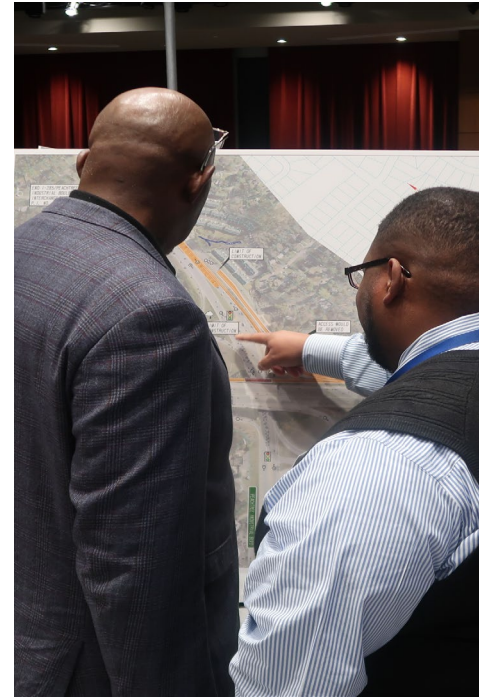




SR 400 Express Lanes and I-285 Top End Express Lanes

Tim Matthews, P.E.
MMIP Program Manager

July 8, 2020




Major Mobility Investment Program (MMIP)




Major Mobility Investment Program (MMIP)



Major Interchange Projects

 I-16/I-95

I-285/I-20 West

 I-285/I-20 East



Major Express Lanes Projects

I-285 Eastside

I-285 Top End

(Two Construction Packages)

I-285 Westside

 SR 400



Major Interstate Widening Projects

 I-85 Phase 1

 I-85 Phase 2

 I-16



Commercial Vehicle Lanes Project

I-75



I-285 Advanced Improvement Projects

I-285 Westbound
Ramp Extension

I-285/Peachtree Industrial
Boulevard Interchange
Improvements

I-285 Westside Railroad
Crossings Bridge
Widenings

I-285 Westside
Bridge Replacements

I-285 Eastside
Bridge Replacements

I-285 Westbound
Auxiliary Lane Extension

 **In Procurement**

 **Under Construction**

 **Contract Awarded**

MMIP Project Costs and Anticipated Delivery Methods

Design-Build-Finance-Maintain

SR 400 Express Lanes
Q4 2019

I-285 Top End East Express Lanes
Q4 2020

I-75 Commercial Vehicle Lanes
Q4 2021

I-285 Top End West Express Lanes
Q4 2023

Cost Range (Per Project)

\$1B-\$2.6B

Design-Build-Finance

I-285/I-20 East Interchange
Q2 2020

I-285/I-20 West Interchange
Q1 2021

I-285 Eastside Express Lanes
Q4 2021

I-285 Westside Express Lanes
Q4 2023

\$350M-\$700M

Design-Build

I-85 Widening Phase 1
Procurement Complete

I-16@I-95 Improvement Projects
Procurement Complete

I-85 Widening Phase 2
Procurement Complete

I-285 Advanced Improvement Projects
Q2 2020-Q4 2021

\$15M-\$300M

- Red text indicates procurement start
- Dates shown in calendar years
- Delivery models are subject to change

MMIP Progress



Major Mobility Investment Program Announced

Largest transportation investment in state history

2016



One Federal Decision Process

I-285 Top End Express Lanes

INFRA Grant Awarded

SR 400 Express Lanes

Agency Coordination

- MARTA
- SRTA
- FHWA

2018



Robust Industry Engagement

- Industry forums
- Speaking engagements
- One-on-ones

Advancing Environmental Process

- Over 300 stakeholder meetings
- Establishing environmental commitments

2019



Construction Begins in Savannah

16@95 Improvement Projects

Major Procurements

Many projects beginning process to bring on developers

2020



First MMIP project broke ground
I-85 Widening, Phase 1



Advancing Projects Early on I-285
Provides local road improvements sooner and more opportunities for industry involvement

2020: A Year of Firsts



First
Virtual
industry
forum



First
MMIP project
open to traffic

First
Virtual
letting



First
DBFM project in
procurement



First
Virtual
PHOH

Express Lanes Transit (ELT)



Express Lanes Transit (ELT)



Georgia Express Lanes offer transit options that don't currently exist



ELT is an extension of existing transit services



Transit providers and state-registered vanpools can use express lanes free of charge



Offers more time and attention for other activities while not driving



Reduces vehicle emissions and improves air quality due to less congestion and improved travel times



Provides reliable and often faster travel times

NWC Express Lanes Transit Success



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



3% Average Increase in *Xpress* boardings



15 Minutes
Xpress schedules had to shift due to early bus arrivals



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



Travel **speeds are 20% faster** in the express lanes than in the general purpose lanes

SR 400 Express Lanes



SR 400 Express Lanes

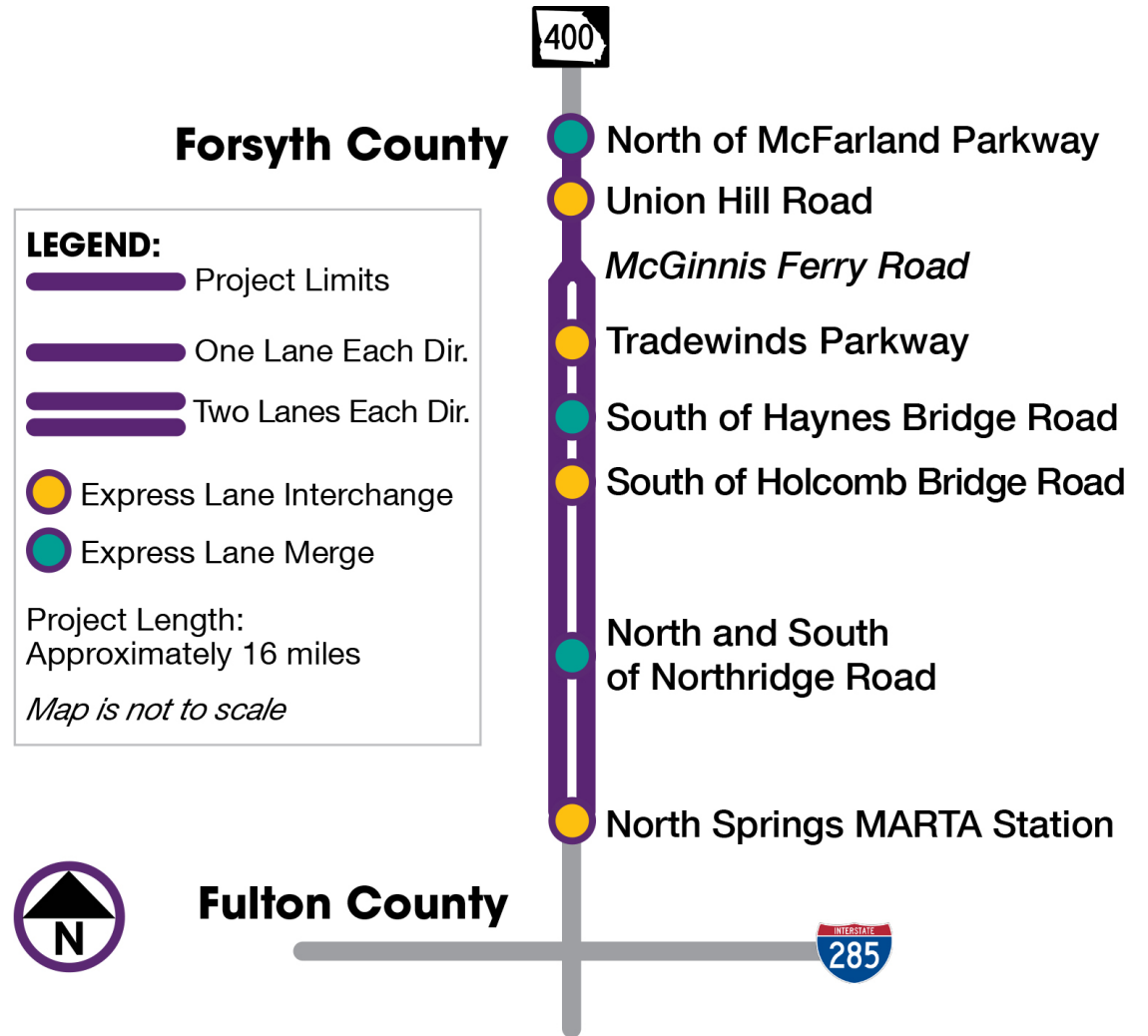
- Project limits between the North Springs MARTA Station and McFarland Parkway
- Constructing initial Express Lanes Transit (ELT) infrastructure (in-line stations will be built by MARTA)
- Developer procurement underway
 - GDOT issued RFQ: February 2020
- **Virtual Public Hearing Open House (PHOH) in August 2020**



Construction Start **2022**



Substantial Completion **2027**



Express Lanes Transit (ELT) on SR 400



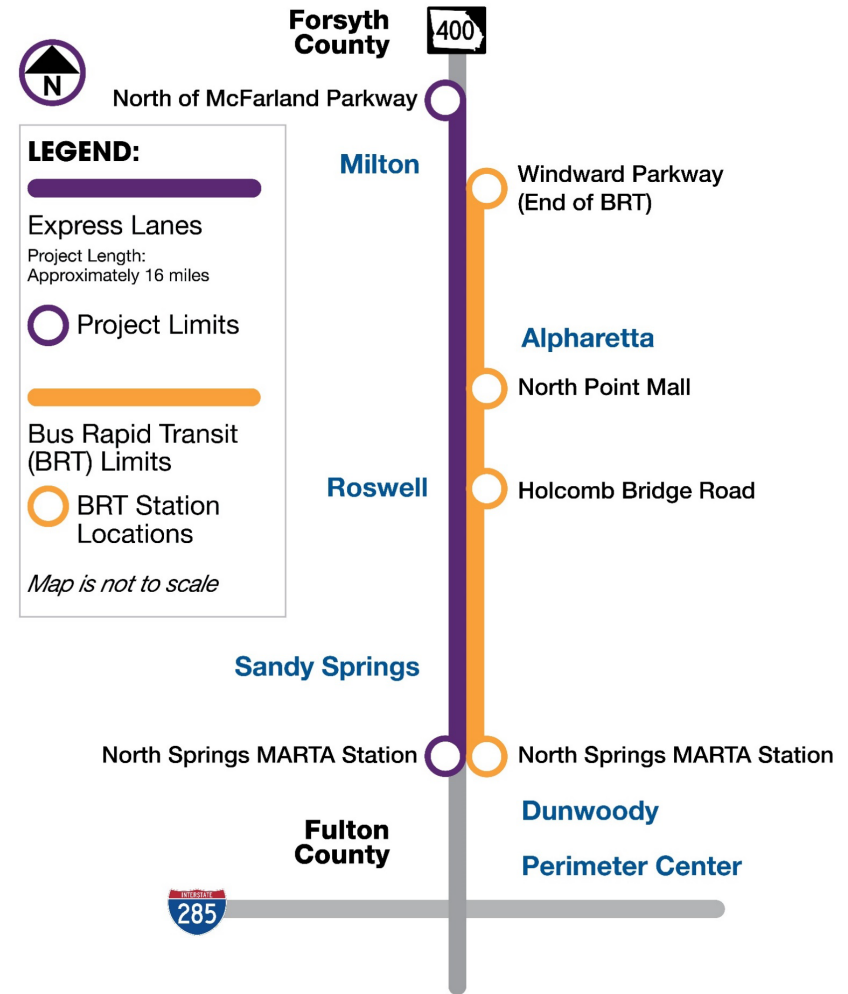
ELT on SR 400 will be in the form of bus rapid transit (BRT)



State provided \$100 million bond to not preclude BRT infrastructure on SR 400



Bulbing out roadway to allow MARTA to build stations



MARTA Coordination Efforts

- Coordinated with MARTA team since 2018 to finalize BRT station locations and discuss accommodations for technical needs
- Station locations:
 - Direct EL access North Springs MARTA Station
 - BRT only ramp from EL to Windward Pkwy Park and Ride
 - Bulb out accommodations for future in-line stations at Holcomb Bridge Road and near North Point Parkway
 - Removed proposed Old Milton Station location
- **Draft MOU and Draft IGA in development**



*Artistic rendering of potential future in-line BRT station.
Image courtesy of MARTA.*

I-285 Top End Express Lanes





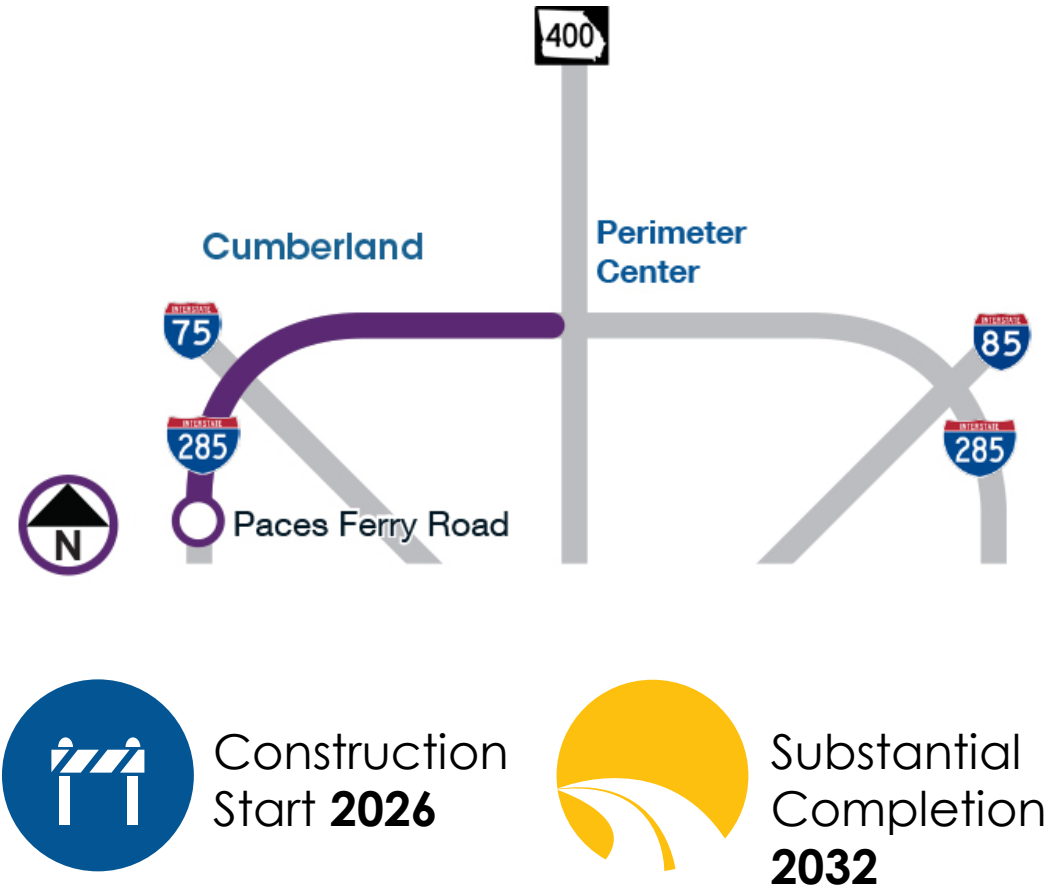
I-285 Top End Express Lanes



- Industry feedback drove decision to split into **two smaller construction packages**
- Environmental phase
 - Local coordination regarding express lanes
 - Published PIOH Comment Response Letter in April 2020
 - **Next Steps: Public Hearing Open House (PHOH) – Q1 2021**

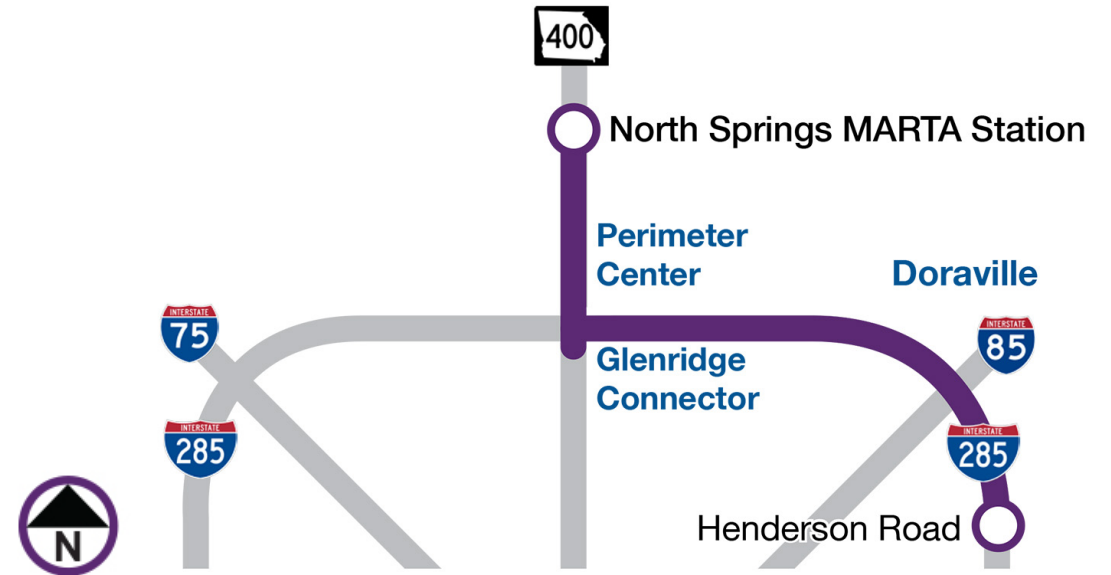
I-285 Top End West Express Lanes

- Limits: Just south of Paces Ferry Road to SR 400
 - Two new barrier-separated express lanes in both directions – at-grade and elevated – from SR 400 to I-75
 - One lane in each direction from I-75 to Paces Ferry Road
- Ties to the I-285 Top End East Express Lanes, Northwest Corridor Express Lanes, and I-285 Westside Express Lanes



I-285 Top End East Express Lanes

- I-285 limits: SR 400 to Henderson Road
 - Two new barrier-separated express lanes in both directions – at-grade and elevated – from SR 400 to I-85
 - One lane in both directions from I-85 to Henderson Road
- SR 400 limits: Glenridge Connector to the North Springs MARTA Station
- Same construction schedule as original I-285 Top End Express Lanes
- Ties to the existing I-85 Express Lanes (HOT), I-285 Eastside Express Lanes, I-285 Top End West Express Lanes, and SR 400 Express Lanes



Construction Start **2023**



Substantial Completion **2028**

Considerations for Rapid Transit on I-285



Mayors feasibility study for rapid transit



Study underway to determine stations, ridership, and funding



I-285 Top End Express Lanes not to preclude transit and coordinating how to integrate rapid transit option



THANK
YOU
For Viewing



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