility needs change over time
  - Monitor conditions and adjust
  - Keep traffic moving



Questions?