

# Major Mobility Improvement Program (MMIP)

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MMIP Program Manager

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# Agenda

- **Introductions/Roles**
- **Meeting Objective**
- **Major Mobility Investment Program (MMIP)**
- **MMIP and the Georgia Express Lanes System**
- **Transit and Managed Lanes**
- **GDOT Projects, Status, Schedule**
- **Open Discussion – Project Coordination**

# Major Mobility Investment Program Update

11 Major Projects Now Underway

# Major Mobility Investment Program (MMIP)



\$11 Billion Program



11 projects under contract in 10 years (by 2026)

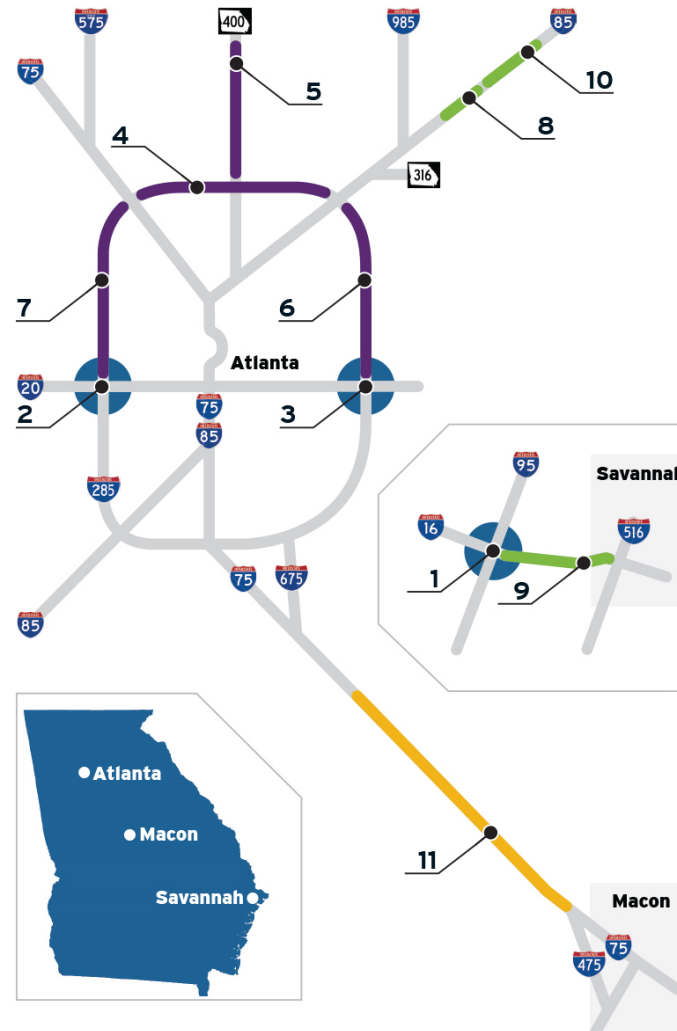


Uses Innovative Delivery and Public-Private Partnerships to accelerate projects

# MMIP Projects

11 major mobility projects in construction in 10 years (by 2026)

- \$11 billion program
- Improve passenger and freight movement
- Use innovative delivery and public-private partnerships to accelerate projects



## Interchange Reconstruction:

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

## Express Lanes:

4. Revive 285 Express Lanes I-75 to I-85
5. SR 400 Express Lanes I-285 to McFarland Pkwy.
6. I-285 East Wall Express Lanes I-85 to I-20
7. I-285 West Wall Express Lanes I-20 to I-75

## Interstate Widening:

8. I-85 North Widening Hamilton Mill Rd. to SR 211
9. I-16 Widening I-95 to I-516
10. I-85 North Widening SR 211 to US 129

## Commercial Vehicle Lanes:

11. Commercial Vehicle Lanes SR 155 to I-475

# 11 Major Mobility Improvement Projects



**3 Major Interchange Projects**



**4 Major Express Lanes Projects**



**3 Major Interstate Widening Projects**



**1 Commercial Vehicle Lanes Project**

# MMIP Benefits



Creates additional capacity



Reliability



Improves passenger, transit and freight movement



Enhances safety

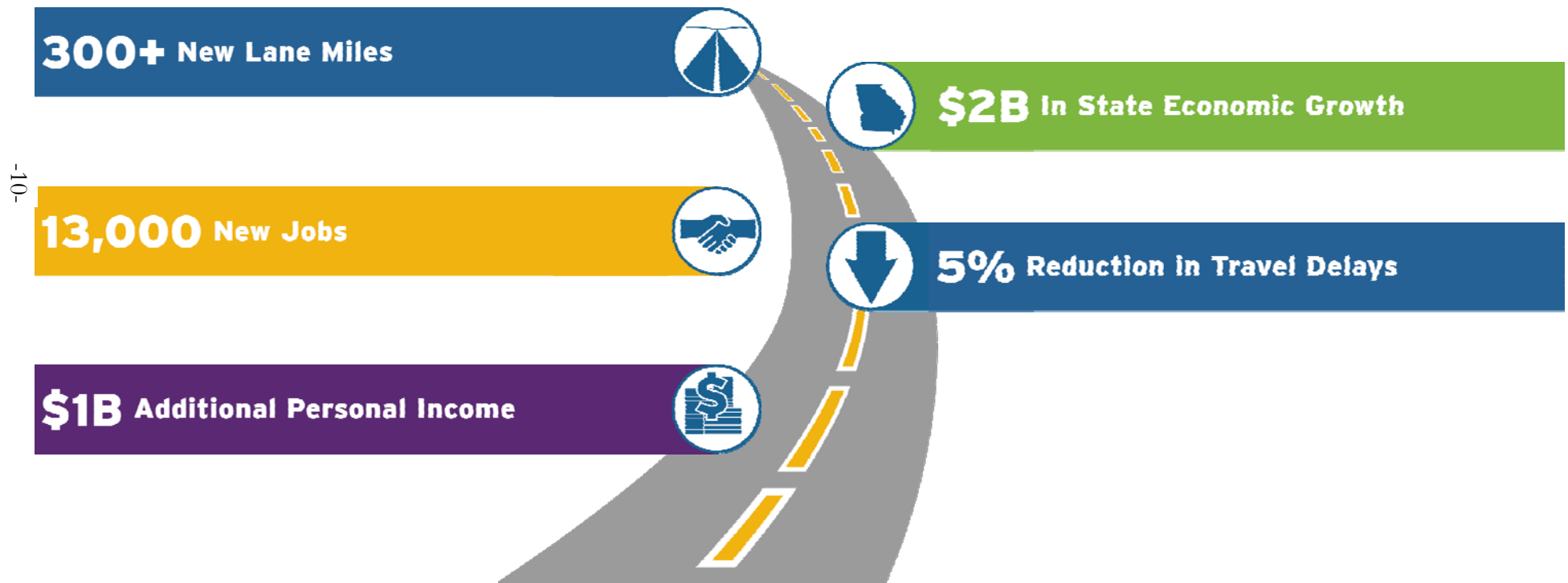


Offers operational improvements and efficiencies



Decreases travel times

# MMIP Gets Results



Source: Cambridge Systematics study for Georgia DOT, 2016

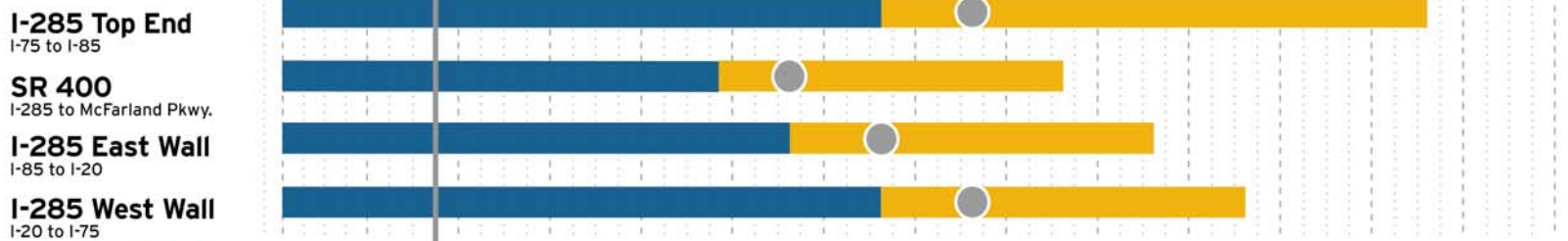


# MMIP Schedule

## Interchange Reconstruction:



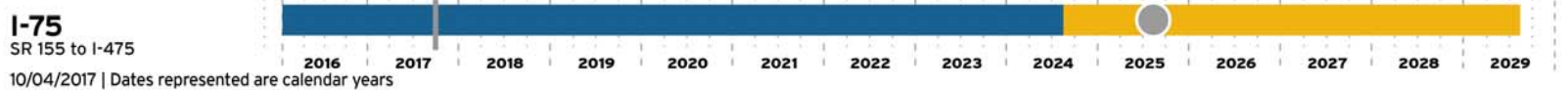
## Express Lanes:



## Interstate Widening:



## Commercial Vehicle Lanes:



10/04/2017 | Dates represented are calendar years

**Legend:**  
 Engineering, Environmental, Design, Right-of-Way  
 Final Design, Right-of-Way, Construction  
 Est. Construction Start

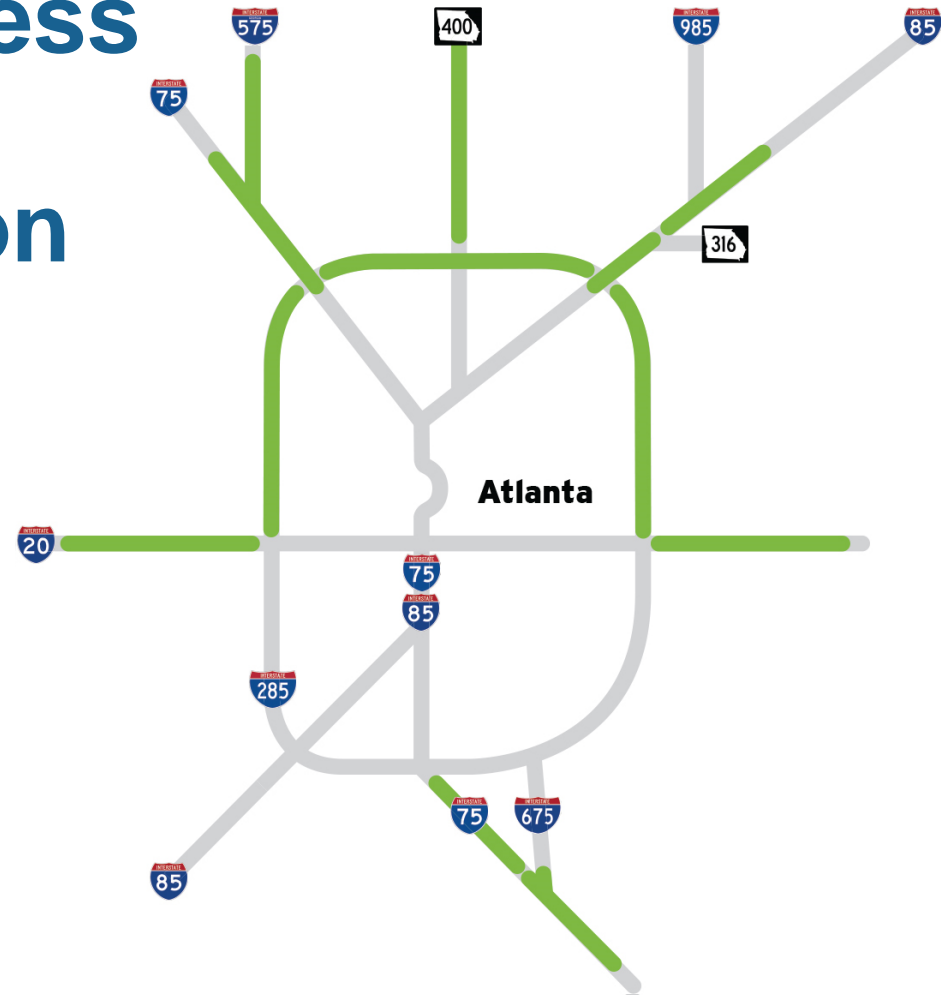
The Design-Build process compresses project schedules by overlapping activities in the design and construction phases.

# MMIP and the Georgia Express Lanes System

Improving Mobility through Optional Express Lanes



# The Georgia Express Lanes System: Network Expansion



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**A connected network** is planned for metro Atlanta, formed by projects currently open or under construction, MMIP and longer-range projects

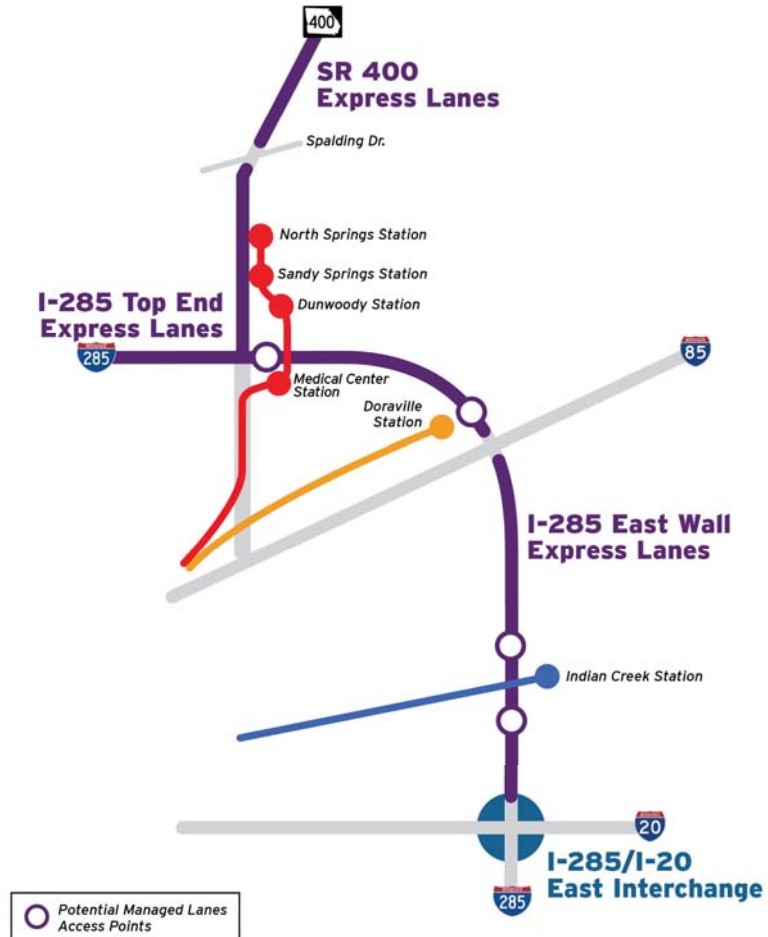


# Transit and Managed Lanes

Current Plans and Studies

# MMIP & MARTA Infrastructure

## MMIP/MARTA Coordination



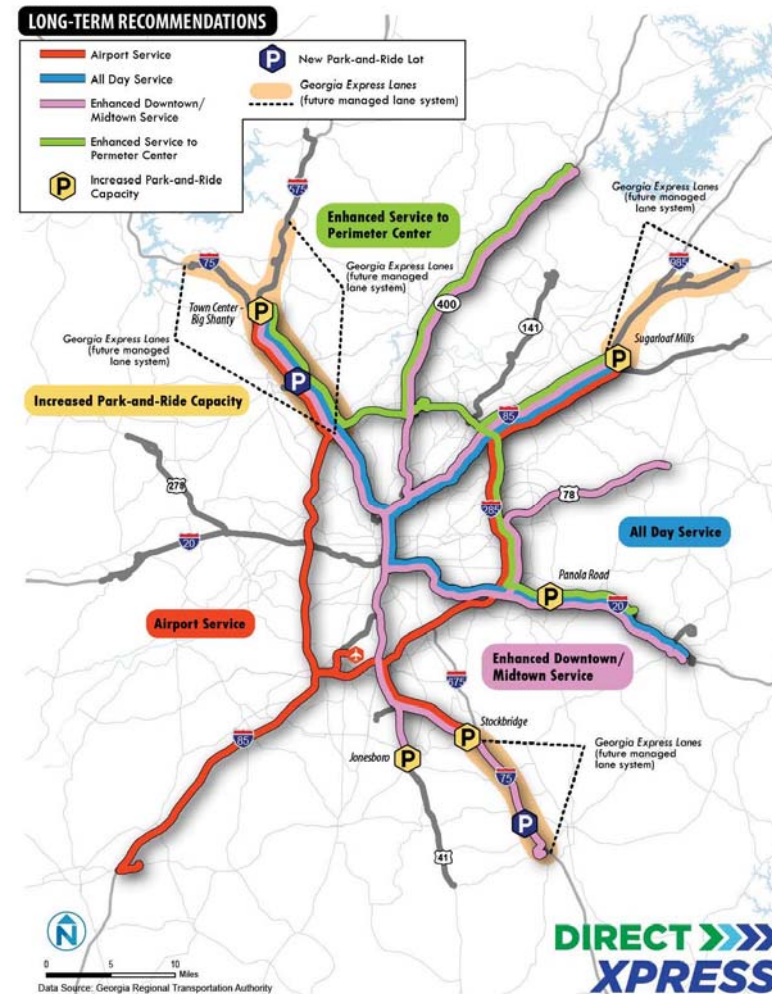
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# GRTA Horizons Plan

## Horizons 2 & 3 Service Plan

### Long-term Strategies:

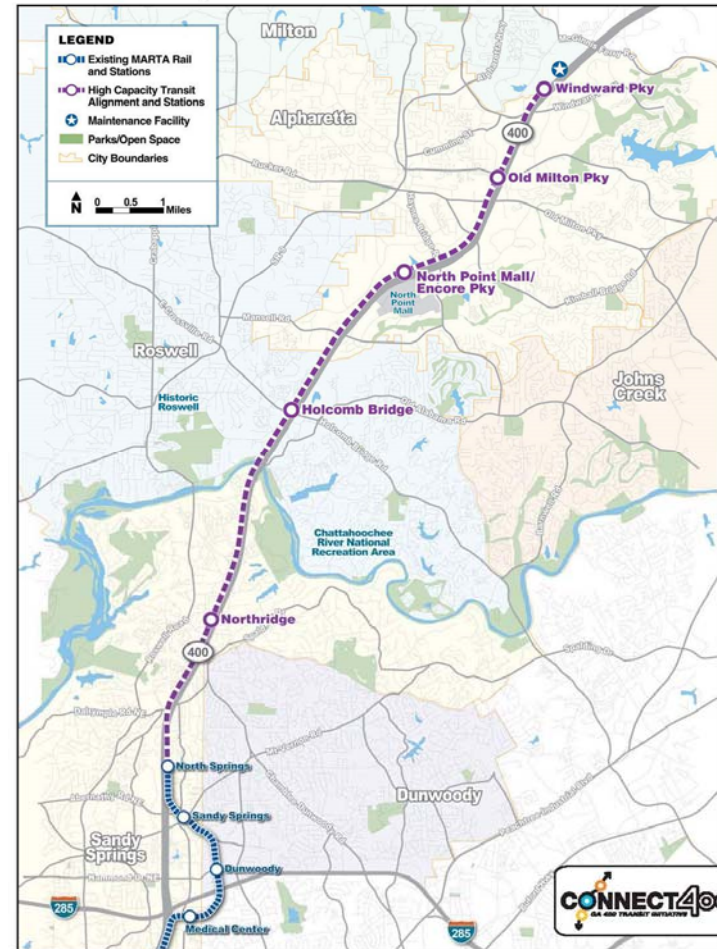
- Maximize people throughput on managed lanes
- Provide all-day service on key corridors
- Increase park-and-ride lot capacity



# SR 400 Transit

- MARTA Connect 400 Transit Initiative
- Potential heavy rail and/or Bus Rapid Transit (BRT) from North Springs Station to Windward Parkway
- Current Fulton County Transit Study

Locally Preferred Alternative for Heavy Rail Transit and Bus Rapid Transit



# Long-Term Recommendations

- Add new Direct *Xpress* coach service on managed lanes
- Utilize direct access ramps
- Expand park and ride facilities
- Increase frequency in key corridors

*\*GRTA Direct Xpress Horizons 2&3 Service Plan (2015)*



# Increase Service in Key Corridors



# I-285 Top End Express Lanes



# I-285 Top End Express Lanes

- Largest transportation project in Georgia's history
- Two new elevated, barrier-separated Express Lanes in both directions
- Outside the existing general purpose lanes
- Part of the larger Express Lanes system
- In environmental phase
- Project funding identified

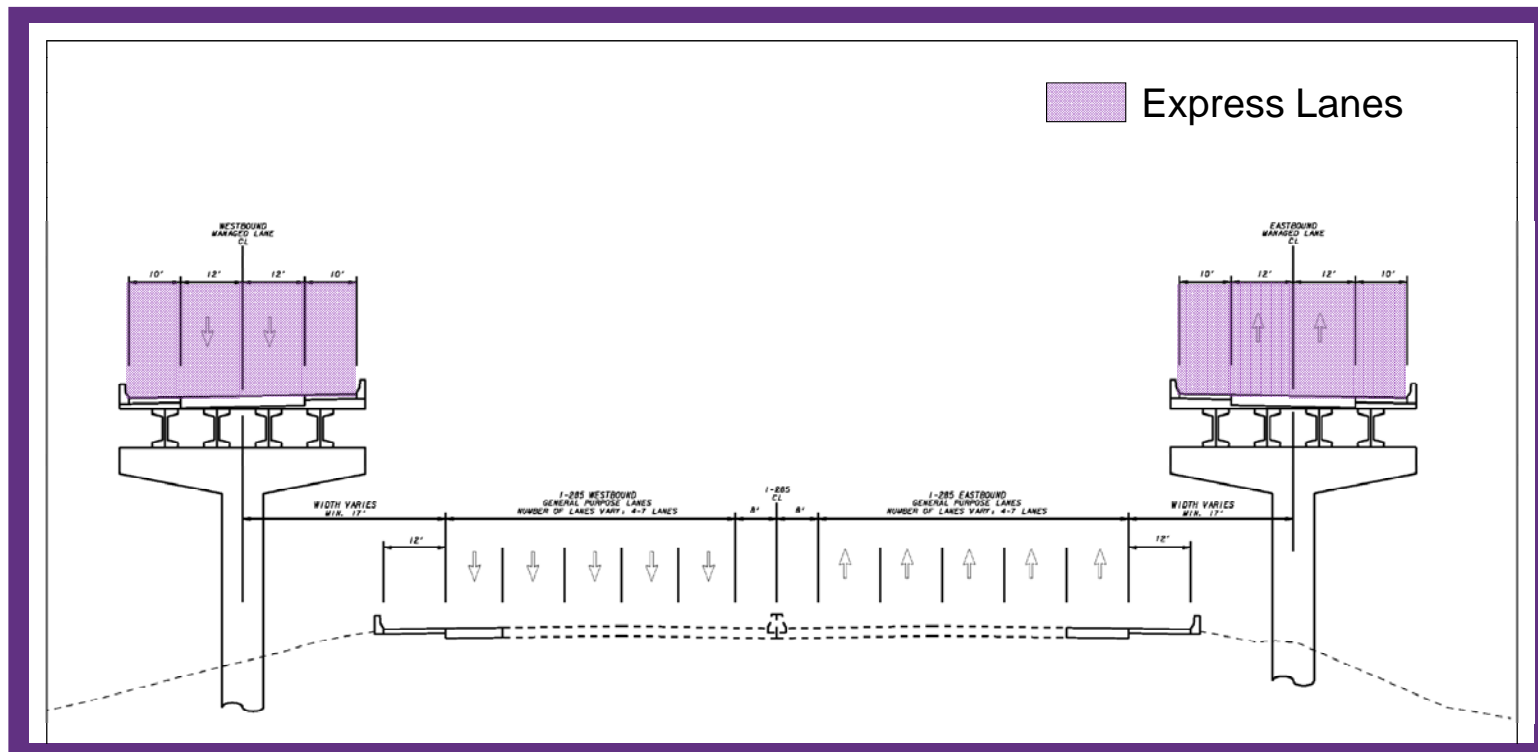


# I-285 Top End Next Steps

- GEC procurement
- Current operational study to define Express Lane access points
- Traffic modeling
- Opportunities for early right-of-way acquisitions
- Ongoing stakeholder communications
- Re-engage the public – Spring/Summer 2018
- Environmental Record of Decision – anticipated late 2021
- Final schedule to be determined

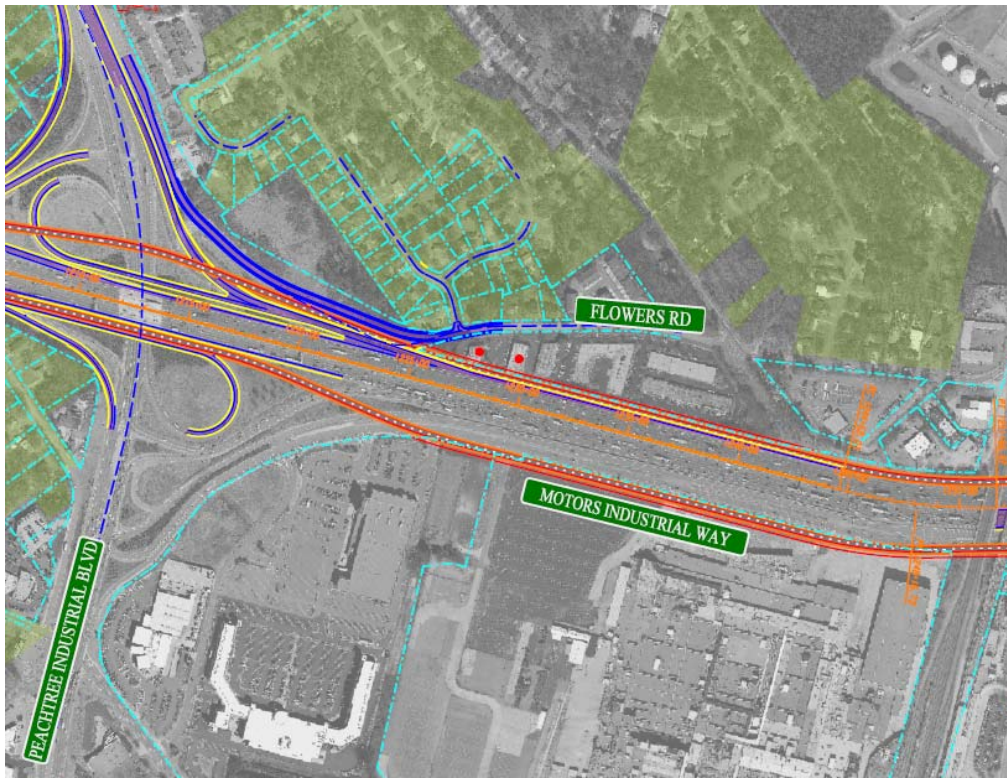
# I-285 Typical Roadway Section

-23-



*Illustrative design*

# I-285 Right-of-Way Coordination



- GARVEE Bonds sold
- Strategic Acquisition Plan
  - Advanced acquisition opportunities and strategies
- ROW GEC – anticipated early 2018

# I-285 Top End Express Lanes Schedule

I-285 TOP END	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PE/ENVIRONMENTAL												
DESIGN/BUILD PROCUREMENT												
RIGHT OF WAY												
FINAL DESIGN												
CONSTRUCTION												

*Schedule subject to change*

 Early ROW acquisition

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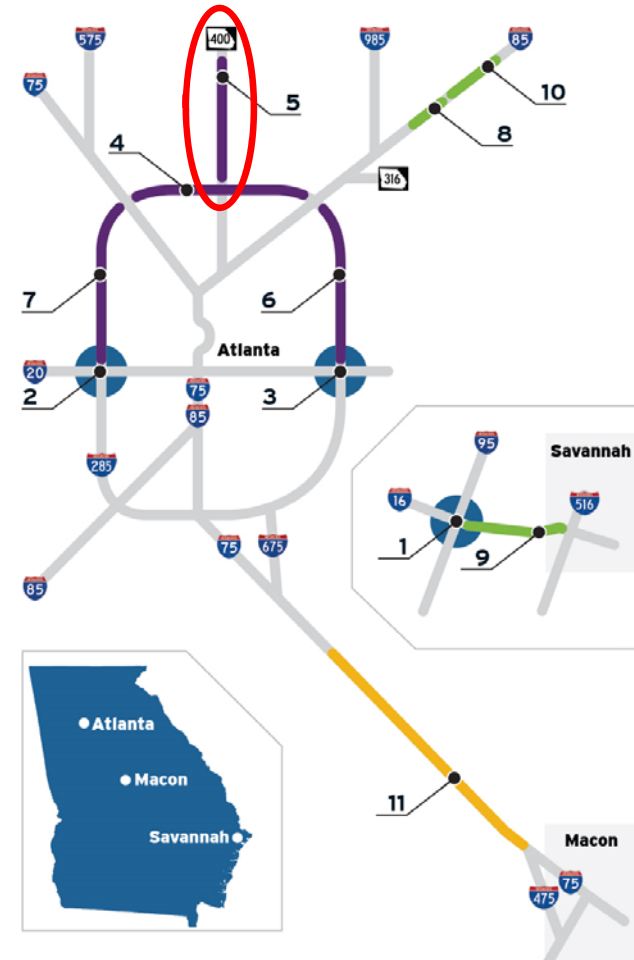


SR 400 Express Lanes



# SR 400 Express Lanes

- Two Express Lanes in each direction along SR 400 between I-285 and McGinnis Ferry Rd
- One Express Lane in each direction from McGinnis Ferry Road to McFarland Parkway
- General Engineering Consultant has been secured

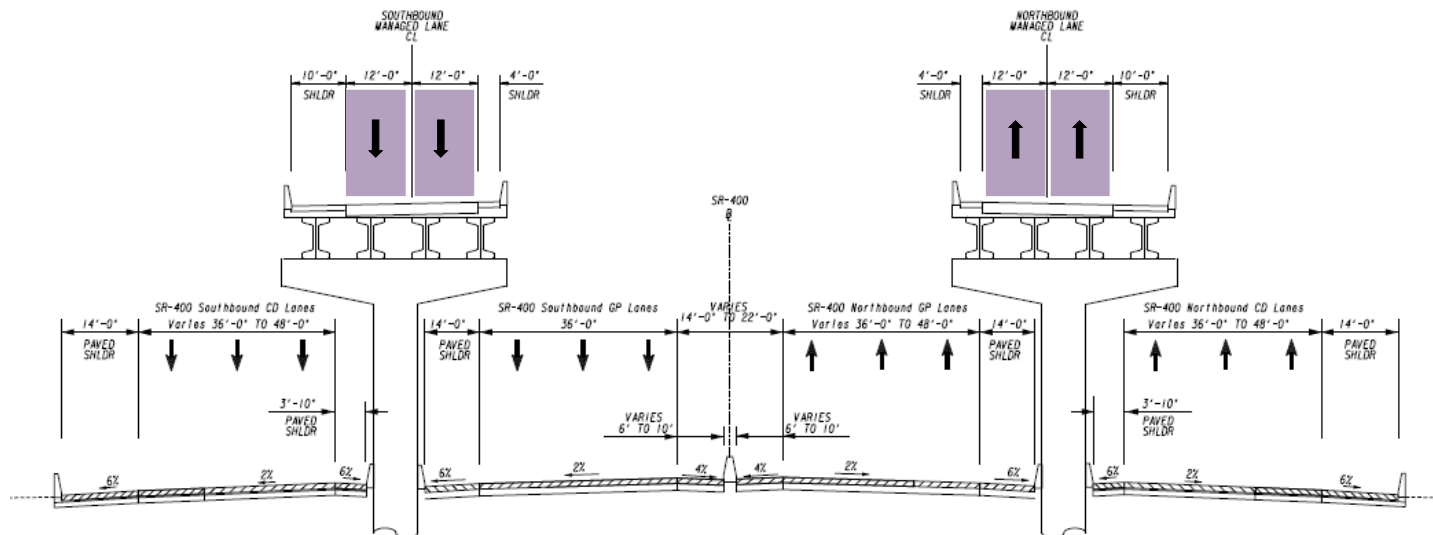


# SR 400 Express Lanes Activities

- Traffic analysis
- Access testing/validation
- Local/agency stakeholder coordination
- Environmental field work
  
- Next Steps
  - Environmental phase
  - Opportunity for early ROW acquisition

# SR 400 Express Lanes – Typical Roadway Section

- I-285 N to Spalding Drive
- Two Express Lanes in each direction (illustrative example)

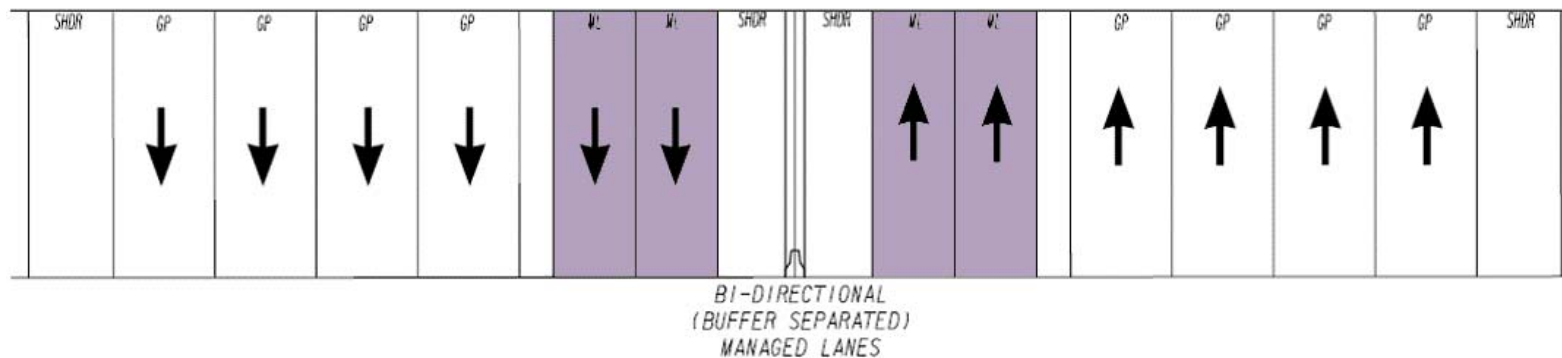


TYPICAL SECTION  
PROPOSED SR 400 AERIAL MANAGED LANES  
& SR 400 COLLECTOR DISTRIBUTOR SYSTEM

# SR 400 Express Lanes – Typical Roadway Section

- Spalding Drive to McGinnis Ferry Road
- Two Express Lanes in each direction (illustrative example)

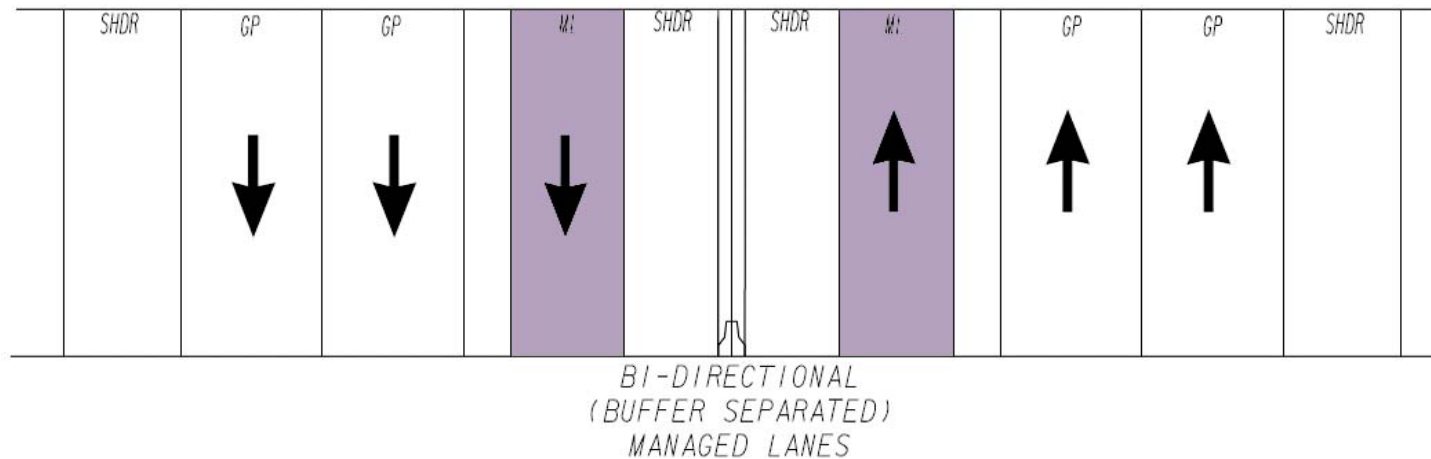
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# SR 400 Express Lanes – Typical Roadway Section

- McGinnis Ferry Road to McFarland Parkway
- One Express Lane in each direction (illustrative example)

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# SR 400 Express Lanes Schedule

SR 400	2017	2018	2019	2020	2021	2022	2023	2024
ENVIRONMENTAL								
DESIGN/BUILD PROCUREMENT								
RIGHT OF WAY								
FINAL DESIGN								
CONSTRUCTION								

*Schedule subject to change*

# MMIP Program Information



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



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# Questions?

