

# Georgia DOT Updates: MMIP and *Transform* 285/400

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# We Will Cover

- Major Mobility Investment Program (MMIP)
- Georgia Express Lanes System
- I-285 Top End Express Lanes
- SR 400 Express Lanes
- *Transform 285/400*

# Major Mobility Investment Program (MMIP)

Tim Matthews, P.E.

MMIP Program Manager



# MMIP: 11 Major Projects Now Underway

- 11 initial major mobility projects under contract in 10 years (by 2026)
- \$11 billion program
- Improve passenger and freight movement
- Use innovative delivery and public-private partnerships (P3) to accelerate projects

# 11 MMIP Projects



**3 Major  
Interchange  
Projects**



**4 Major Express  
Lanes Projects**

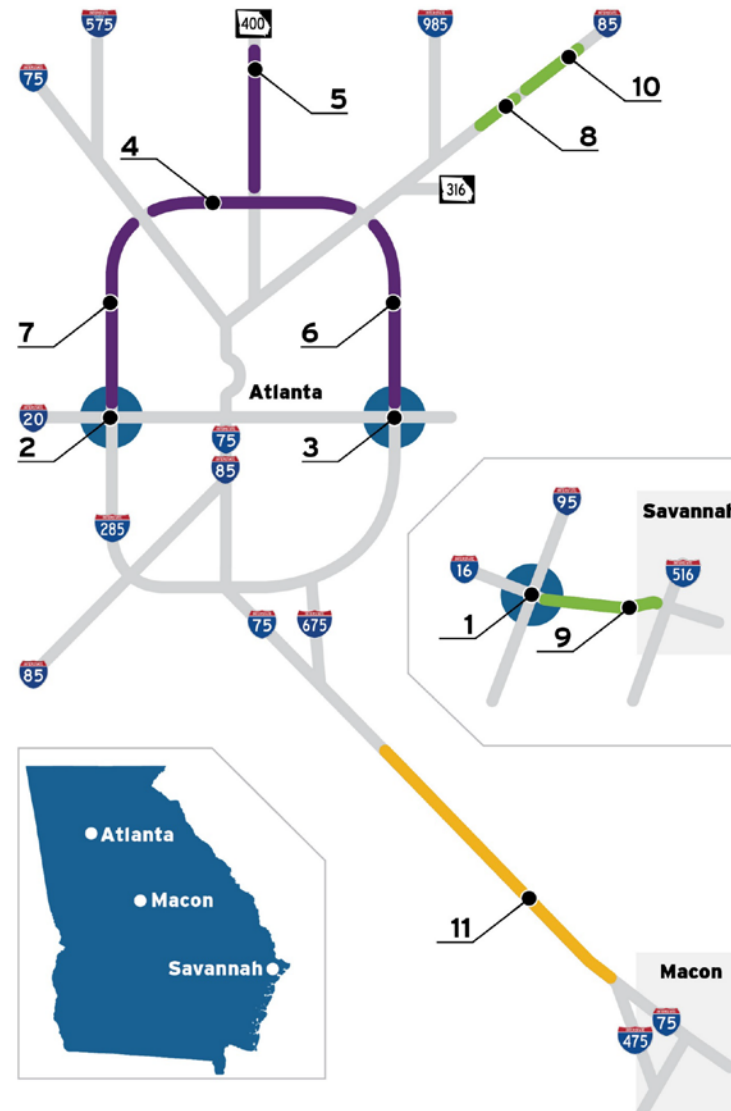


**3 Major Interstate  
Widening Projects**



**1 Commercial  
Vehicle Lanes  
Project**

# MMIP Projects



## Interchange Reconstruction:

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

## Express Lanes:

4. I-285 Top End  
I-75 to I-85
5. SR 400  
I-285 to McFarland Pkwy
6. I-285 Eastside  
I-85 to I-20
7. I-285 Westside  
I-20 to I-75

## Interstate Widening:

8. I-85 North  
Hamilton Mill Rd to SR 53
9. I-16  
I-95 to I-516
10. I-85 North  
SR 53 to US 129

## Commercial Vehicle Lanes:

11. I-75  
SR 155 to I-475

# MMIP Schedule

## Interchange Reconstruction:

**I-16/I-95**

**I-285/I-20 East**

**I-285/I-20 West**

## Express Lanes:

**I-285 Top End**

I-75 to I-85

**SR 400**

I-285 to McFarland Pkwy

**I-285 Eastside**

I-85 to I-20

**I-285 Westside**

I-20 to I-75

## Interstate Widening:

**I-85 North**

Hamilton Mill Rd. to SR 53

**I-16**

I-95 to I-516

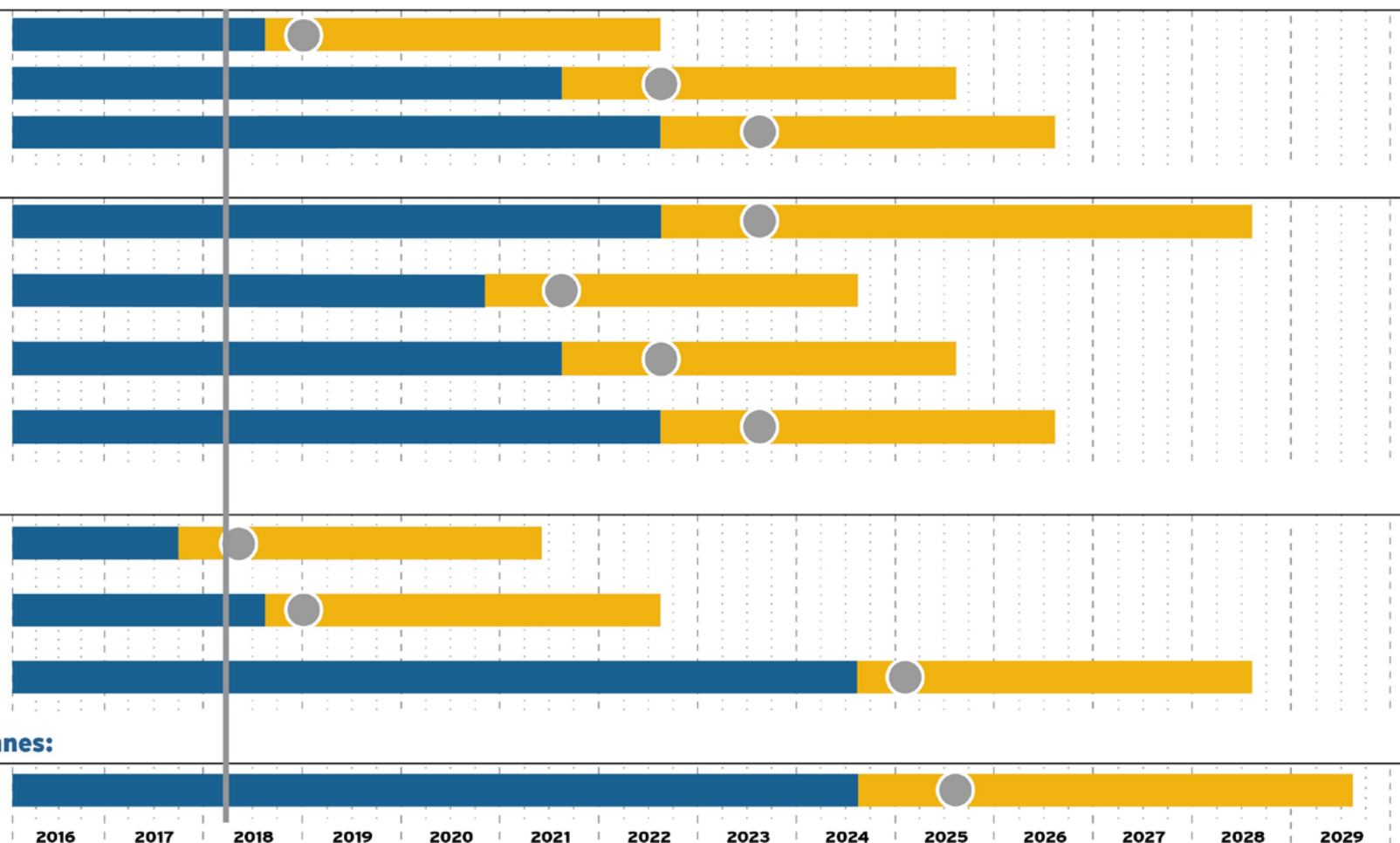
**I-85 North**

SR 53 to US 129

## Commercial Vehicle Lanes:

**I-75**

SR 155 to I-475



01/10/2018 | Dates represented are calendar years



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

# Procurements

## Professional Services

Project	P.I. Number	PNA Advertisement	Industry Forum	RFQ Advertisement	SOQ Due Date	Pre-Evaluation Kick-Off Meeting	Phase 1 Shortlist	Shortlist Notification & Request for Phase 2	Phase 2 Proposals Due	Evaluation Committee Meeting	Interview (if required)	Anticipated Award	Comments
SR 400 Express Lanes	0001757	3/24/2017 A	4/13/2017 A	4/21/2017 A	5/22/2017 A		5/26/2017 A	5/26/2017 A	6/14/2017 A	6/23/2017 A	6/26/2017 A	8/14/2017 A	Awarded to AECOM Technical Services, Inc.
I-285 Top End Express Lanes	0001758	9/8/2017 A	9/27/2017 A	10/27/2017 A	11/29/2017 A	12/11/2017 A	12/4/2017 A	12/4/2017 A	12/18/2017	1/4/2018	1/22/2018	2/13/2018	
ROW for Vendor Services for P3 Division, Innovative Delivery	0001758	10/2/2017 A	10/23/2017 A	11/3/2017 A					12/4/2017 A	January 2018		February 2018	

## Design-Build and P3

Project	P.I. Number	PNA Advertisement	Industry Forum	RFQ Advertisement	SOQ Due Date	Shortlist/ Selection of Finalists	Issue RFP	Date of Last Addendum	Proposal Due*	Anticipated Award	Comments
SR 400 Express Lanes	0001757	4/22/2019	5/17/2019	9/19/2019	12/13/2019	1/7/2020	1/28/2020	6/29/2020	8/4/2020 / 8/25/2020	12/26/2020	
I-285 Top End Express Lanes	0001758	9/24/2020	10/21/2020	2/24/2021	5/18/2021	7/1/2021	7/2/2021	12/7/2021	1/13/2022 / 2/3/2022	6/6/2022	



# Local Government and Transit Coordination

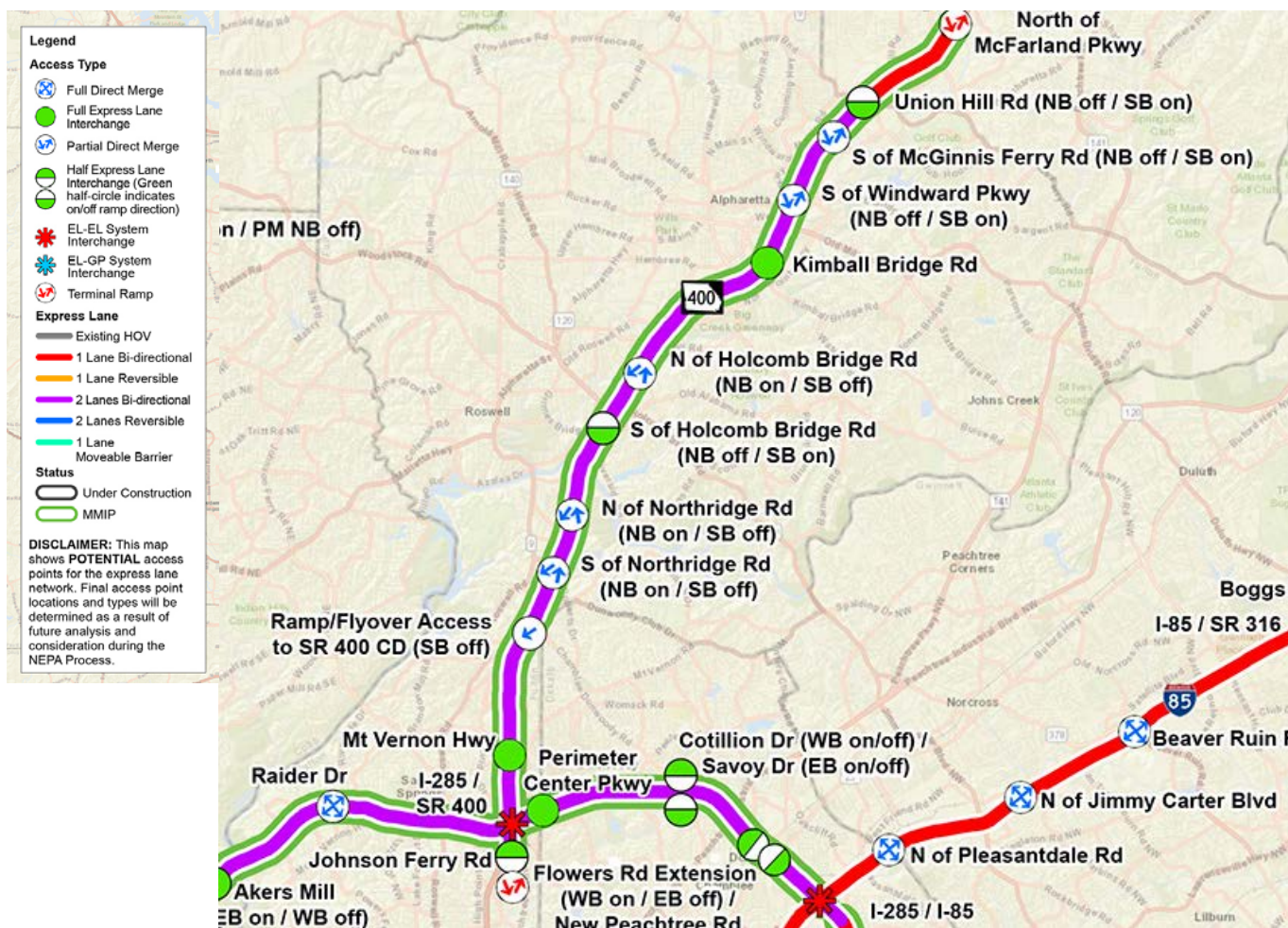
- Project plans do not preclude transit
- Coordination with MARTA on options for Bus Rapid Transit (BRT) and inline bus stations







# Baseline Access Assumptions Near Sandy Springs



# I-285 Top End Express Lanes



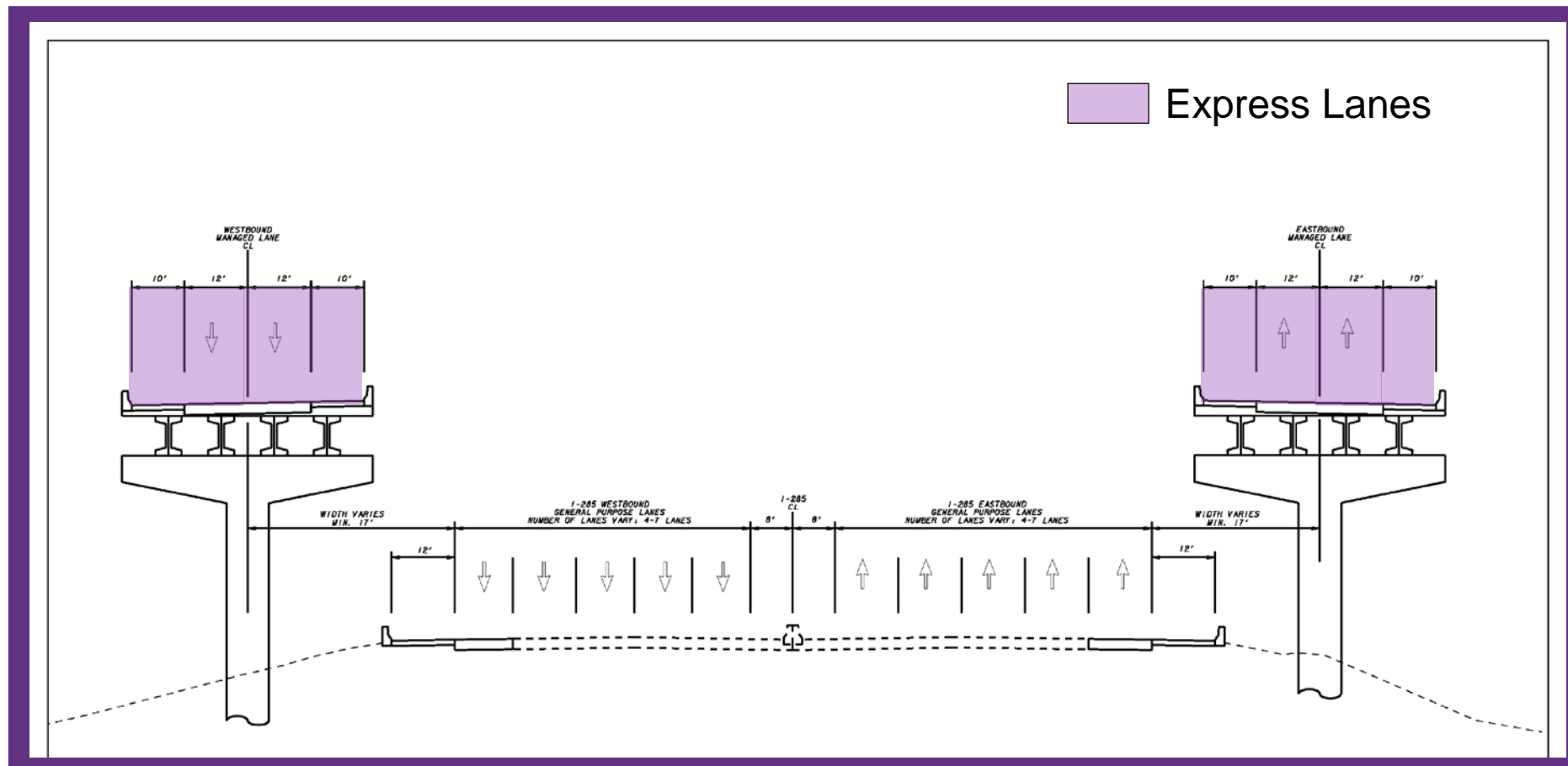


# I-285 Top End Express Lanes

- Two new barrier-separated express lanes in both directions – mostly elevated
- Project limits may be adjusted
- Lanes located outside the existing general purpose lanes
- Part of the larger Georgia Express Lanes system
- Conceptual/Environmental phase
- Project funding identified



# I-285 Typical Roadway Section

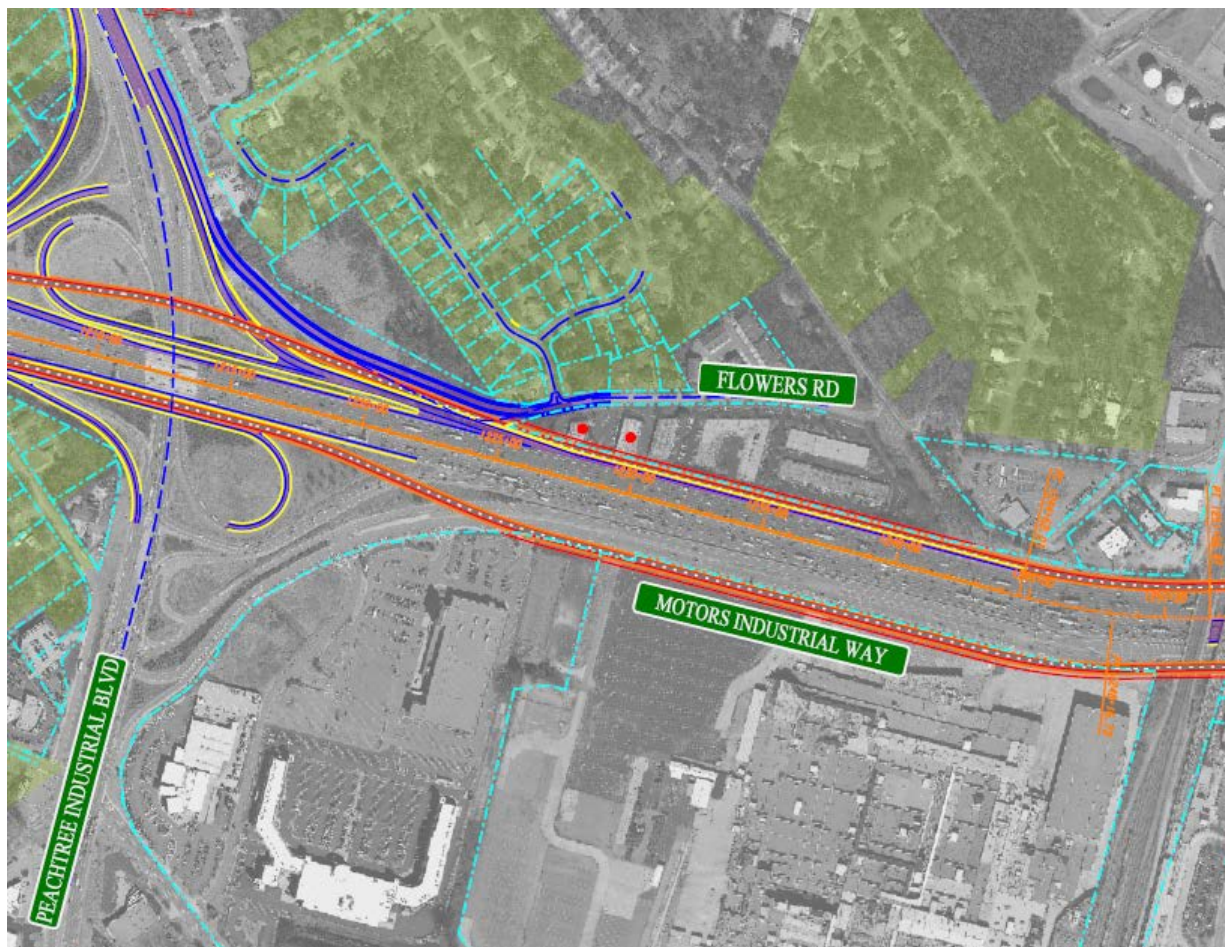


*Illustrative design*

# 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
- Environmental Record of Decision – anticipated late 2021
- Final schedule to be determined

# I-285 Top End Right-of-Way Coordination



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



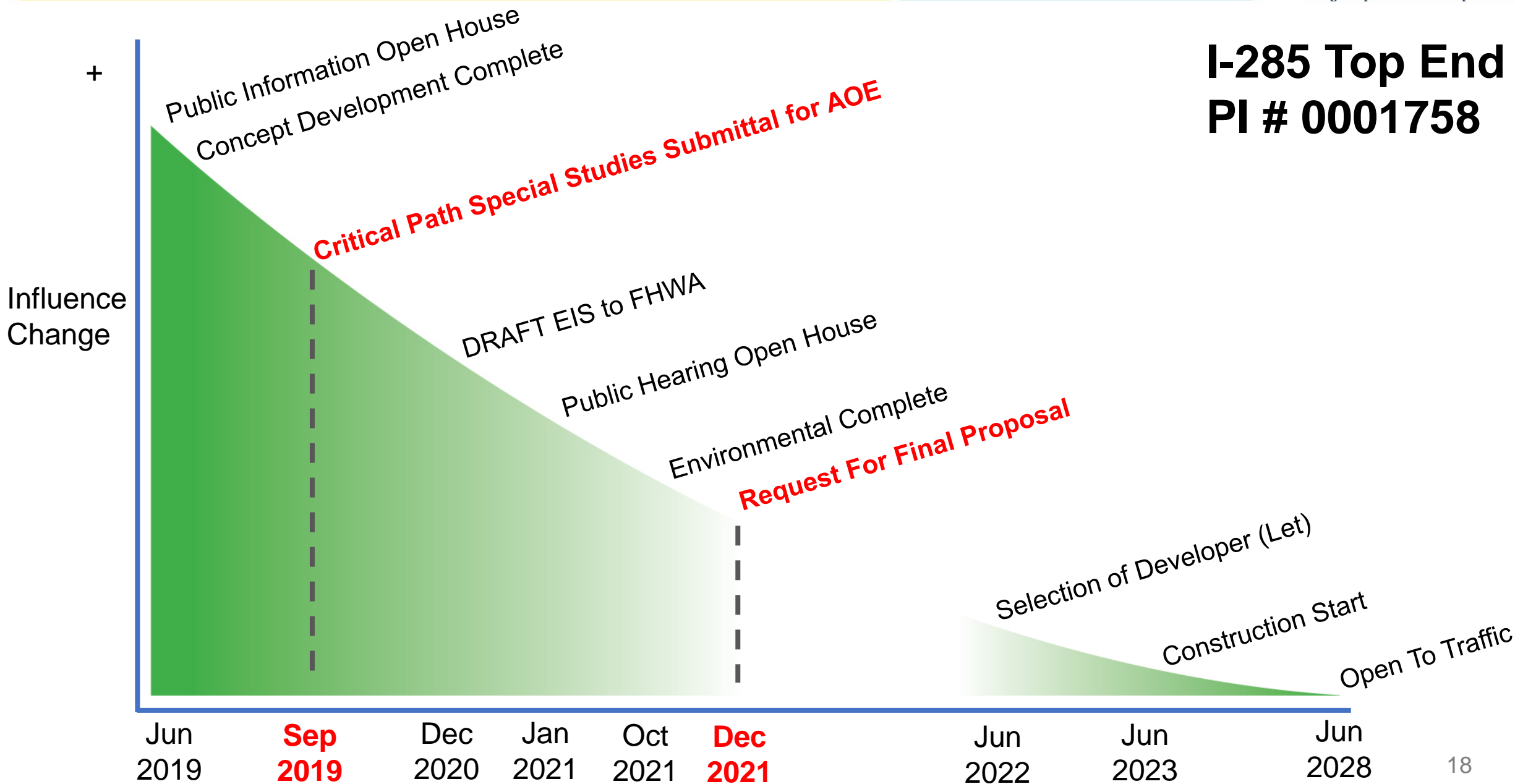
# I-285 Top End Express Lanes Schedule

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

# I-285 Top End PI # 0001758



# SR 400 Express Lanes



# SR 400 Express Lanes

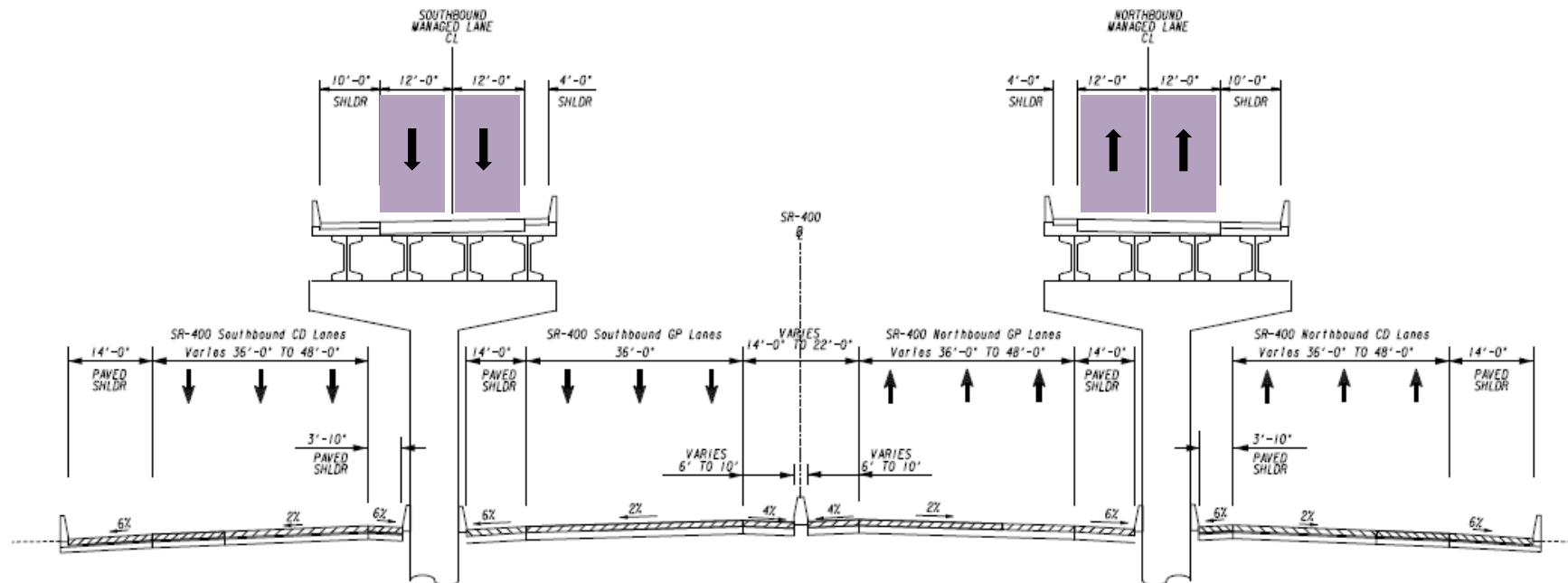
- Two express lanes in each direction along SR 400 between I-285 and McGinnis Ferry Rd
- One express lane in each direction from McGinnis Ferry Road to McFarland Parkway
- **Project limits may adjust**
- General Engineering Consultant (GEC) is under contract





# SR 400 Express Lanes – Typical Roadway Section

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

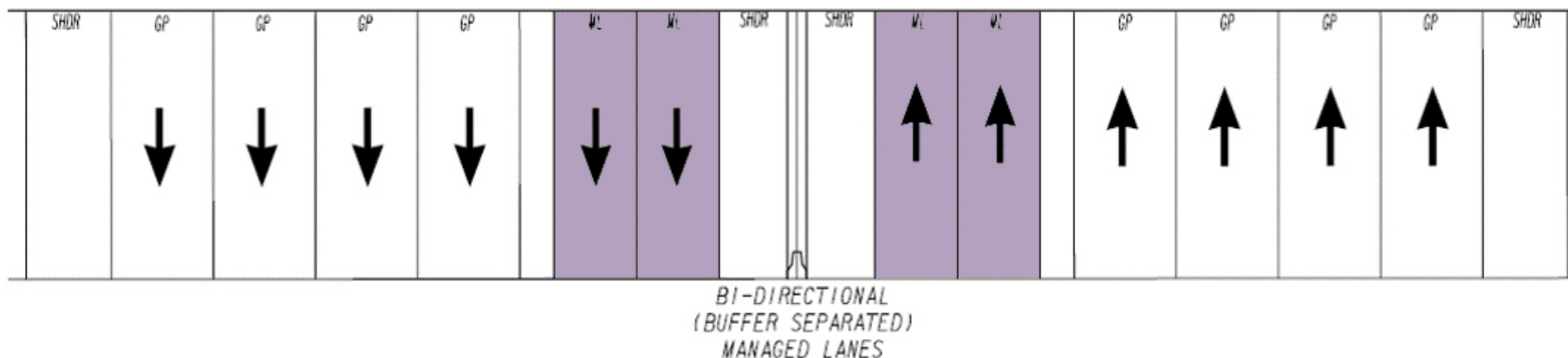


TYPICAL SECTION

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

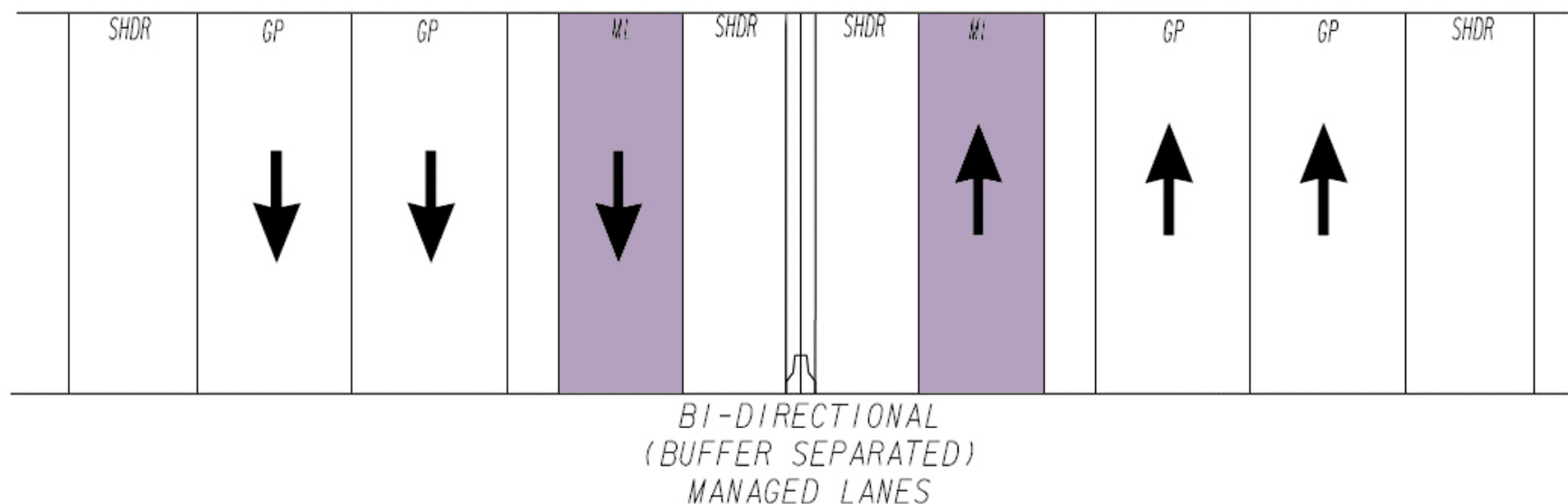
# SR 400 Express Lanes – Typical Roadway Section

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



# SR 400 Express Lanes – Typical Roadway Section

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



# SR 400 Express Lanes Activities

- Current Activities

- **Survey control complete**
- Operational study to define express lane access points
- Traffic analysis
- Access testing/validation
- Local/agency stakeholder coordination
- Environmental field work

- Next Steps

- Environmental phase
- Future traffic volume forecasting
- Future conditions operational analysis
- Opportunity for early ROW acquisition

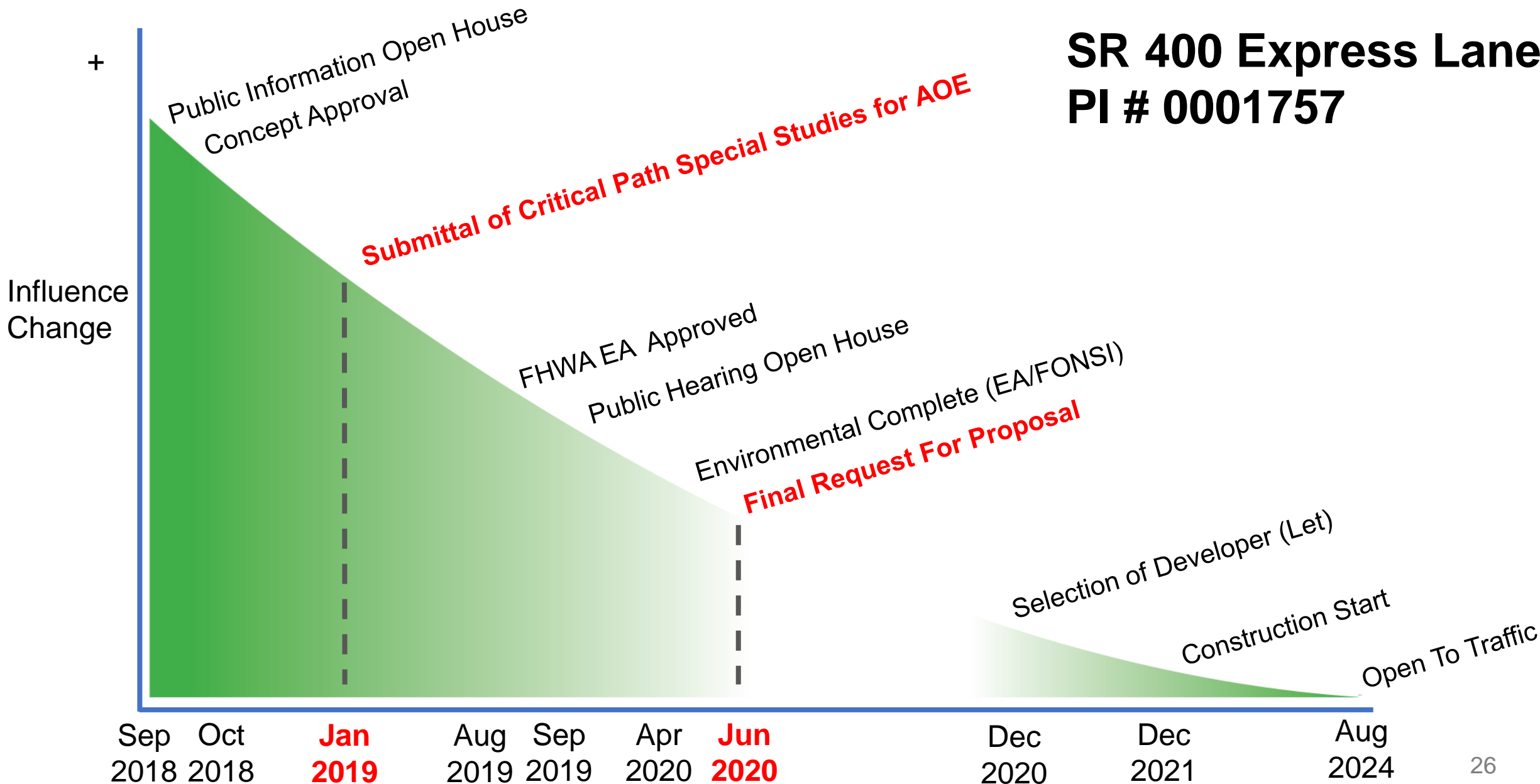


# SR 400 Express Lanes Schedule

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

*Schedule subject to change*

# SR 400 Express Lanes PI # 0001757



# Transform 285/400

Jill Goldberg, External Affairs Manager

# Project Overview

## Two projects combined

- I-285/SR 400 Interchange
- SR 400 Collector-Distributor (CD) Lanes

## Project Limits

- SR 400: North of Spalding Drive to the Glenridge Connector
- I-285: Long Island Drive to east of Ashford Dunwoody Road

## Faster project completion through innovative project delivery methods

- Design-Build-Finance (DBF)
- Public-Private Partnership (P3)

**Total estimated project cost - \$800M**





# I-285/SR 400 Interchange

Existing

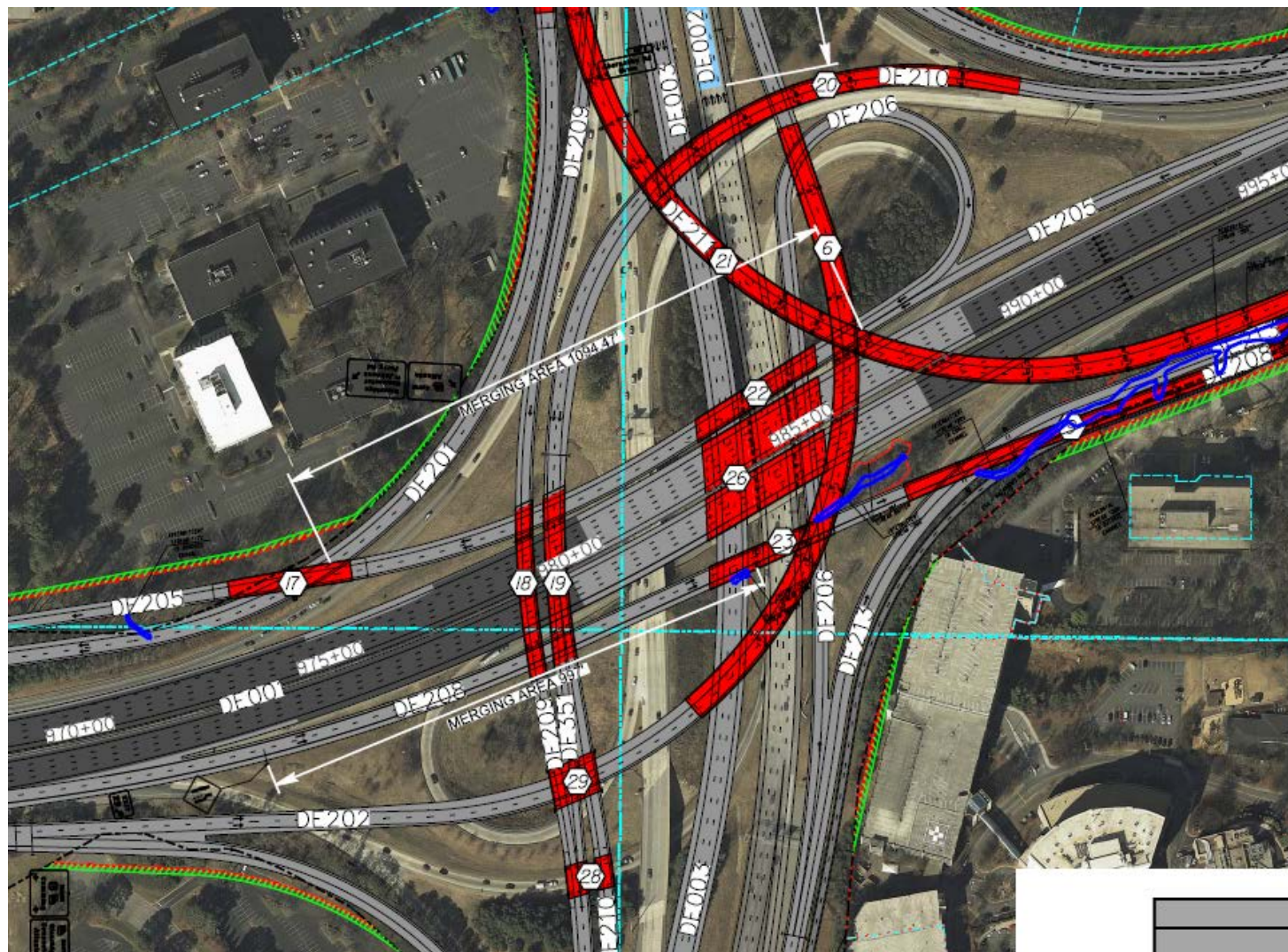


Cost Proposal





# I-285/SR 400 Interchange – Alternate A

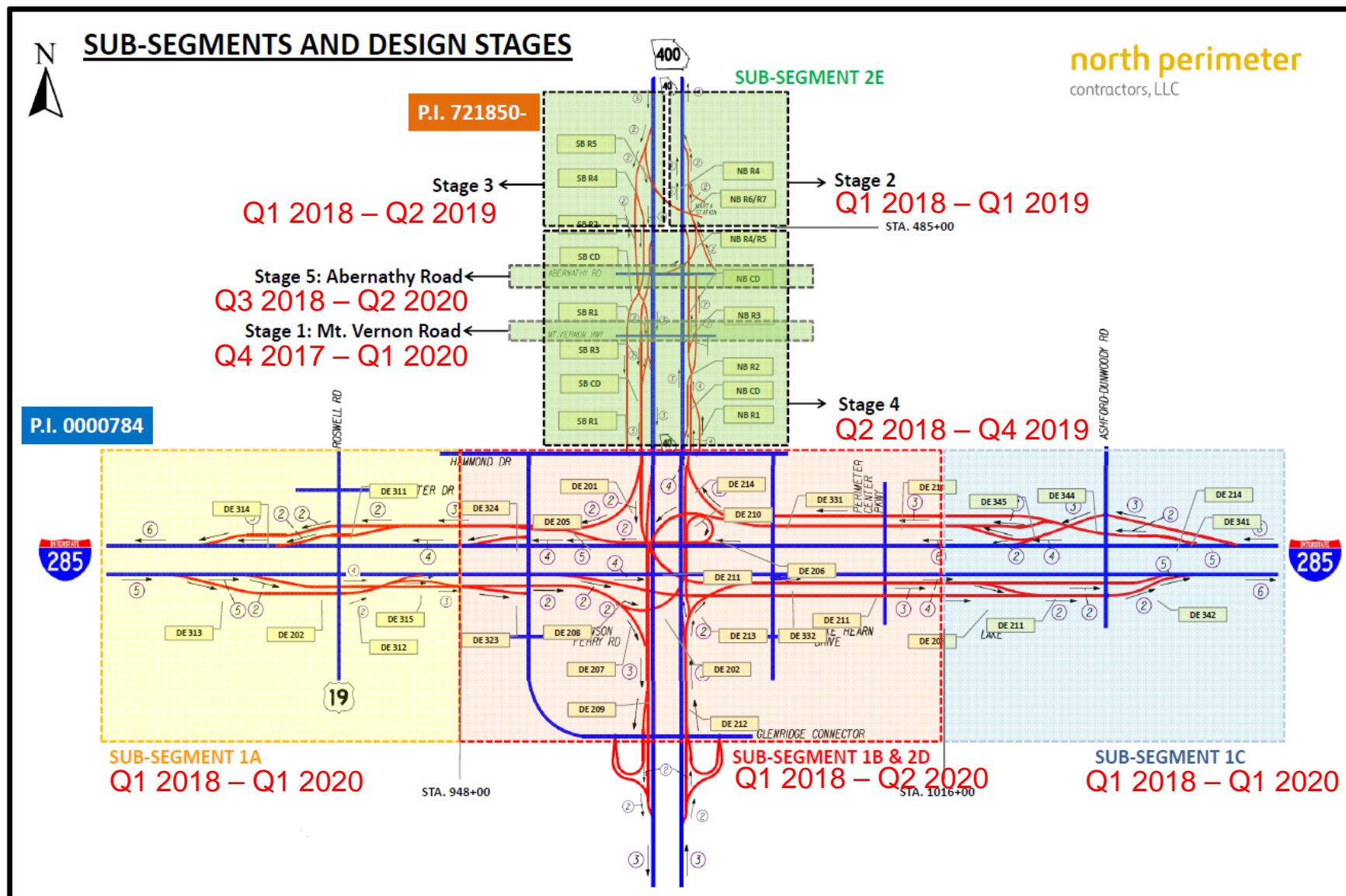


# Project Schedule

	2016	2017	2018												2019	2020
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
EXECUTE CONTRACT																
DESIGN (NTP 1)																
GROUNDBREAKING																
CONSTRUCTION (NTP 2)																
SR 400 CD LANES																
I-285 CD LANES																
GLENRIDGE DR BRIDGE CONSTRUCTION																
PEACHTREE DUNWOODY RD BRIDGE CONSTRUCTION																
SHARED-USE PATH CONSTRUCTION																
CONSTRUCTION COMPLETE																



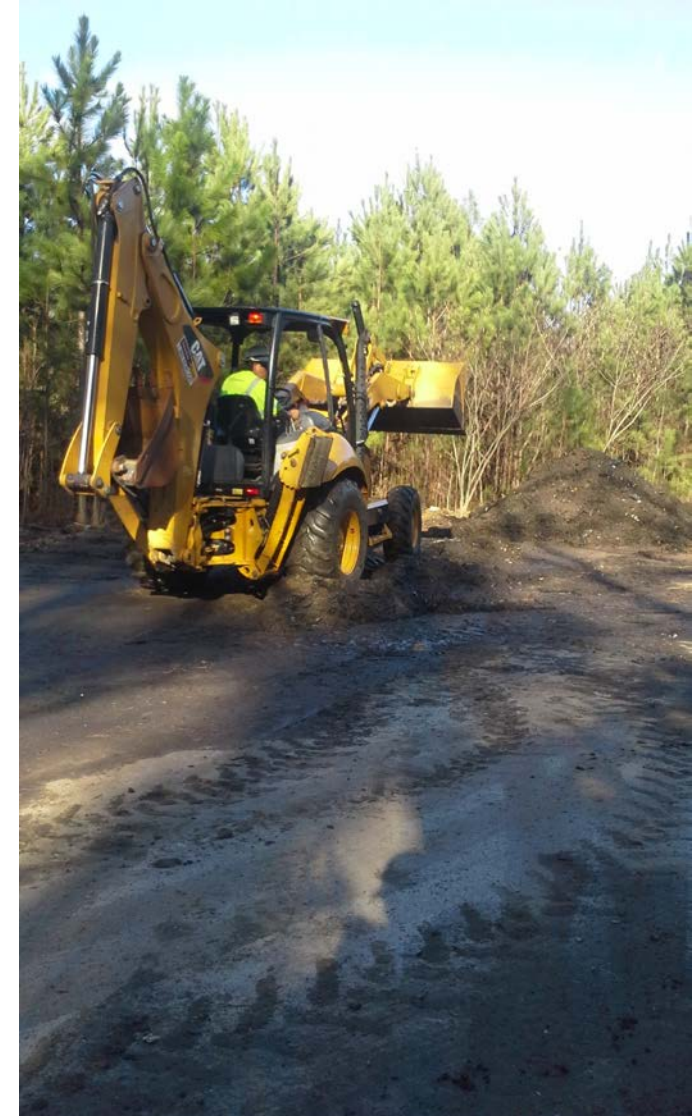
# Future Construction Stages





# Upcoming & Ongoing Work

- Permanent SR 400 Flex Lane closure
- Detour at Mount Vernon and Barfield Road for AT&T relocation
- Construction of the collector-distributor lanes on SR 400 and I-285
- Abernathy Road Diverging Diamond Interchange (DDI)

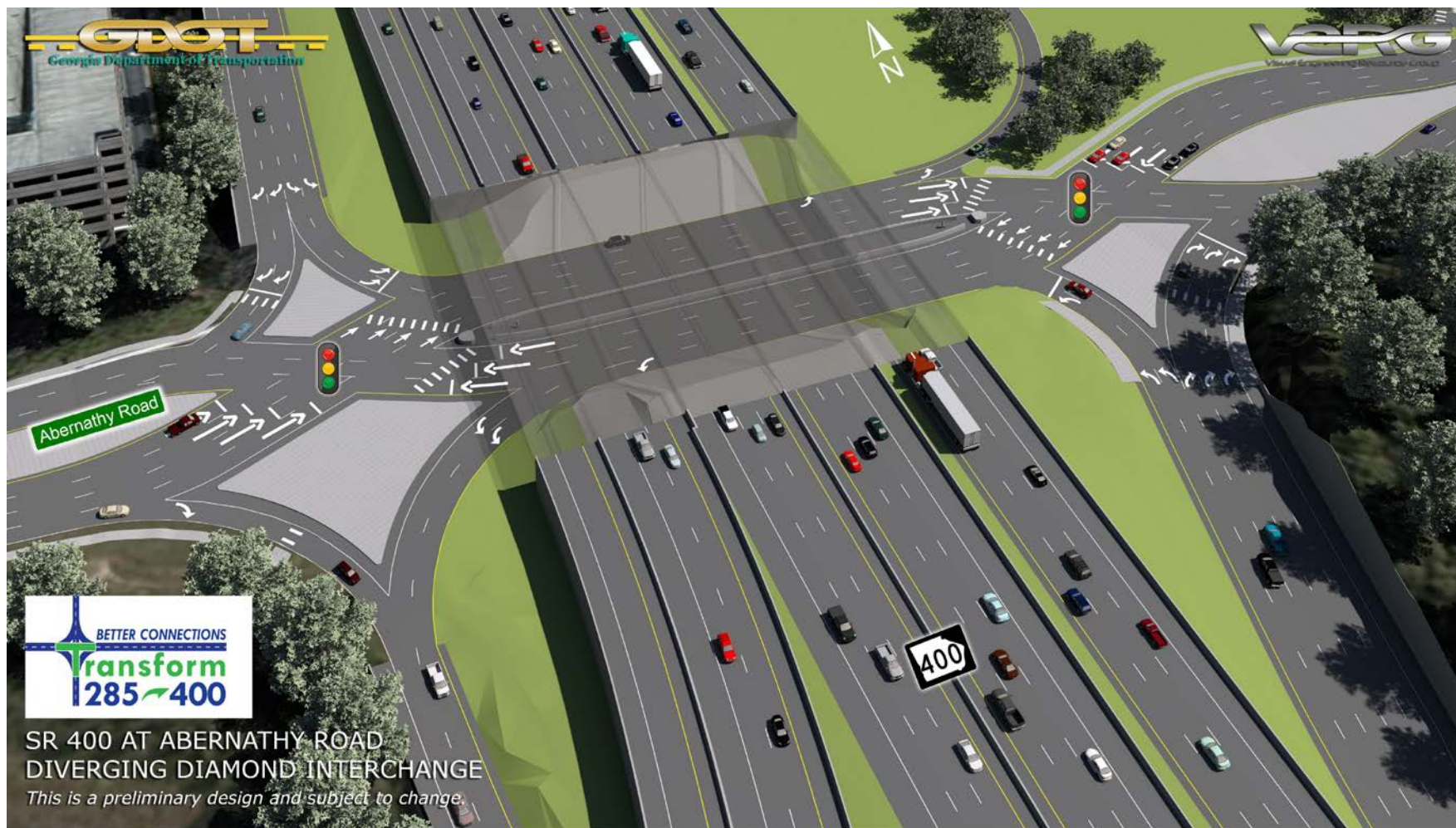


# Mount Vernon Highway Bridge Reconstruction

- New 4-lane bridge will be built
- Periodic daytime and night time closures of lanes and shoulders on Mt. Vernon and SR 400
- Pedestrian access will be maintained
- Construction crews will work behind concrete barriers

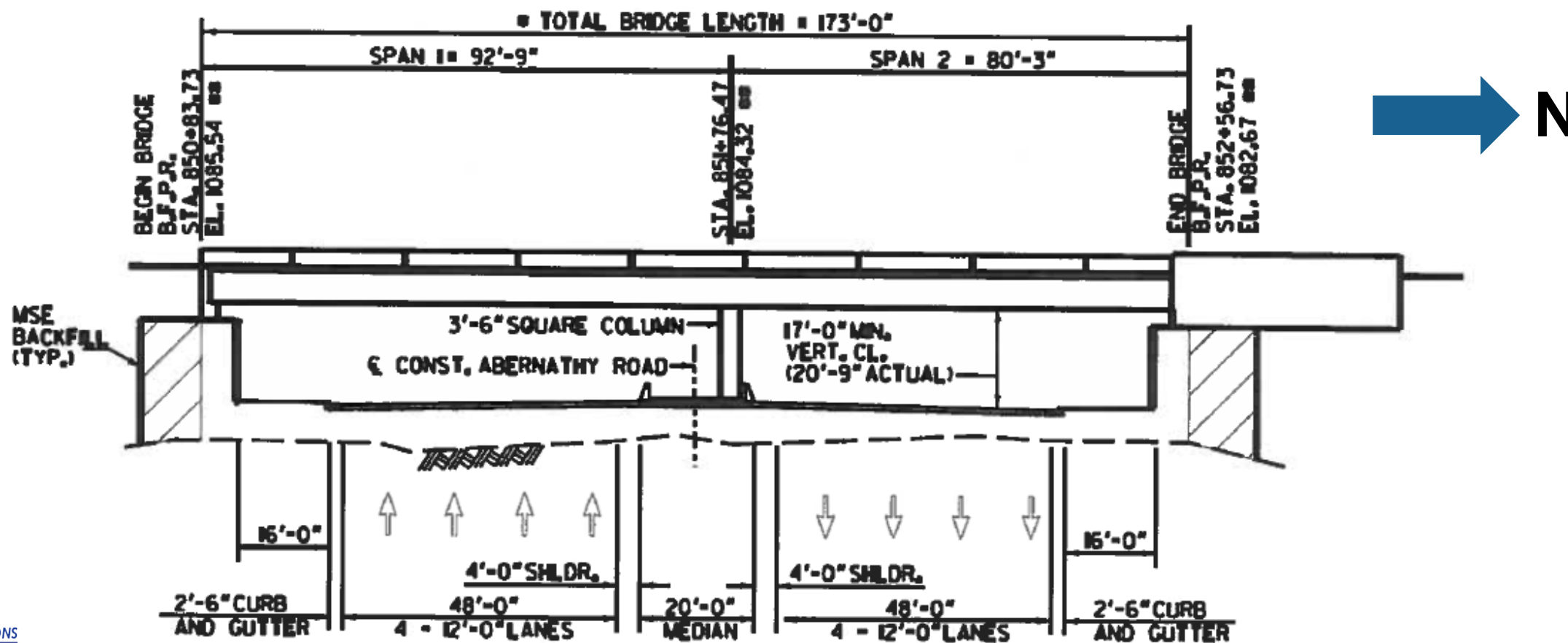


# Abernathy Road Diverging Diamond Interchange (DDI)





# Abernathy Road Cross Section

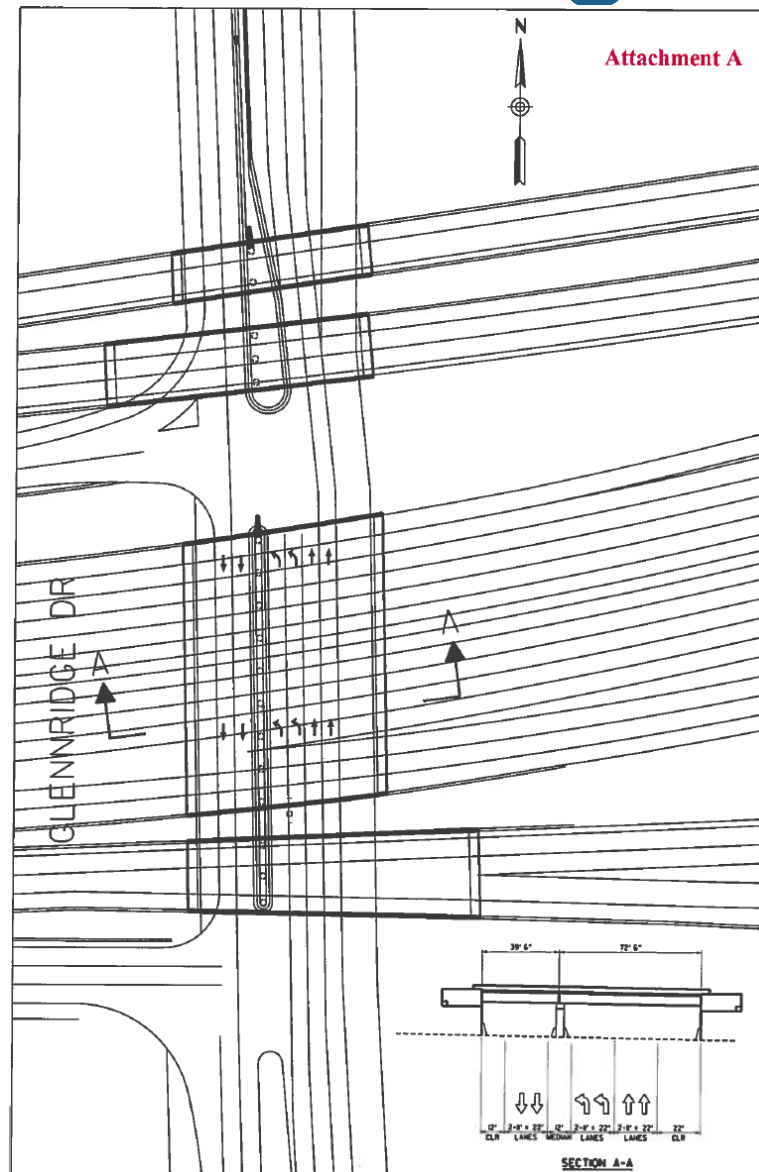




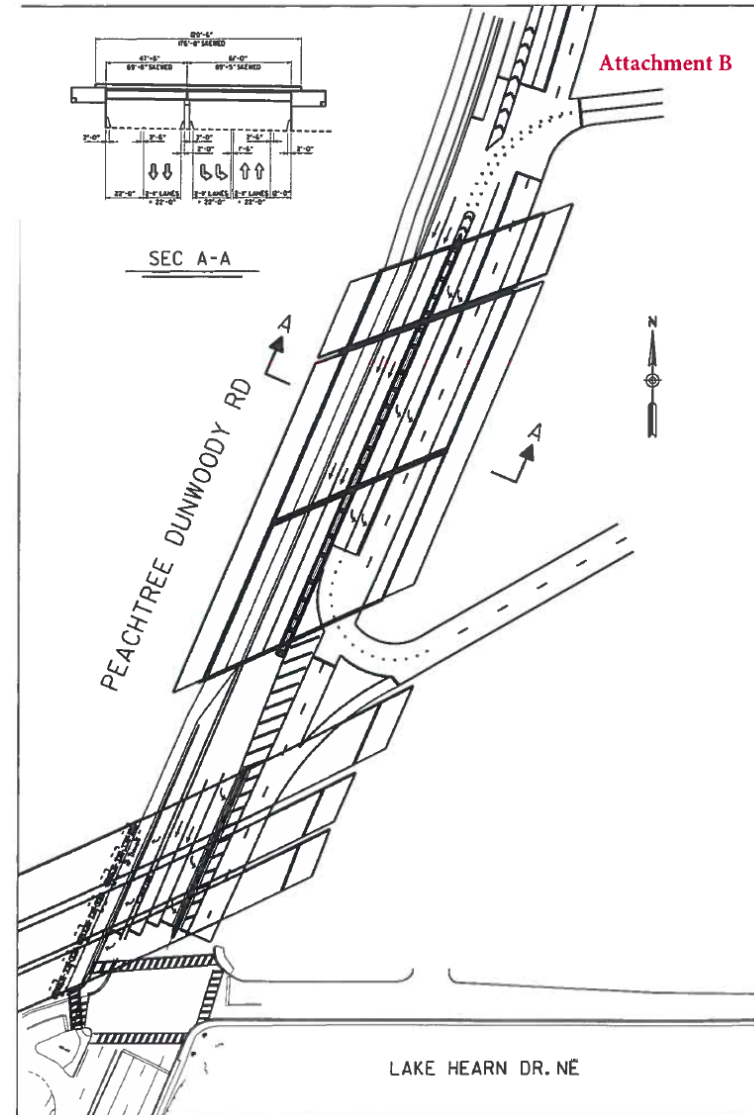
# Glenridge Drive and Peachtree Dunwoody Road Bridges

- City provided \$2.25M earmark for Glenridge improvements
- Georgia DOT approved change in December 2017
- Construction in late-2019

# Glenridge Drive Bridge



# Peachtree Dunwoody Road Bridge



# Sound Barriers

- Light gull grey color, ashlar stone finish
- 2018 construction
  - Glenridge Drive to Roswell Road
  - Spalding Drive
- Existing barriers will remain until construction begins in respective areas





# Shared-Use Path

- 12' paved surface with 2' unobstructed shoulders (grass) on either side
- Final design stages
- Construction to begin in Q2 2020

I-285 at SR400  
Interchange Reconstruction  
PI 0000784

Artistic Cross Section of Shared Use Path  
North of Johnson Ferry Road



# Questions?