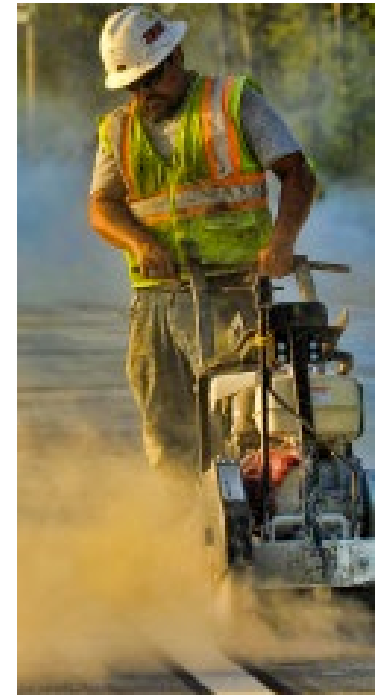




# Implementing Managed Lanes in Georgia

Darryl D. VanMeter, P.E.  
Asst. P3 Division Director / State Innovative Delivery  
Administrator

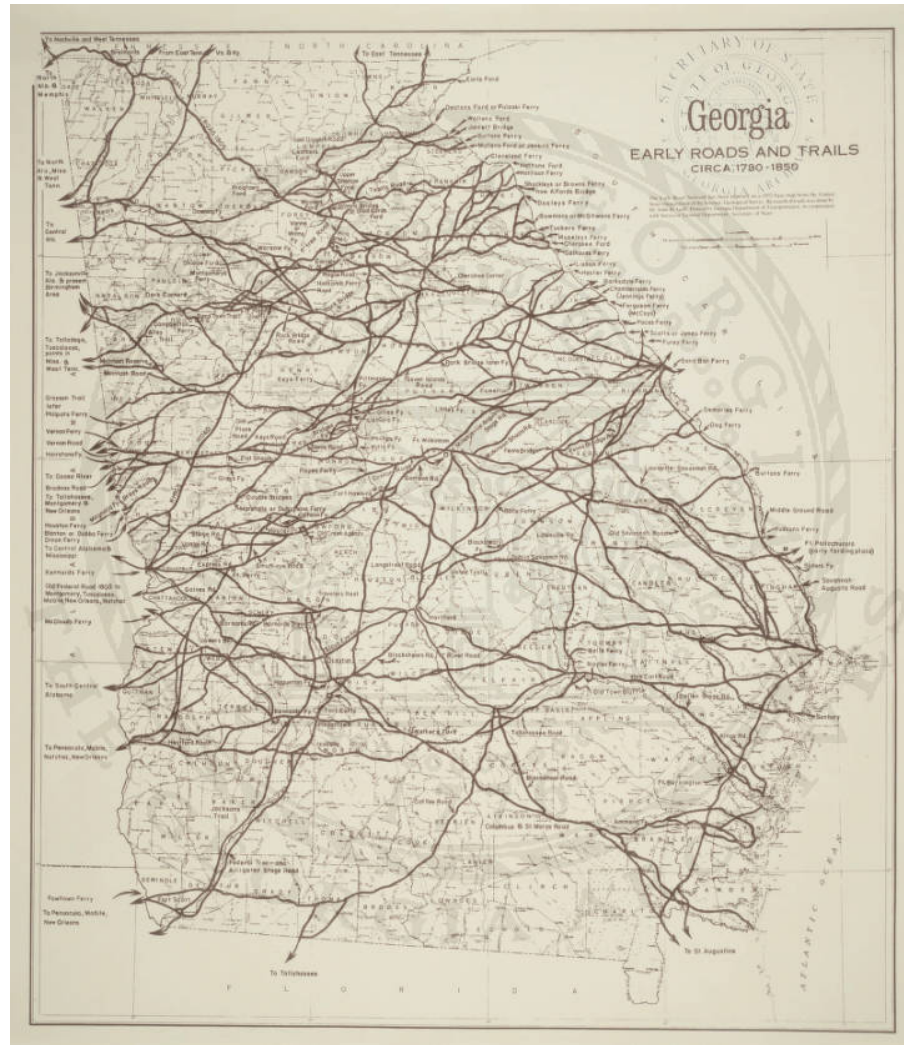
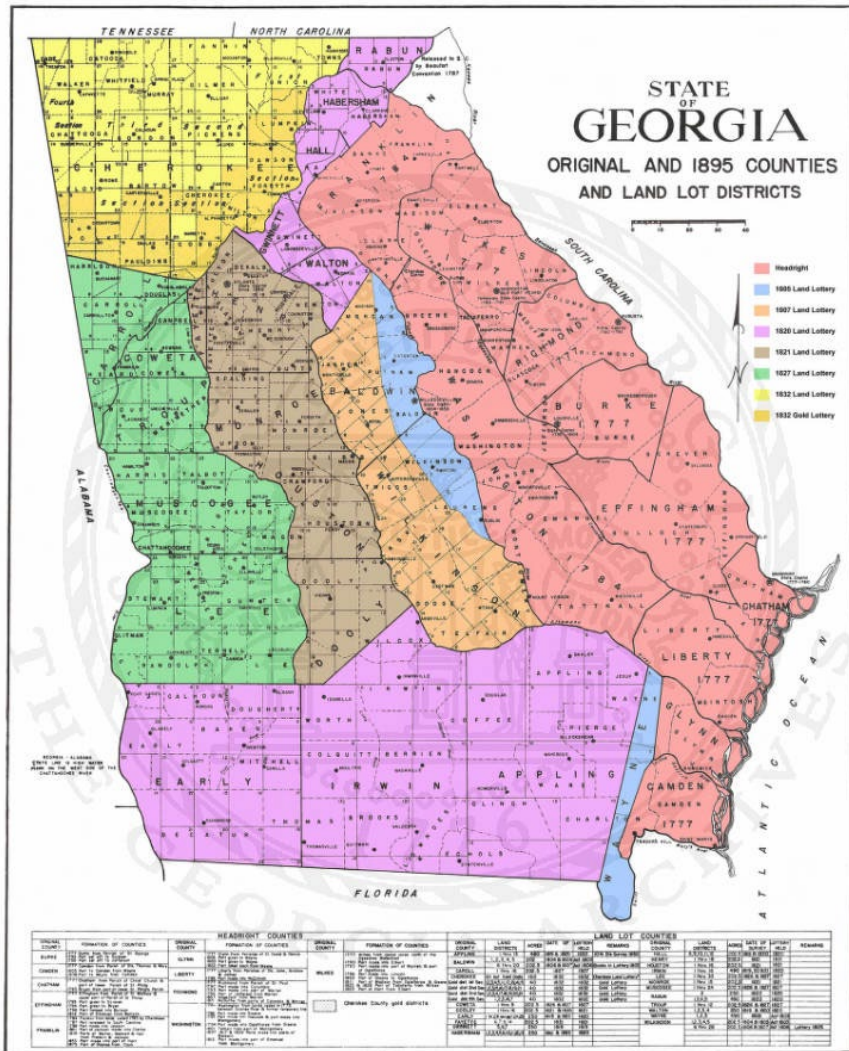
August 20, 2019







# In the Beginning...





# And Then There Were Roads

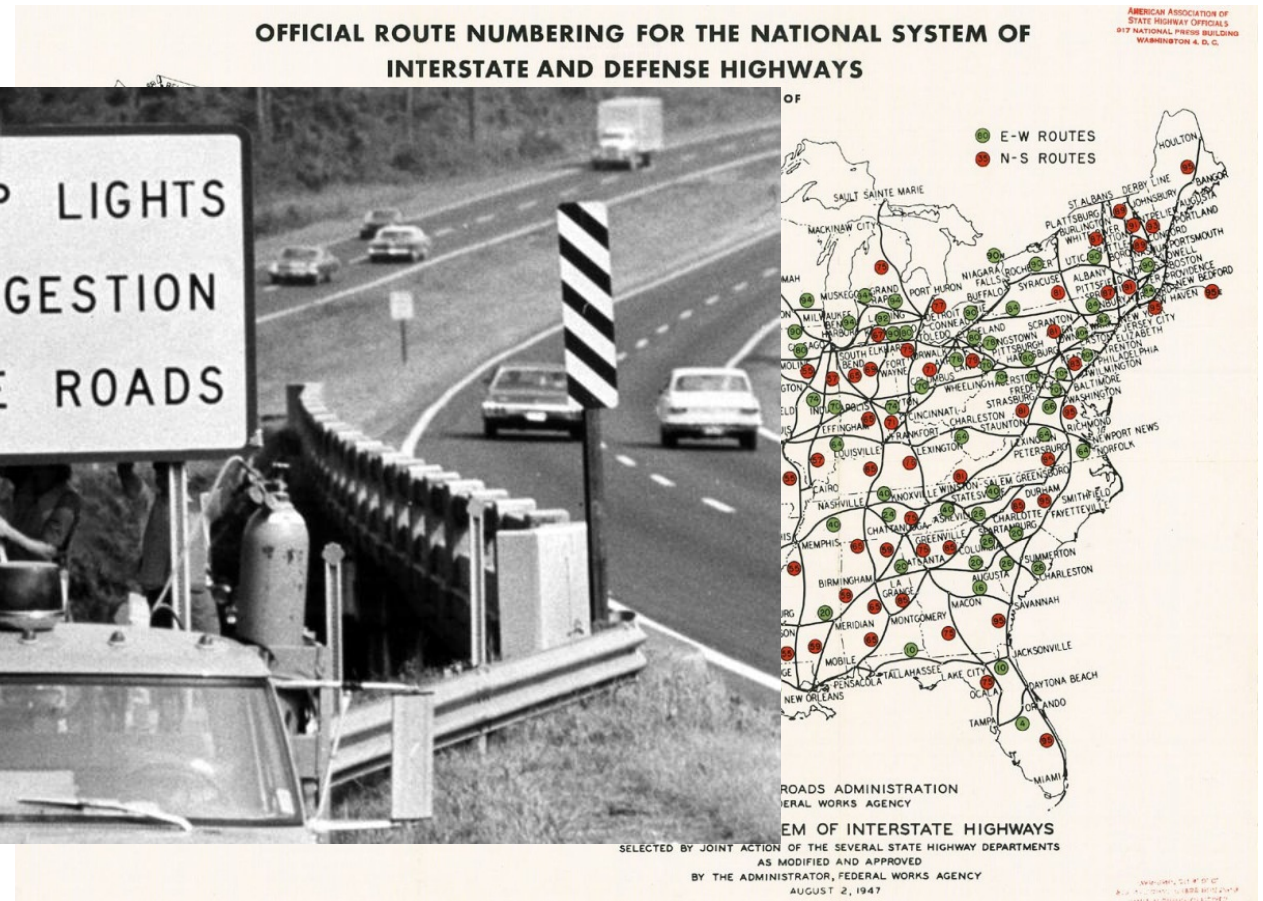
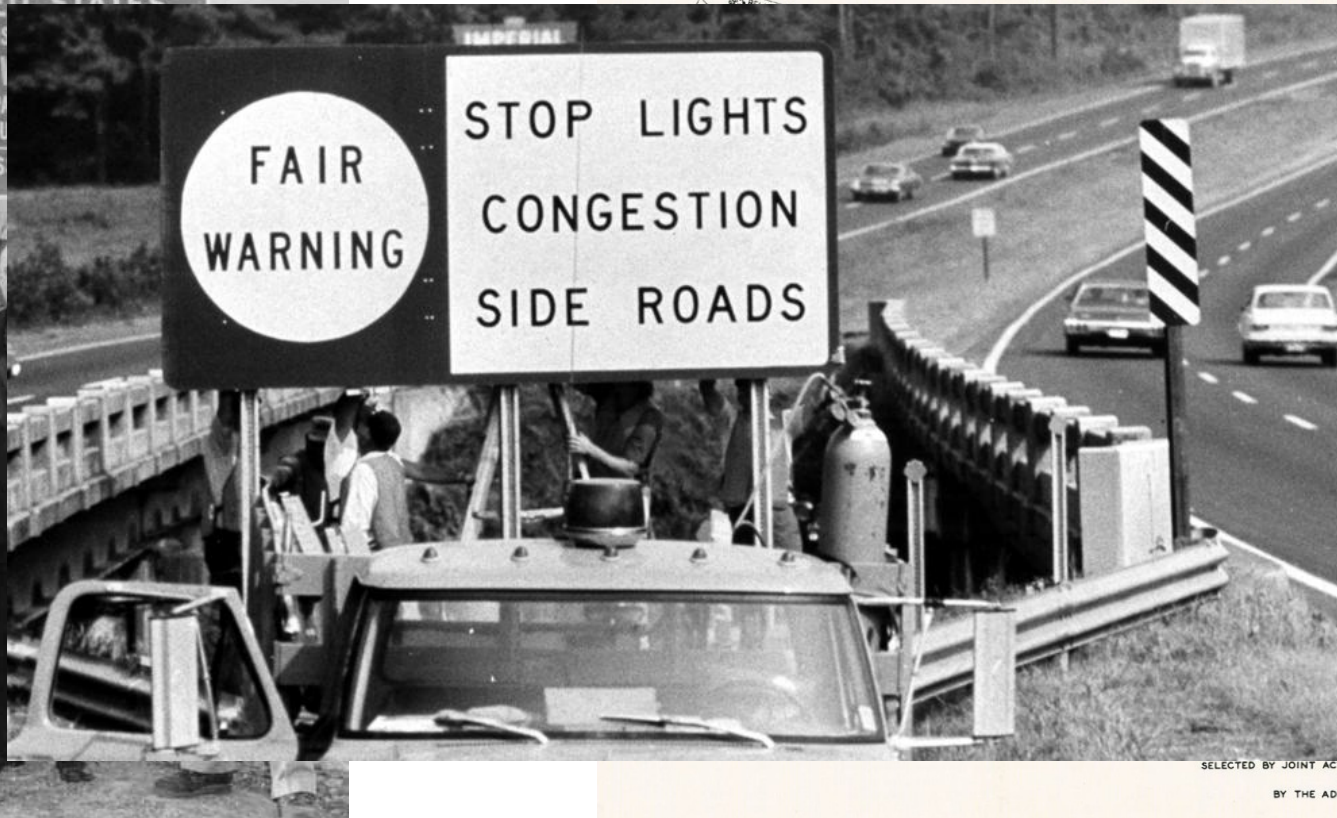


# And A Need to Pave





# Then Came the Interstate Highway System



# Growth in Georgia

## State of Georgia by the Numbers



**#1** Busiest Airport  
in the World



**Port of Savannah:**  
Largest single container  
terminal in North America



**10.66** Million People



**59,425** Square Miles



Fortune 500 HQ: **18**

Fortune 1000 HQ: **32**

Sources: Metro Atlanta Chamber, Metrostudy,  
Georgia Department of Economic Development

## Statewide Employment Numbers:



**3.9%** statewide  
unemployment rate



Down **8.6%** since 2010

## Major Employers Located in Georgia:



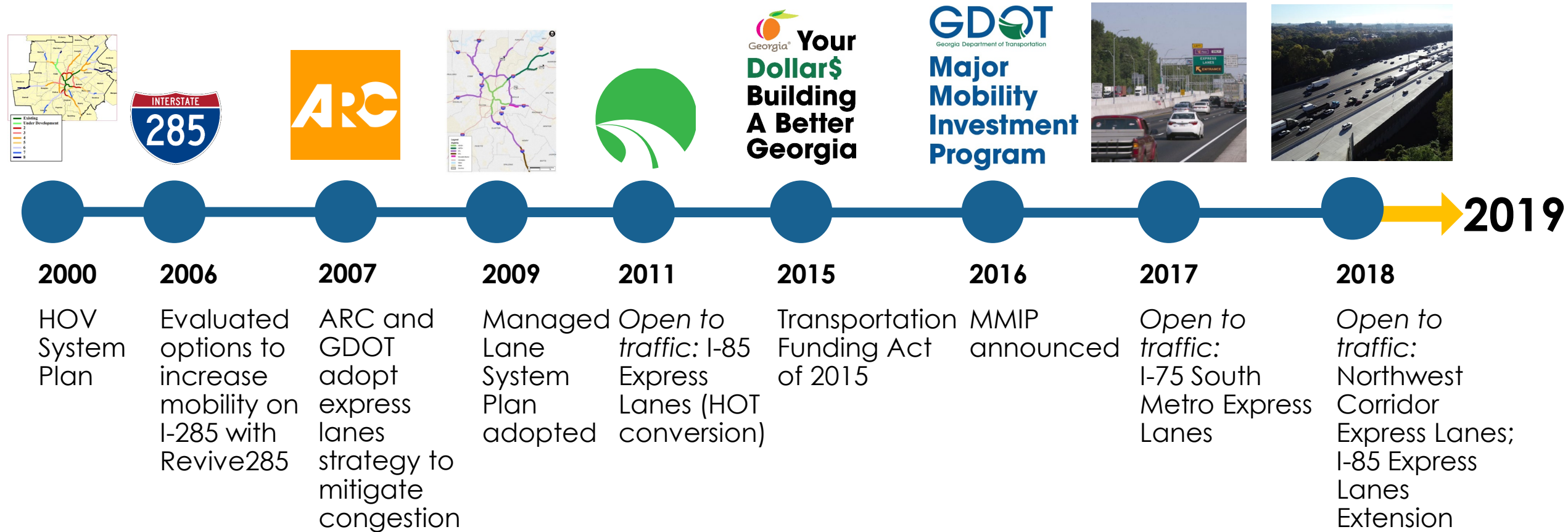
Mercedes-Benz



PORSCHE

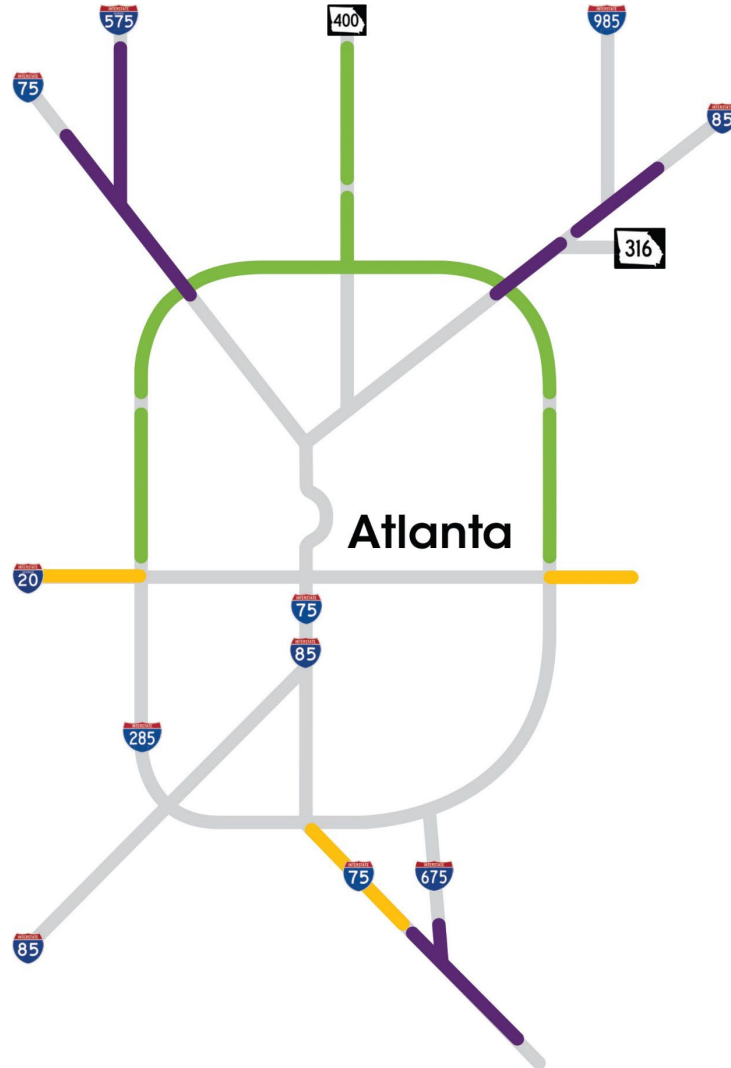


# Express Lanes Vision





# Georgia Express Lanes Network



## In Operation

- I-85 Express Lanes
- I-75 South Metro Express Lanes
- Northwest Corridor Express Lanes
- I-85 Express Lanes Extension

## MMIP

- I-285 Eastside Express Lanes
- I-285 Top End Express Lanes
- I-285 Westside Express Lanes
- SR 400 Express Lanes

## Long-Range

- I-20 East Express Lanes
- I-20 West Express Lanes
- I-75 Gap Express Lanes

# Operational Georgia Express Lanes



## I-85 Express Lanes

- Opened as a pilot project in 2011
- HOT lanes; 3+ carpools, Alternative Fuel Vehicles (AFV) use lanes toll-free
- 16 miles



## I-75 South Metro Express Lanes

- Opened to traffic in 2017
- Reversible system
- 12 miles



## Northwest Corridor Express Lanes

- Opened to traffic in 2018
- Most innovative express lanes system in the country
- 29.7 miles



## I-85 Express Lanes Extension

- Opened to traffic in 2018
- Extended existing I-85 Express Lanes corridor 10 miles north

## Northwest Corridor Express Lanes Success



Rush hour has been reduced by over **1 hour** in both the morning and evening commutes



Total trips: **6.3 million**



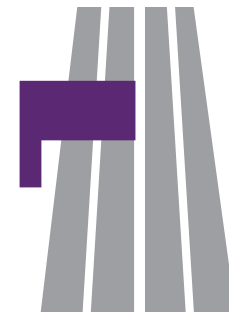
Travel **speeds are 30% faster** in the express lanes than in the general purpose lanes



Average daily fare: **\$2.32**



Weekday trip average: **25,500**



GP lanes are up to **20 mph faster** than they were before the express lanes opened



# MMIP Projects and Locations



3 Major  
Interchange  
Projects



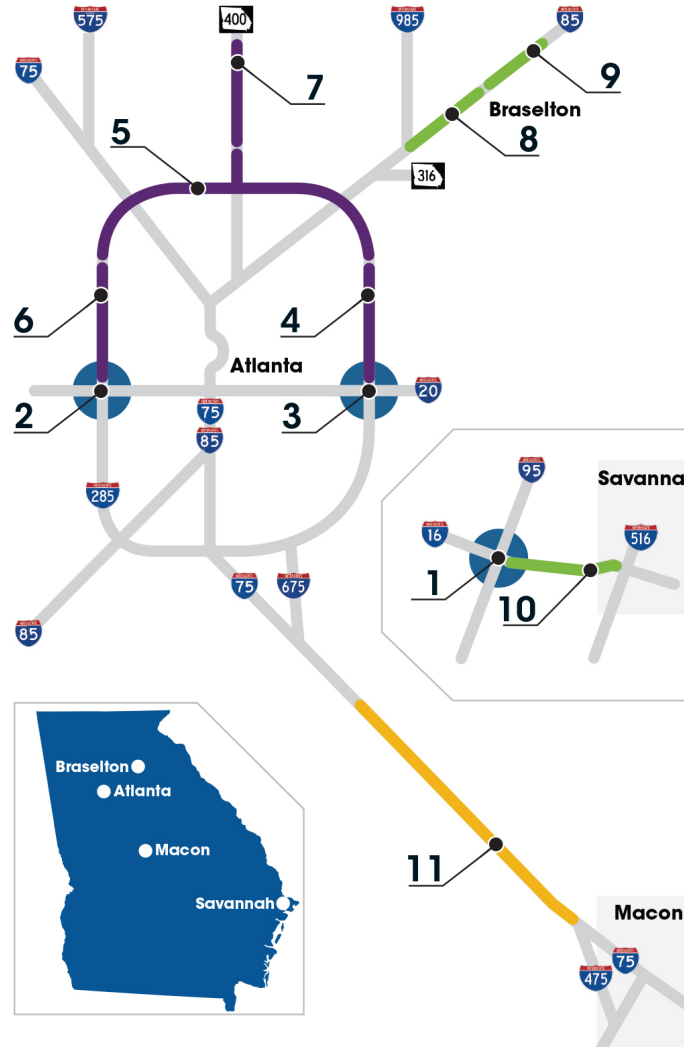
4 Major Express  
Lanes Projects



3 Major Interstate  
Widening Projects



1 Commercial  
Vehicle Lanes  
Project



## Interchange Reconstruction:

1. I-16/I-95
2. I-285/I-20 West
3. I-285/I-20 East

## Express Lanes:

4. I-285 Eastside
5. I-285 Top End
6. I-285 Westside
7. SR 400

## Interstate Widening:

8. I-85 Phase I
9. I-85 Phase II
10. I-16

## Commercial Vehicle Lanes:

11. I-75

# Success Factors



Department  
alignment



Lessons learned and  
continuous improvement



Early industry  
coordination



Leverage  
innovation

# Challenges



Availability of industry delivery expertise due to many projects in construction in a short period of time



Possible wage rate increase with labor shortage



Striking balance and alignment between Owner and Developer



Maintaining and growing public support and institutional alignment



THANK  
YOU



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@GADeptofTrans



@gadeptoftrans



[www.dot.ga.gov/MMIP](http://www.dot.ga.gov/MMIP)