

Q1/Q2 2020

Major Mobility Investment Program

Information and schedule are
subject to change.



I-85 Widening,
Phase 1 Status Update

Advancing Projects
on I-285

MMIP
Project Spotlights

Features

2 MMIP Progress and Updates
Georgia DOT Commissioner Russell R. McMurry, P.E., discusses the Major Mobility Investment Program (MMIP).

3 Program Map, Express Lanes Update, and Schedule
See the locations and schedule of the MMIP projects, in addition to an update on the Georgia Express Lanes.

5 First MMIP Project More Than Halfway Complete
On July 25, 2018, history was made when the first MMIP project broke ground with the I-85 Widening, Phase 1 endeavor.

6 Project Spotlights
Find key details about the MMIP projects, including interchange reconstructions, interstate widenings, express lanes, and commercial vehicle lanes projects.

7 Advancing Bite-Sized Wins for the MMIP
As the MMIP has developed and design work has progressed, we've advanced six improvement projects along I-285.

17 Right-of-Way
Georgia DOT works closely with property owners where land may need to be purchased for the construction of new infrastructure projects.

18 Noise Barrier Facts
Noise barriers absorb traffic and construction noise to minimize disturbance to those who live and work near high-traffic areas.

Transit Partners



MMIP Progress and Updates



The Georgia Department of Transportation (Georgia DOT) is committed to improving statewide mobility and building a connected transportation network. In 2016, **Major Mobility Investment Program (MMIP)** transportation projects were identified to create additional capacity, improve freight movement, provide operational improvements and efficiencies, enhance safety, offer more reliable trip times, and decrease travel times.

The MMIP is an ambitious, monumental program and first of its kind in the country. As the MMIP has developed and design work has progressed, we've evaluated and refined the program to advance six improvement projects along I-285. These advancements will bring enhancements to local roads sooner, mitigate traffic challenges during construction of the major express lanes' projects, provide early operational improvements to the I-285 general purpose lanes, and maintain healthy competition among our construction developer partners.

Our revised MMIP schedules allow for better industry competition and provide more opportunities for smaller, local contractors. Improved maintenance of traffic during construction will also help Georgia citizens maintain their quality of life. Additionally, these modifications provide further opportunities to coordinate and collaborate with partners, such as DeKalb and Fulton counties, the mayors along the top end of I-285, and the ATL, about future transportation endeavors.

Our revised MMIP schedules allow for better industry competition and provide more opportunities for smaller, local contractors. Improved maintenance of traffic during construction will also help Georgia citizens maintain their quality of life. Additionally, these modifications provide further opportunities to coordinate and collaborate with partners, such as DeKalb and Fulton counties, the mayors along the top end of I-285, and the ATL, about future transportation endeavors.

- We are leveraging the momentum of the **I-85 Widening, Phase 1** project to advance **Phase 2** of that corridor's improvements nearly four years earlier than originally planned.
- With Savannah housing the country's largest single-container terminal and I-75 used heavily as a freight corridor, it's vitally important to accommodate Georgia's growth in commercial vehicle traffic. The acceleration of the **I-75 Commercial Vehicle Lanes** project supports freight mobility and travel-time reliability along this important corridor.
- After listening to industry feedback regarding the quantity and timing of the express lanes project procurements, we've adjusted the delivery schedules for the **I-285 Eastside Express Lanes** and **I-285 Westside Express Lanes**, and split the **I-285 Top End Express Lanes** into two construction packages.

Through these major projects, Georgia DOT will deliver some of the nation's most innovative transportation solutions and the newest engineering and technological advances by addressing congestion, adding capacity and supporting transit, and keeping Georgia the No. 1 state to do business.

Russell R. McMurry, P.E.

Georgia DOT Commissioner



4 Major Interchange Projects

I-16/I-95
I-285/I-20 West
I-285/I-20 East
I-285/Peachtree Industrial Boulevard Interchange Improvements



5 Major Express Lanes Projects

I-285 Eastside
I-285 Top End East
I-285 Top End West
I-285 Westside
SR 400



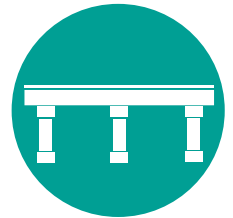
4 Major Interstate Widening Projects

I-85 Phase 1
I-85 Phase 2
I-16
I-285 Westbound Collector-Distributor Lanes



1 Commercial Vehicle Lanes Project

I-75



4 Bridge Improvement Projects

I-285 Westside Railroad Crossings Bridge Widening
I-285 Westside Bridge Replacements
I-285 Eastside Bridge Replacements
I-285 Westbound Auxiliary Lane Extension

Program Map

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 (two construction packages)
6. I-285 Westside
7. SR 400

Interstate Widening:

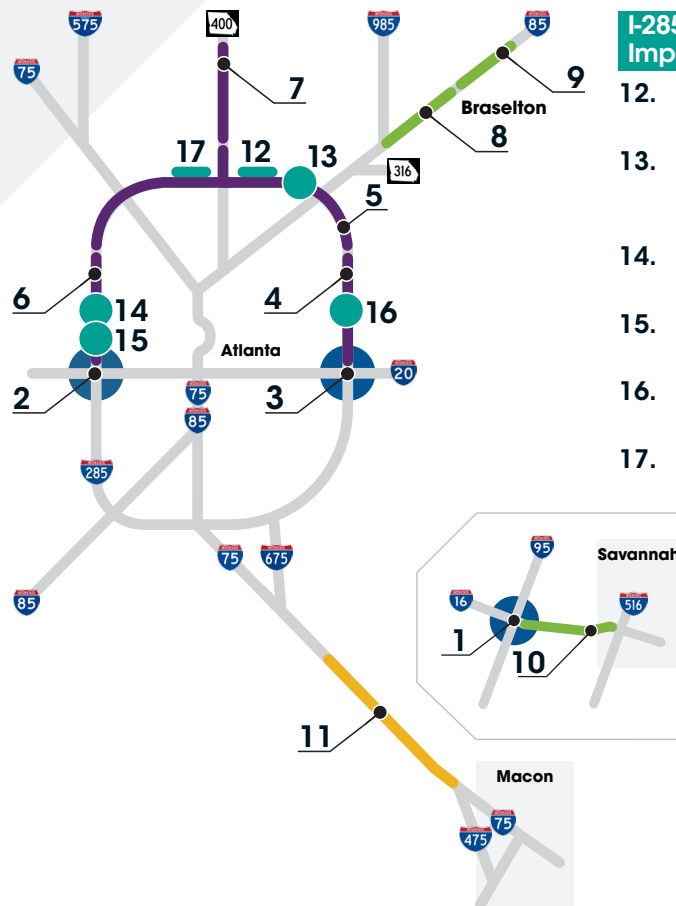
8. I-85 Phase 1
9. I-85 Phase 2
10. I-16

Commercial Vehicle Lanes:

11. I-75

I-285 Advanced Improvement Projects:

12. I-285 Westbound Collector-Distributor Lanes
13. I-285/Peachtree Industrial Boulevard Interchange Improvements
14. I-285 Westside Railroad Crossings Bridge Widenings
15. I-285 Westside Bridge Replacements
16. I-285 Eastside Bridge Replacements
17. I-285 Westbound Auxiliary Lane Extension



Program Schedule



2016
Major Mobility
Investment Program
Announced



2018
First MMIP
Project Under
Construction:
I-85 Widening,
Phase 1



2020
Open to Traffic:
I-85 Widening,
Phase 1



2022
Open to Traffic:
16@95 Improvement
Projects



2023
Open to Traffic:
I-85 Widening,
Phase 2

Georgia Express Lanes Network Delivery

The Georgia Express Lanes provide motorists and transit operators with more reliable travel times and more consistent travel speeds. Express lanes benefits are appealing not just to metro Atlantans, but people across the Southeast. Currently, four express lane facilities are in operation: I-85 Express Lanes, I-75 South Metro Express Lanes, Northwest Corridor Express Lanes, and I-85 Express Lanes Extension. The largest system, the Northwest Corridor Express

Lanes, has been a hit. With more than seven million trips registered in the first year of operation, travel speeds are 20 percent faster than the general purpose lanes. As a result, rush hour has been reduced by over one hour in both morning and evening commutes, giving significant time back to motorists.

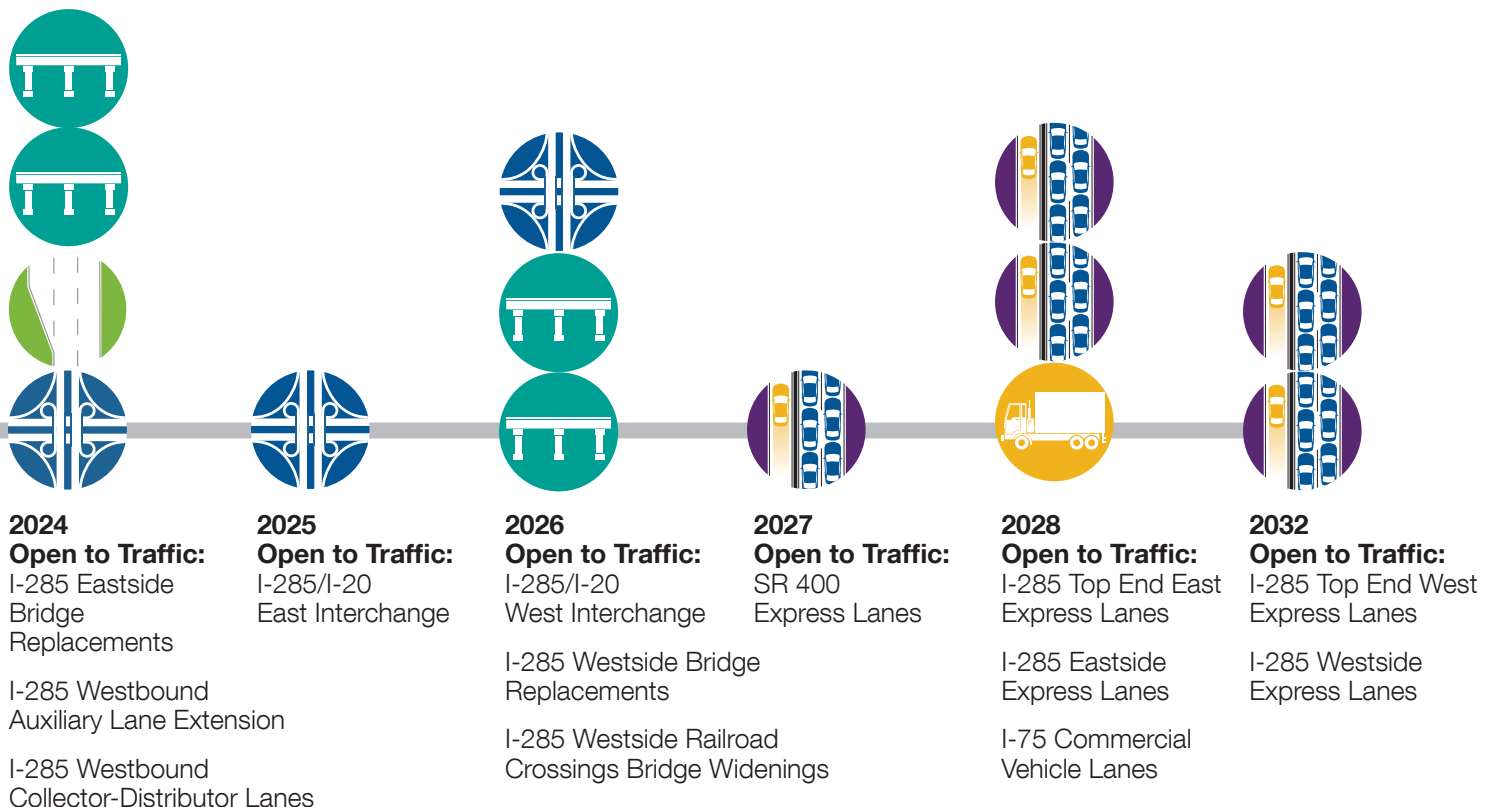
Did You Know?

All MMIP express lanes corridors will open to traffic between 2027 and 2032, with three of the five slated to open by 2029.

Previously, four express lanes corridors were planned for the Major Mobility Investment Program (MMIP). Recently the delivery schedule was adjusted, based on the Department's ongoing collaboration with local partners and contracting industries to deliver projects to the public in the most strategic and efficient way. This means certain MMIP projects will be delivered sooner, some remain on the same schedule, and some required more time for delivery.

- **I-285 Top End Express Lanes** will be split into two, smaller construction packages (**I-285 Top End East Express Lanes** and **I-285 Top End West Express Lanes**) and staggered to maximize competition and allow for the best developer pricing.
- **SR 400 Express Lanes** let (or award) date for construction shifted to Q3 2021 to account for the additional scope added to not preclude future transit construction.
- **I-285 Eastside Express Lanes** and **I-285 Westside Express Lanes** projects' schedules have shifted, which provide opportunities to continue discussions with our partners representing the communities along I-285 as well as MARTA, The ATL, and SRTA to not preclude future transit opportunities.

All MMIP express lanes projects will open to traffic between 2027 and 2032, with three of the five slated to open by 2029.



I-285/Peachtree Industrial Boulevard Interchange Improvements

Major Mobility Investment Program

Information and schedule are subject to change.

First MMIP Project More Than Halfway Complete and Scheduled to Open in 2020

On July 25, 2018, history was made when the first Major Mobility Investment Program (MMIP) project broke ground with the I-85 Widening, Phase 1 endeavor. This project adds 26 new lane miles by widening both directions of I-85 from two to three lanes between I-985 in Gwinnett County and SR 53 in Jackson County.



Jesse Cronin Road bridge construction in Jackson County.

The project also includes the replacement of three overpass bridges (Jesse Cronin Road, Flowery Branch Road, and Spout Springs Road). All three structures are over 50 years old and while structurally adequate, they are functionally obsolete. When bridges are considered functionally obsolete, they may not have adequate lane widths, shoulder widths, or vertical clearances to serve the current traffic demand, or they could be occasionally flooded. The replacements will modernize these three bridges.

Additionally, the project includes the replacement of existing two parallel, two-lane bridges over Mulberry River at the Barrow/Jackson County line with two parallel, three-lane bridges and includes the installation of sound barrier walls and Intelligent Transportation System (ITS) infrastructure.

Once the first phase of the I-85 widening is complete, the improvements will:



Provide relief to motorists in this heavily-congested area



Reduce projected delay by 56%



Add highway capacity for over 100,000 vehicles



Enhance safety in the area

118,850
cars and trucks

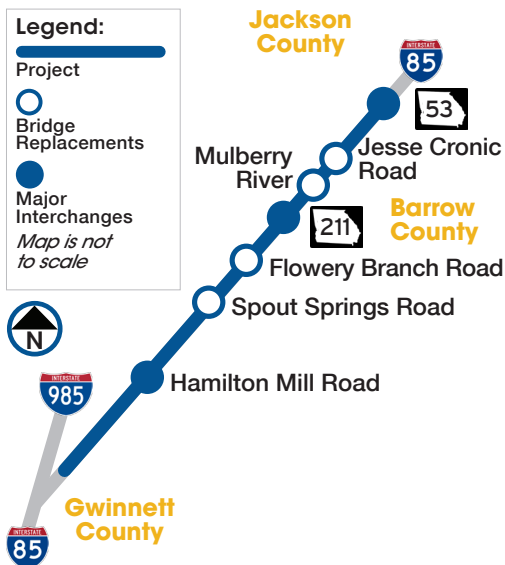
Average daily traffic on this section of I-85, making this a heavily-congested route all the way to South Carolina.

This phase of the I-85 widening is the first of four interstate widening projects currently included in the MMIP. The goal of these improvements is to reduce traffic congestion and improve overall safety in the area. The project is ahead of schedule and is anticipated to open to traffic in 2020.



Sections of the I-85 Widening, Phase 1 opened to traffic early on October 25, 2019.

I-85 Widening, Phase 1



The I-85 Widening, Phase 1 corridor improvements will provide relief to motorists in this heavily-congested area by widening I-85 from two to three lanes in both directions from I-985 to SR 53. Additional work on the project includes replacing three overpass bridges.

Benefits

- Replaces three overpass bridges and a dual mainline bridge along I-85 that are over 50 years old
- Project adds 26 new lane miles on I-85 in metro Atlanta with new lanes built into the median
- No right-of-way acquired for the project



2016-2017
Environmental Process



2016
Public Information Open House



Q3 2017
Public Hearing Open House



Q3 2017
Developer Selected



Q3 2018
Construction Begins



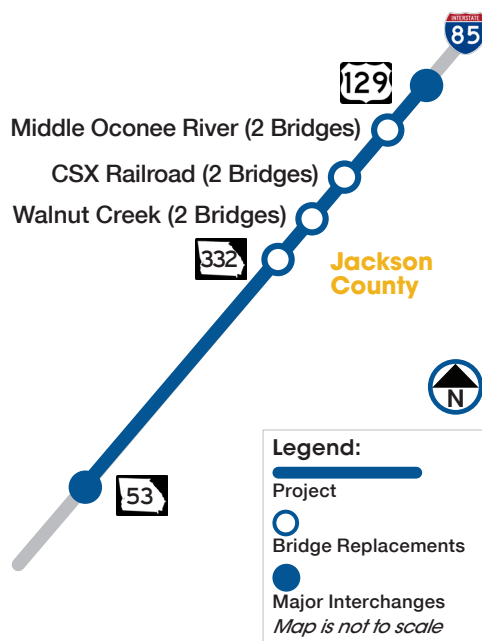
Q3 2020
Open to Traffic



Did You Know?

With the Phase 1 improvements on target to open to traffic in 2020, we are leveraging the success to advance construction of the Phase 2 improvements four years earlier than previously scheduled.

I-85 Widening, Phase 2



The I-85 Widening, Phase 2 corridor improvements will provide relief to motorists by widening I-85 from two to three lanes in both directions between SR 53 to just north of US 129. Additional work on the project includes replacing one overpass bridge and six mainline bridges along I-85.

Benefits

- Project replaces bridges considered to be past their useful life
- Project adds 21 new lane miles on I-85 in metro Atlanta with new lanes built into the median
- No right-of-way acquired for the project



2016
Public Information Open House



2019-2020
Environmental Process



Q2 2021
Construction Begins



2023
Open to Traffic

Advancing Bite-Sized Wins for the MMIP



As the MMIP has developed and design work has progressed, we've evaluated how we are delivering the program and refined it to advance six improvement projects along I-285. Advancing these improvement projects, which were already part of the MMIP, will bring improvements to you sooner and help mitigate disruptive construction congestion during the major express lanes' construction.



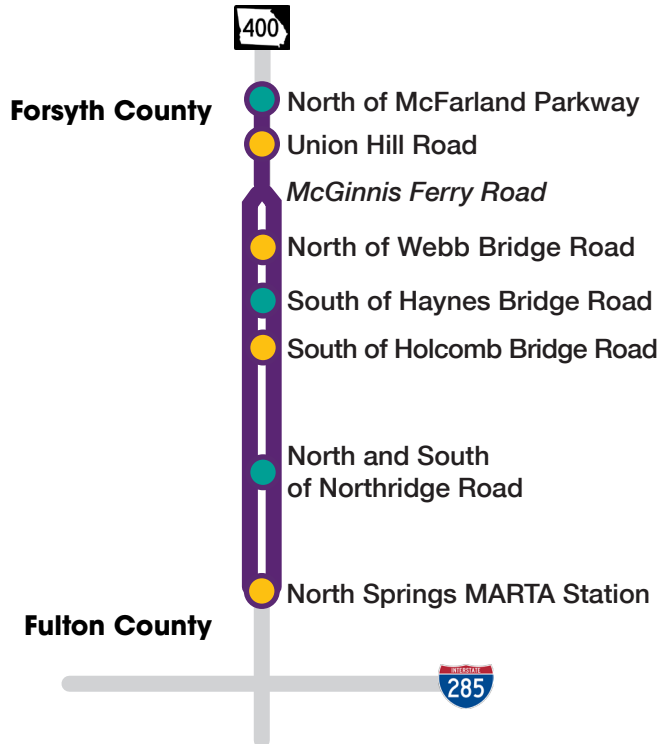
How these advancements benefit you:

- Provides localized road improvements earlier in the delivery timeline than previously scheduled
- Provides early operational improvements to I-285 general purpose lanes
- Contributes to less disruptive construction congestion and impacts to local roads during major express lanes project construction
- Maintains healthy competition among our bidding developers
- Avoids overwhelming the contracting industry with less projects on the same procurement timeline

SR 400 Express Lanes



State Route 400 (SR 400) is a vital north-south transportation corridor in metro Atlanta that connects people, jobs, and freight. To improve mobility, Georgia DOT plans to add new, optional express lanes from the North Springs MARTA Station to McFarland Parkway.



Legend:

- Project
- One Lane Each Direction
- Two Lanes Each Direction
- Express Lane Interchange
- Express Lane Merge

Project Length:
Approximately 16 miles

Map is not to scale

Benefits

- The SR 400 Express Lanes will provide more reliable trips along the corridor
- Georgia's first bus rapid transit (BRT) system is planned to run along this project's corridor, which will be operated by MARTA
- Projected to provide a 43% travel-time reduction in 2040
- Reduces traffic fatalities and serious injuries by 8.3% generating \$95.2 million in safety benefits



2018-2021
Environmental
Process



Q1 2019
Public Information
Open House



Q3 2020
Public Hearing
Open House



Q4 2022
Construction
Begins

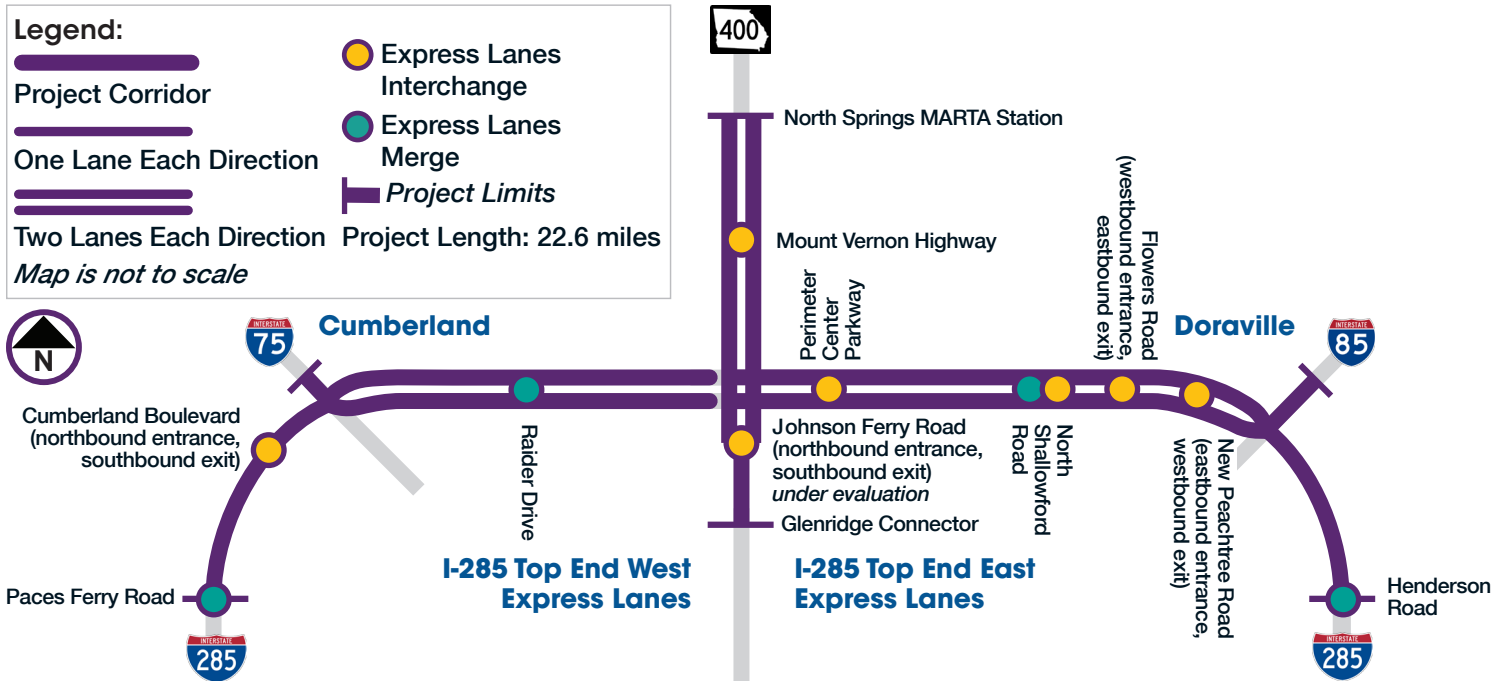


2027
Open to
Traffic

I-285 Top End Express Lanes



This project focuses on adding two, new at-grade and elevated, barrier-separated express lanes in both directions of I-285, and north on SR 400 alongside the existing general purpose lanes. The project will improve mobility on one of the most heavily-traveled and congested interstate highways in America.



Benefits

- Adds 79 new lane miles on I-285 and SR 400
- Contributes to reducing 6,000+ hours of delay each day on the top end of I-285*
- Provides an option for more reliable trip times and free access for transit and vanpools

*Source: Cambridge Systematics study for Georgia DOT, 2016

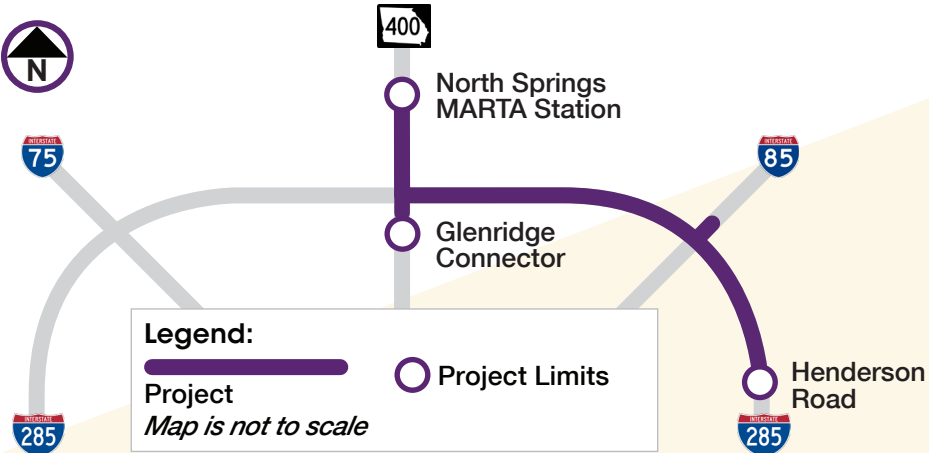
GEORGIA
Express Lanes
I-285 Top End



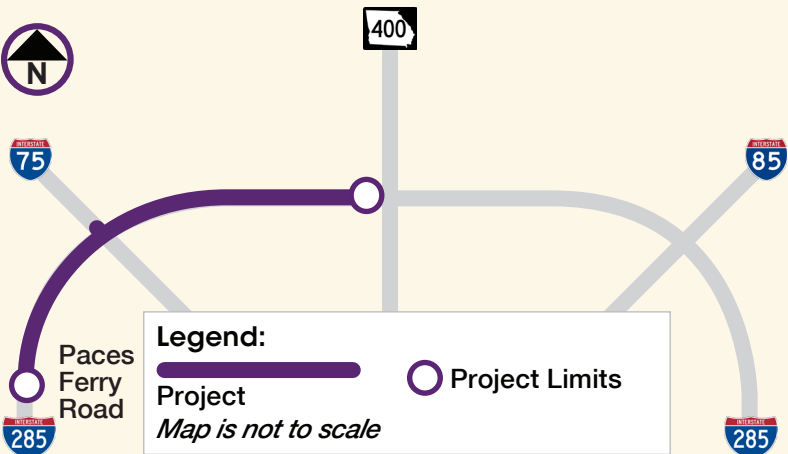
Announcing Two Construction Packages

Through the development of the MMIP, Georgia DOT has considered industry feedback regarding the quantity and timing of major procurements, as well as the size of the procurement packages. After assessing the state of the program, the I-285 Top End Express Lanes project will be constructed in two sections to maximize competition, maintain competitive pricing, and phase construction for improved maintenance of traffic during construction. The construction packages will cover the full project limits of the I-285 Top End Express Lanes; however, will be constructed separately as the I-285 Top End West Express Lanes and I-285 Top End East Express Lanes.

I-285 Top End East Express Lanes: The construction package focuses on adding two new at-grade and elevated, barrier-separated express lanes in both directions of I-285 between Henderson Road and SR 400, and north on SR 400 from the Glenridge Connector to the North Springs MARTA Station.



I-285 Top End West Express Lanes: This construction package focuses on adding two new at-grade and elevated, barrier-separated express lanes in both directions of I-285 between Paces Ferry Road and SR 400.



2018-2022
Environmental
Process



Q1 2020
Public Information
Open House



Q1 2021
Public Hearing
Open House



Q4 2023
Construction Begins
(I-285 Top End East
Express Lanes)



Q4 2026
Construction Begins
(I-285 Top End West
Express Lanes)



2028
Open to Traffic
(I-285 Top End East
Express Lanes)

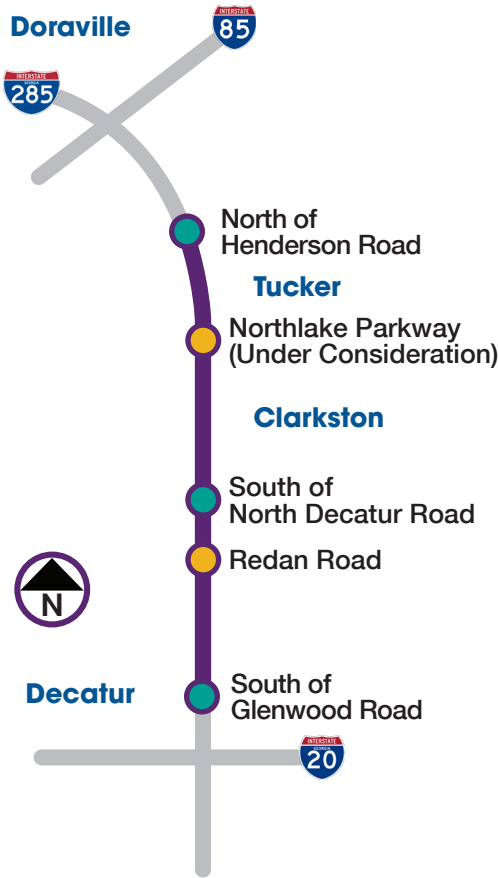


2032
Open to Traffic
(I-285 Top End West
Express Lanes)

I-285 Eastside Express Lanes



The I-285 Eastside Express Lanes project plans to add optional express lanes consisting of one, new buffer-separated express lane in each direction on I-285 between I-20 and Henderson Road in DeKalb County.



Legend:

Project

Express Lane Interchange

Express Lane Merge

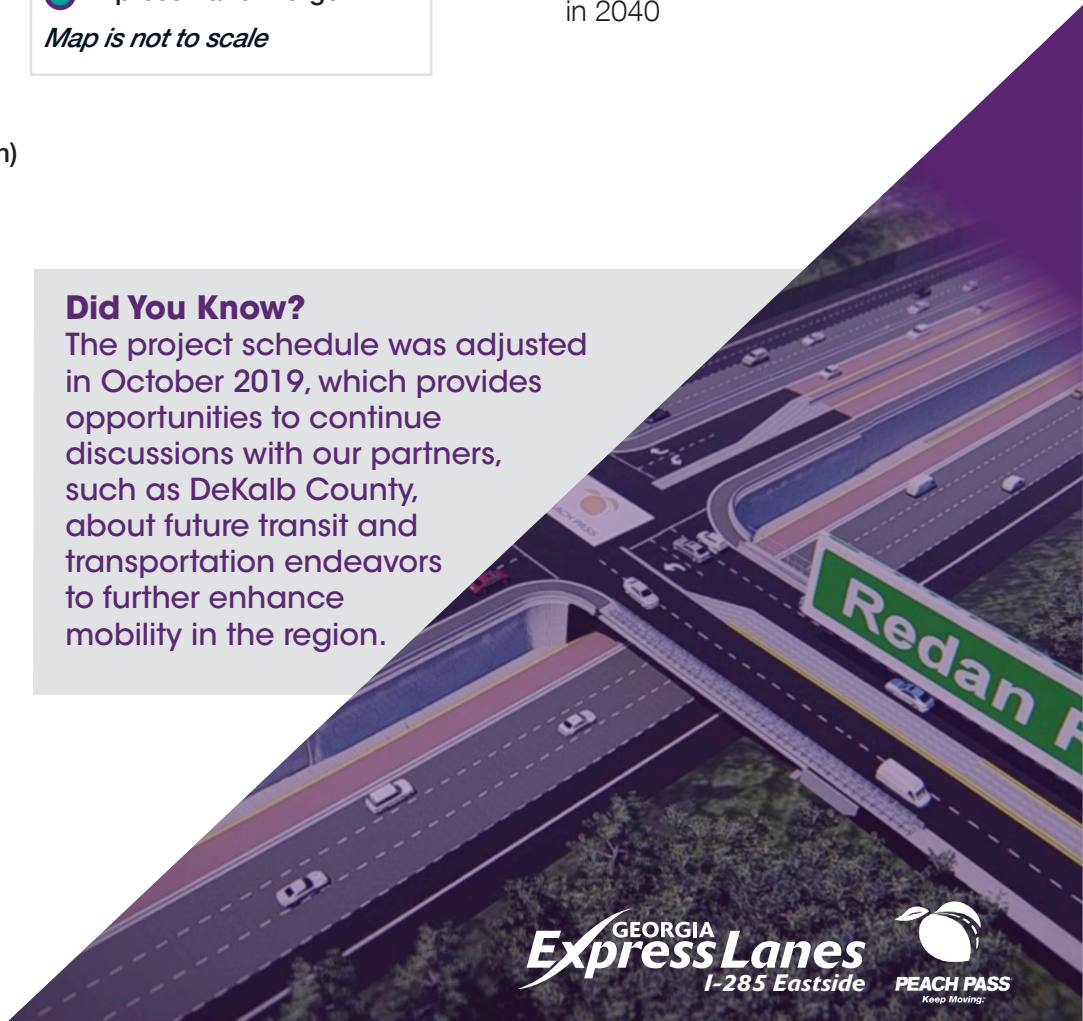
Map is not to scale

Did You Know?

The project schedule was adjusted in October 2019, which provides opportunities to continue discussions with our partners, such as DeKalb County, about future transit and transportation endeavors to further enhance mobility in the region.

Benefits

- Adds new lane miles on I-285
- Connects to larger Georgia Express Lanes network
- Provides toll-free access for transit and state-registered vanpools
- Reduces travel times by 39% in 2040



GEORGIA
Express Lanes
I-285 Eastside



2018-2021
Environmental
Process



Q2 2019
Public Information
Open House



Q3 2021
Public Hearing
Open House



Q4 2024
Construction
Begins



2028
Open to
Traffic

I-285 Westside Express Lanes



The I-285 Westside Express Lanes project plans to add optional express lanes consisting of one, new buffer-separated express lane in each direction on I-285 between I-20 in Fulton County and Paces Ferry Road in Cobb County.



2019-2022
Environmental Process



Q3 2020
Public Information Open House



Q1 2022
Public Hearing Open House



Q4 2026
Construction Begins



2032
Open to Traffic

Benefits

- Adds new lane miles along I-285
- The lanes will be part of the larger Georgia Express Lanes network
- Provides a 33% travel-time reduction in the express lanes in 2040

Did You Know?

The project schedule was adjusted in October 2019 to avoid competition with other concurrent major express lanes project developer procurements.

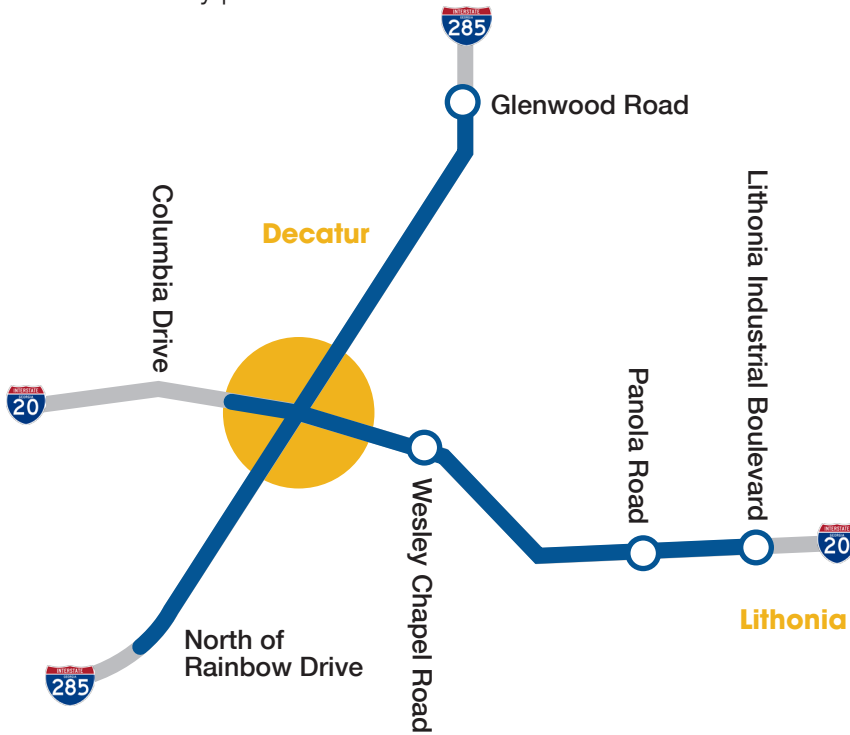
GEORGIA
Express Lanes
I-285 Westside



I-285/I-20 East Interchange



The I-285/I-20 East Interchange project will improve traffic flow and safety at this busy interchange. This critical juncture in DeKalb County requires operational and geometry improvements to address an inefficient flow of traffic and safety performance.



Legend:

Project



Major Interchanges



Interchange Area

Map is not to scale



2018-2021

Environmental Process



Q4 2019

Public Information Open House



Q3 2020

Public Hearing Open House



Q4 2022

Construction Begins



2025

Open to Traffic

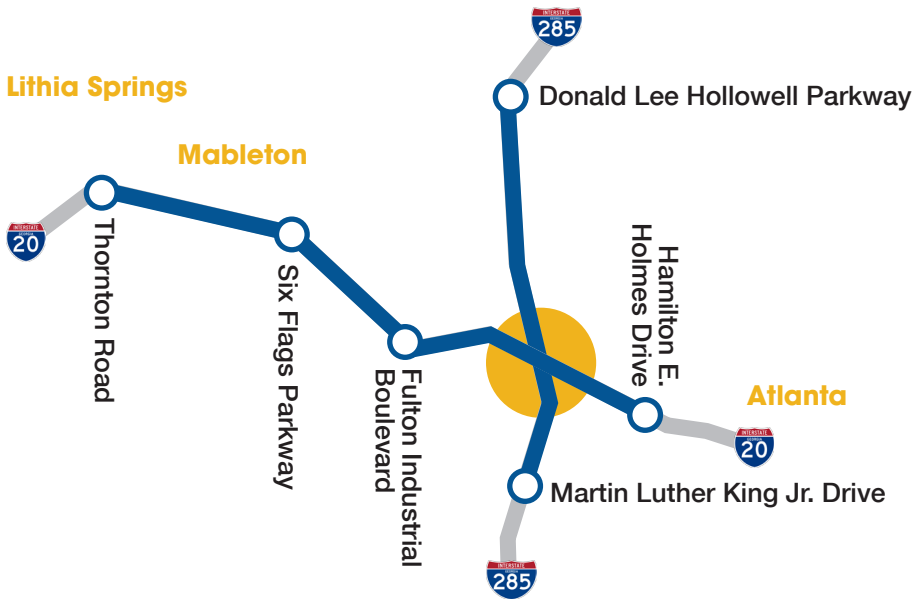
Benefits

- Improves traffic flow and safety at the busy I-285/I-20 East Interchange
- Reconstructs ramps and constructs new collector-distributor (CD) lanes
- Adds auxiliary lanes along I-20 and I-285
- Replaces the Miller Road, I-20 over Snapfinger Creek, and Fairington Road bridges

I-285/I-20 West Interchange



The I-285/I-20 West Interchange project plans call for improvements of the interchange and addition of lanes along I-20 in Cobb, Douglas, and Fulton counties. Additional work on this project includes construction of collector-distributor lanes and modification or replacement of seven bridges along I-20.



2019-2022
Environmental Process



Q3 2020
Public Information Open House



Q3 2021
Public Hearing Open House



Q4 2023
Construction Begins



2026
Open to Traffic

Benefits

- Improves operations and safety through the interchange
- Adds new lane miles along I-20
- Provides more efficient traffic flow

Did You Know?

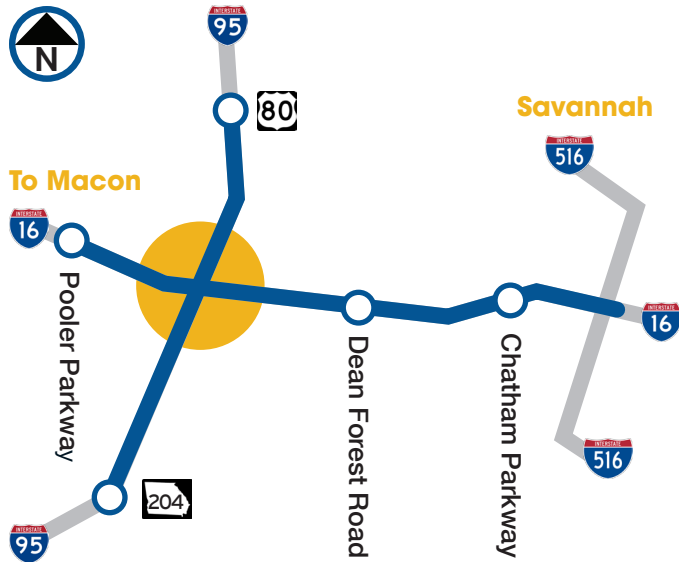
I-285 is a major corridor for commercial vehicles and trucks. With additional growth expected throughout the state, the interchange reconstruction is critical in addressing congestion and freight traffic. The I-285/I-20 West Interchange project provides additional capacity, enhanced roadway operations, and improved ramp geometry.

16@95 Improvement Projects



The 16@95 Improvement projects include the reconstruction of the directional ramps at the I-16/I-95 Interchange with turbine configuration ramps and the widening of I-16 (west of I-95 to just east of I-516)

from two to three lanes in each direction, all in Chatham County. Additional work on this project includes adding collector-distributor (CD) lanes on I-95 northbound to help eliminate weaving to and from I-16.



Legend:

Projects

Major Interchange

Interchange Reconstruction

Map is not to scale

An artist's rendering of the new I-16/I-95 Interchange near Savannah.

Benefits

- Adds new lane miles in each direction at the busy gateway to Savannah
- Expected to reduce projected traffic delays - 32% on I-16 by 2030
- Increases existing merging lengths
- Installs lighting at the I-16/I-95 Interchange
- Improves existing hurricane contraflow crossovers

Did You Know?

The I-16/I-95 Interchange reconstruction will replace the existing loop ramps located on the west side of I-95 with new turbine configured ramps, the first in the state of Georgia.



2016-2018
Environmental Process



2016
Public Information Open House



Q3 2018
Developer Selected



Q2 2019
Public Information Open House



Q1 2020
Construction Begins



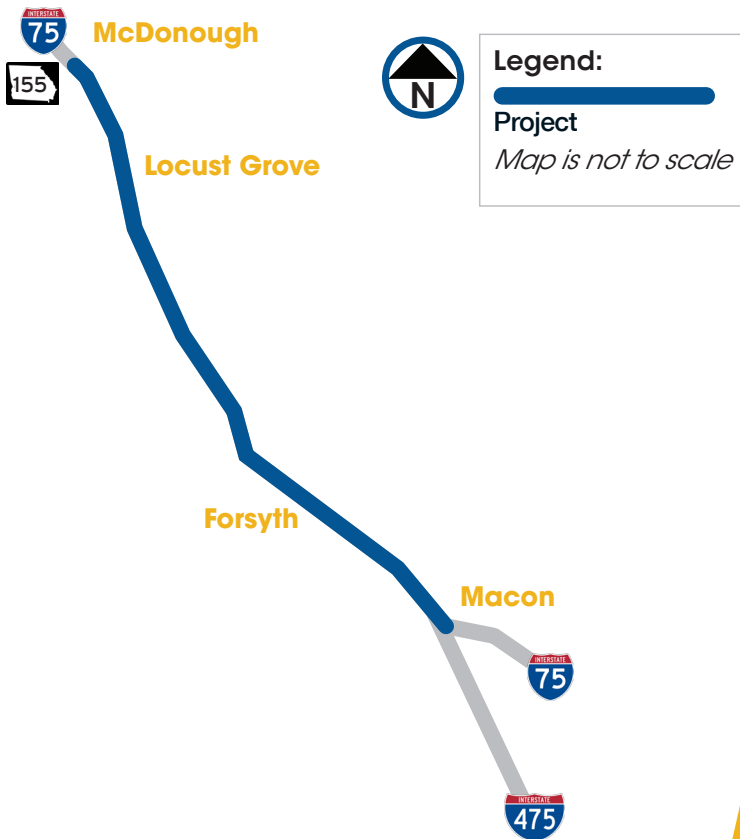
2022
Open to Traffic

I-75 Commercial Vehicle Lanes



The I-75 Commercial Vehicle Lanes project will improve mobility and safety for freight operators and passenger vehicles. The project consists of two, barrier-separated commercial vehicle-only lanes northbound along I-75 from approximately the I-475/I-75 Interchange near Macon to the McDonough area.

The facility will be non-tolled and includes nearly 38 centerline miles across five counties: Henry, Spalding, Butts, Lamar, and Monroe.



Benefits

- Separates freight traffic from general motorists, creating safer trips for all roadway users
- Accommodates growth in commercial vehicle traffic
- Promotes continued regional economic development while supporting future port of Savannah expansion
- Enhances system travel-time reliability
- Facilitates the use of emerging connected and autonomous vehicle (CAV) technologies

Did You Know?

With Savannah being home to the largest single container terminal in North America and I-75 used heavily as a freight corridor, this project schedule was accelerated to accommodate growth in commercial vehicle traffic in Georgia.



2018-2022
Environmental
Process



Q1 2021
Public Information
Open House



Q3 2022
Public Hearing
Open House



Q3 2024
Construction
Begins



2028
Open to
Traffic

Right-of-Way

In the process to improve reliability, mitigate congestion, enhance safety, and provide greater connectivity, Georgia DOT may need to acquire right-of-way to improve Georgia's transportation system. Georgia DOT works closely with property owners where their land may need to be purchased for the construction of new infrastructure projects. Georgia DOT strongly adheres to a process for such acquisitions, which is required under federal law created for the protection of property owners.



Pre-Acquisition Activities (60 Days)

- Coordination with Special Assistant Attorney General (SAAG) to prepare preliminary title reports
- Determination of types and number of appraisals required
- Outreach to property owners to explain right-of-way plan and acquisition process, which includes letters, in-person meetings, among other ongoing communications



Appraisals (90 Days)

- Independent appraisers contact impacted property owners to schedule property inspection
- Appraisal report developed and shared with Georgia DOT for review
- Offer package developed by Georgia DOT based on appraisal report



Negotiations to Purchase (120 Days)

- The offer, referred to as initiation of negotiations, is presented to property owner in writing based on the fair market value (FMV) appraisal
- Reasonable negotiation period is allowed for good-faith negotiations
- Settlement is reached



Closing (90 Days)

- Special Assistant Attorney General (SAAG) performs the closing at no cost to property owners
- Funds disbursed to owner (after satisfaction of any applicable liens)
- Property owner has a minimum of 60 days to vacate property after closing



Relocation, if necessary (90 days)

- In the event that any person, family, business, or farm is displaced, they shall be offered relocation assistance services, or a relocation benefits package at time of initiation of negotiations
- If property owners or tenants are required to relocate they will be treated fairly, equitable, and in compliance with the Uniform Act. Since relocation occupants vary, relocation benefits and payments may also vary. The property owner's assigned relocation agent will explain more specific benefits or payments for those that may be eligible for relocation advisory services.

In the event that an amicable settlement cannot be reached, Georgia DOT could exercise its authority of eminent domain, but would do so after exhausting all other remedies to reach a settlement.

Noise Barrier Facts

What is a noise barrier?

Noise barriers reflect traffic and construction noise to help minimize disturbance to those who live and work near high-traffic areas.

What do noise barriers look like?

The appearance of the barriers can vary by project. Information about the color and finish is shared as soon as it is determined.

How are sound levels determined for noise barrier placement?

Noise barriers are placed in areas where noise could exceed acceptable sound levels established by state and federal noise policy. Current and future sound levels are determined through a computer noise model that factors in roadway traffic, terrain/ground features, noise-sensitive areas, such as homes, parks, etc., and/or any other feature that could influence noise.

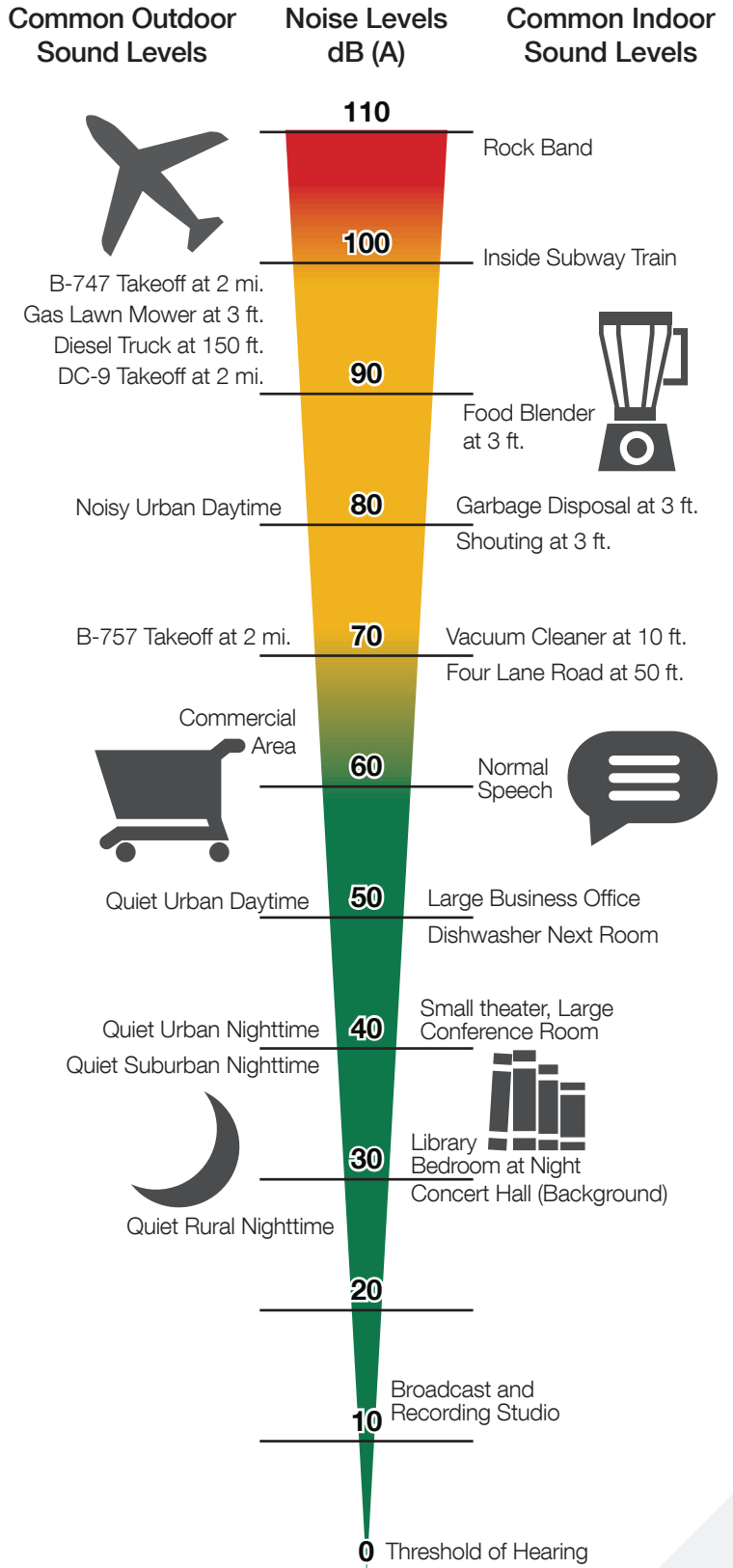
Are renters allowed to participate in voting for noise abatement?

Yes. All individuals, owners, and renters who would benefit from a proposed noise barrier get to participate in the voting.

How do you determine who would benefit from a noise barrier?

Georgia DOT measures potential noise impacts to residences, businesses, and other properties adjacent to the interstate. Residences and businesses that would realize a noise reduction of a least five decibels are referred to as “benefited receptors” and given the opportunity to vote either in favor or against the installation of noise barriers through a balloting process administered by Georgia DOT.

Common Sound Levels



Source:
Draft EIS/EIR LAX Proposed Master Plan Improvements, Los Angeles, CA,
U.S. Department of Transportation, FAA, January 2001.



You just
saved a life.
Yours.

#ArriveAliveGA

**DRIVE
ALERT
ARRIVE
ALIVE**



www.dot.ga.gov/MMIP
majormobility@dot.ga.gov (sign up for updates)
404-347-0185 (voicemail)

Like and follow us!   

Georgia Department of Transportation
One Georgia Center | 600 West Peachtree Street NW
Atlanta, GA 30308

Information and schedule are subject to change.