

Northwest Corridor Express Lanes Update

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Division Director of P3

Committee of the Whole
February 14, 2018



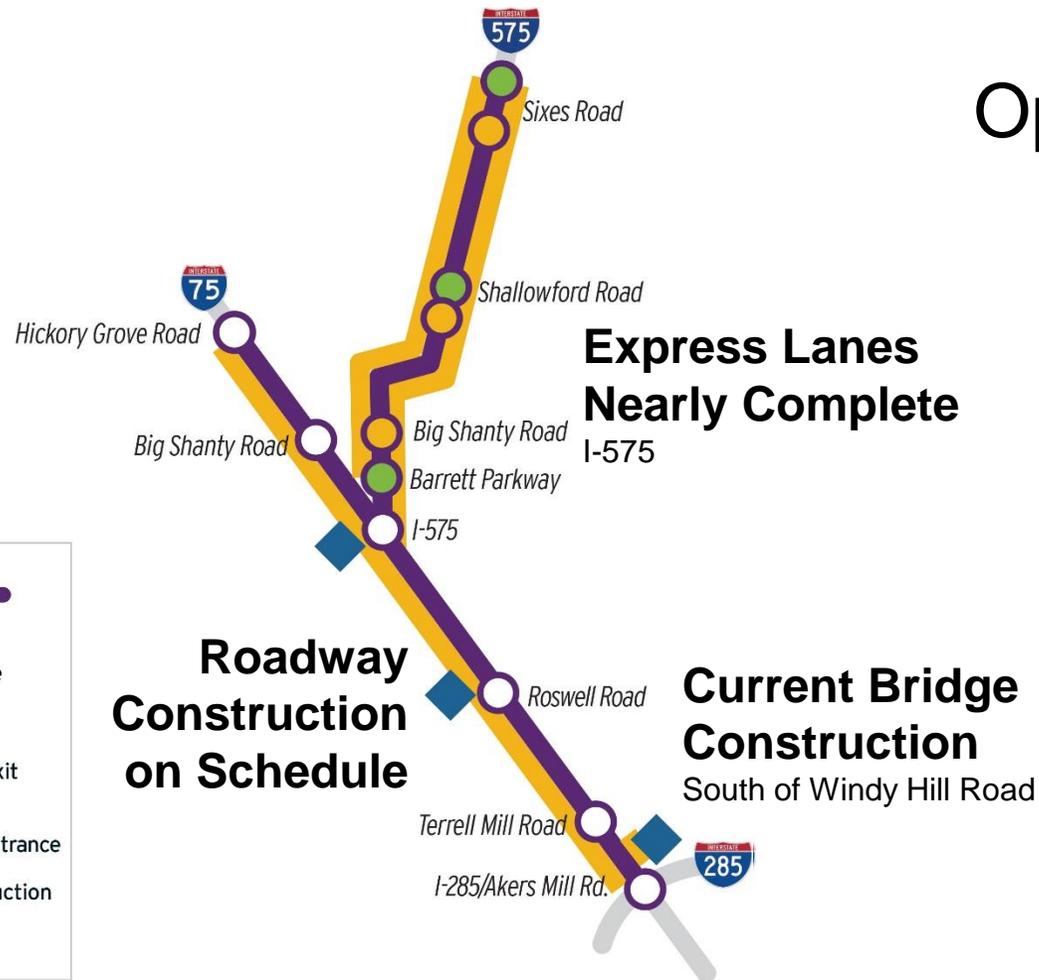
Presentation Overview

- Northwest Corridor Express Lanes Overview
- Project Progress
- Access Points
- Incident Management and Emergency Response
- Next Steps

Northwest Corridor Express Lanes Overview



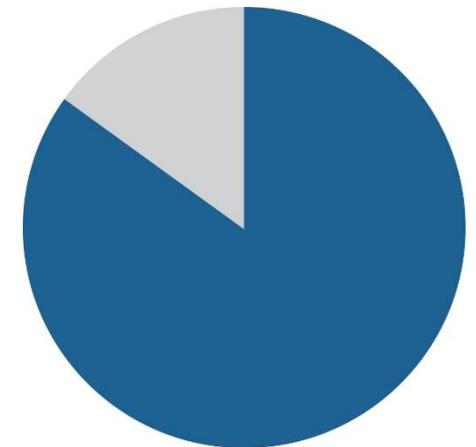
Northwest Corridor Construction Status



Schedule:
Opening to traffic



90% Complete



LEGEND:

Project

-  Managed-Lane Interchanges
-  Slip Ramp-Northbound Exit
-  Slip Ramp-Southbound Entrance
-  Major Construction Sites

Map is not to scale

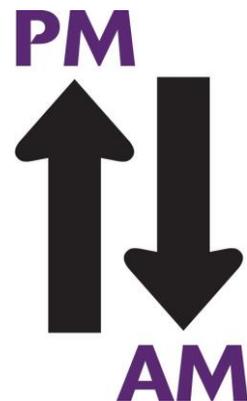
Northwest Corridor Express Lanes

29.7

Miles of newly
constructed roadway



A Peach Pass is needed
to use the Express Lanes



Reversible lanes

NWC Express Lanes Benefits



Provides more **choices** and reliable trip times



Improves infrastructure



Reduces barriers separating workers from employment centers



Sustains or advances national or regional economic growth



Improves interactions between roadway users



Eliminates bottlenecks

Regional Transit Wins with Georgia Express Lanes



Increased **trip reliability**



No additional cost to transit providers and riders



24% of *Xpress* bus trips currently utilize Express Lanes



173 current daily bus trips



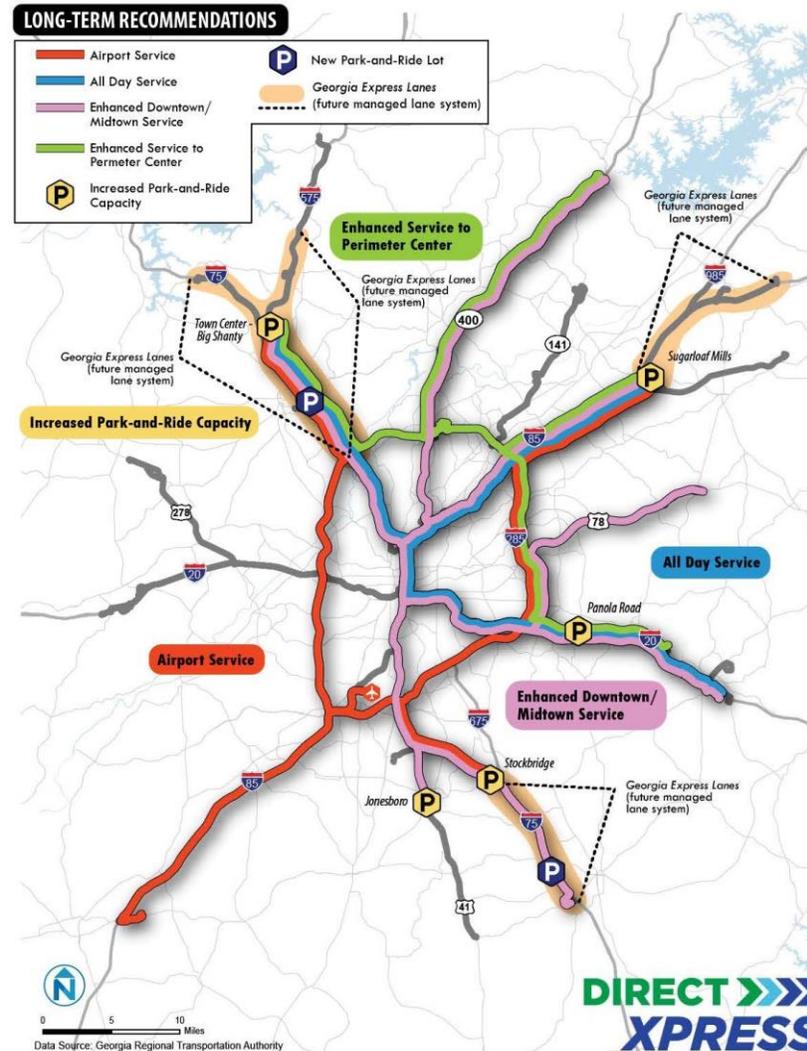
3,200+ current daily passengers

Regional Transit Wins with Georgia Express Lanes

Current and future Park-and-Ride locations connect to Georgia Express Lanes and boost transit opportunities.

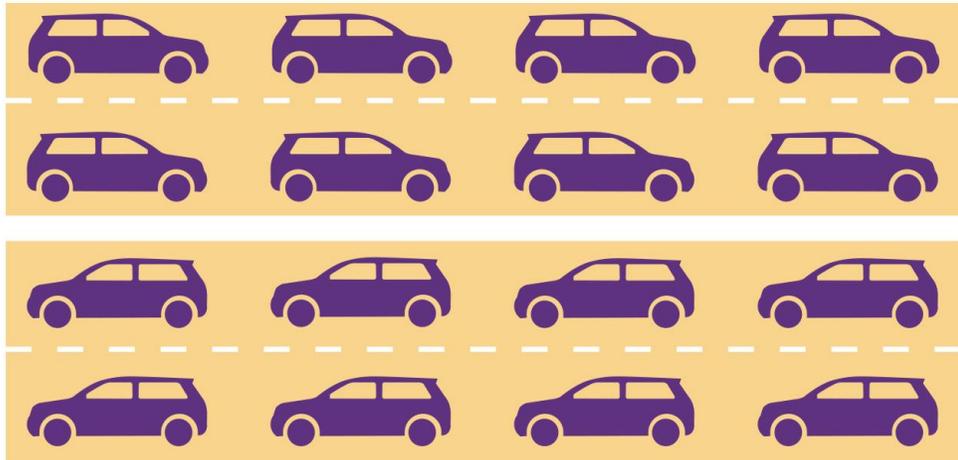


Xpress Horizon Service Plan



I-75 South Metro Express Lanes Success

OVER
1 MILLION EXPRESS LANES
USERS EACH WAY
SINCE OPENING



MORNING COMMUTE
NORTHBOUND



13 MPH FASTER
THAN GENERAL PURPOSE LANES

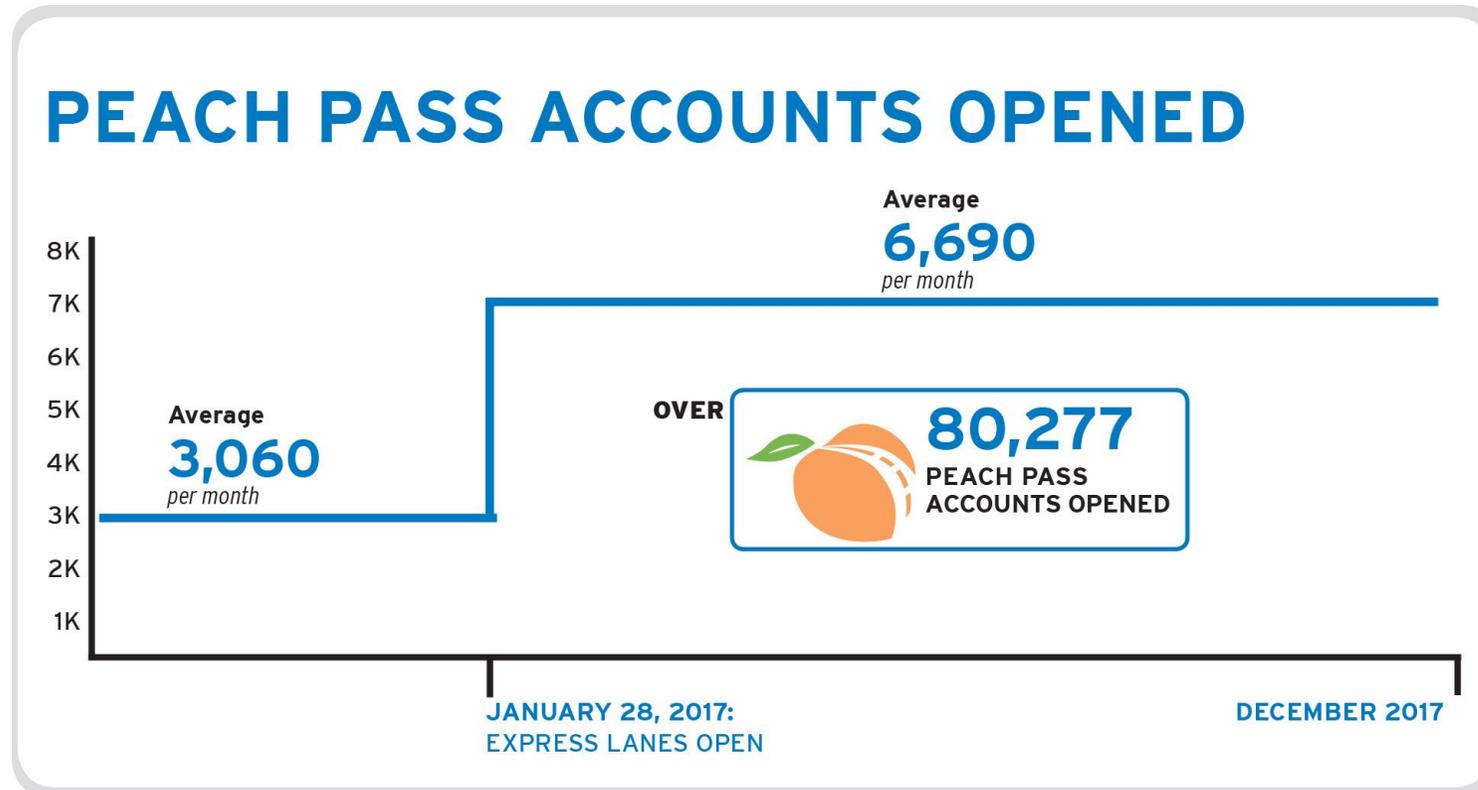


EVENING COMMUTE
SOUTHBOUND



21 MPH FASTER
THAN GENERAL PURPOSE LANES

I-75 South Metro Express Lanes Success





Project Progress

Groundbreaking October 2014



NWC Groundbreaking
October 2014

Northwest Corridor Construction – On Schedule

39 Bridges:



- **36** complete
- **3** under construction
- **96%** (210 of 219)
bridge deck spans complete

68 Retaining Walls:



- **62** complete
- **6** under construction

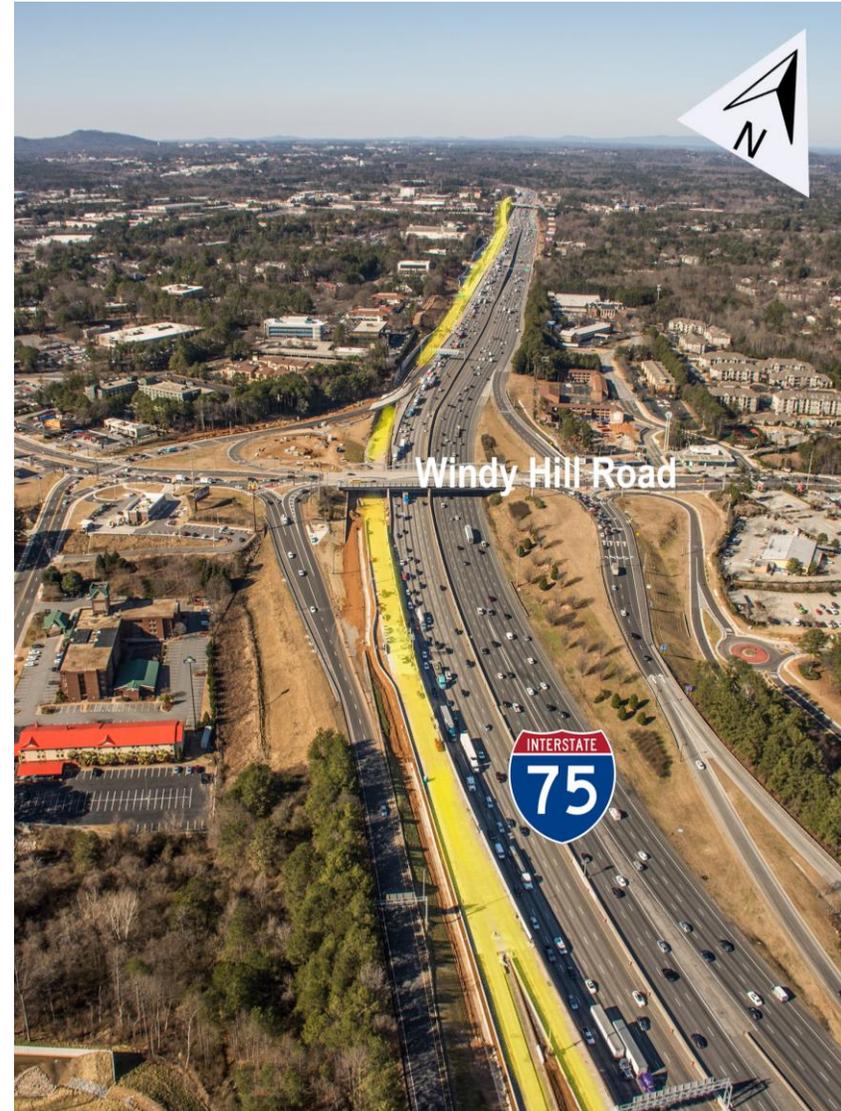
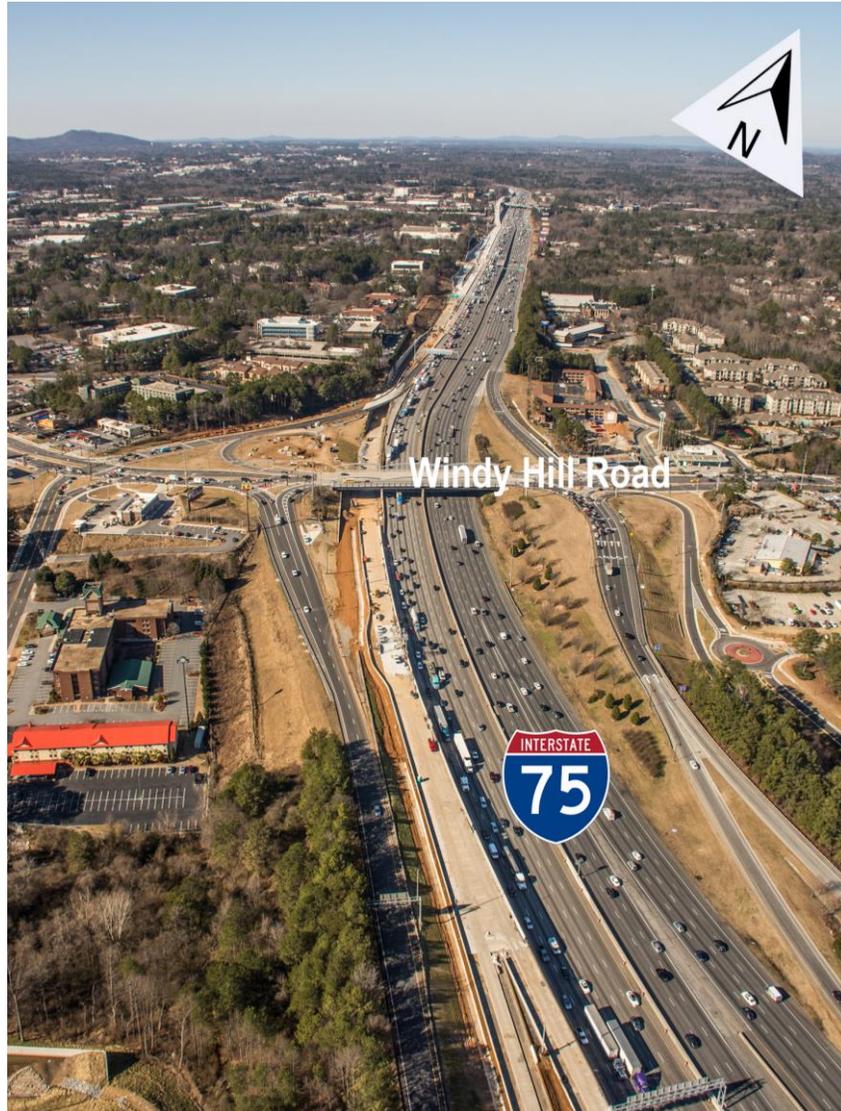
I-285/I-75 Interchange



I-75/I-575 Interchange



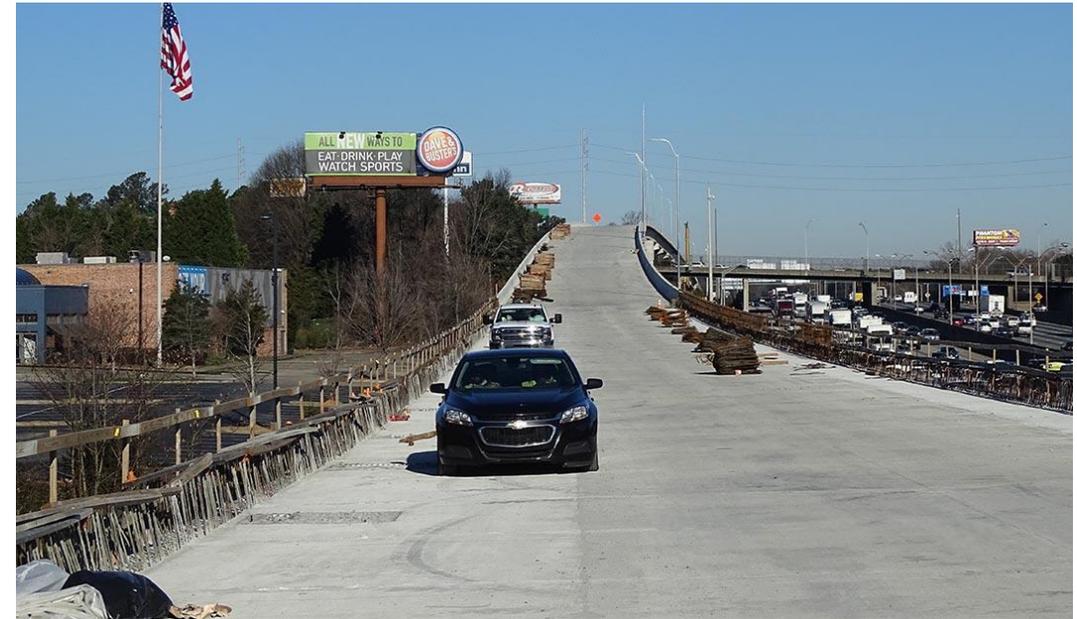
I-75 at Windy Hill Road



I-75 Bridge over Delk Road



July 2016



January 2018

Express Lanes over I-75 Southbound



January 2017



January 2018

Bridge Deck at I-75/I-285 Interchange



Paving Work at I-75 near Allgood Road



I-75 N towards Akers Mill Road



Access Points



Northwest Corridor Access Points

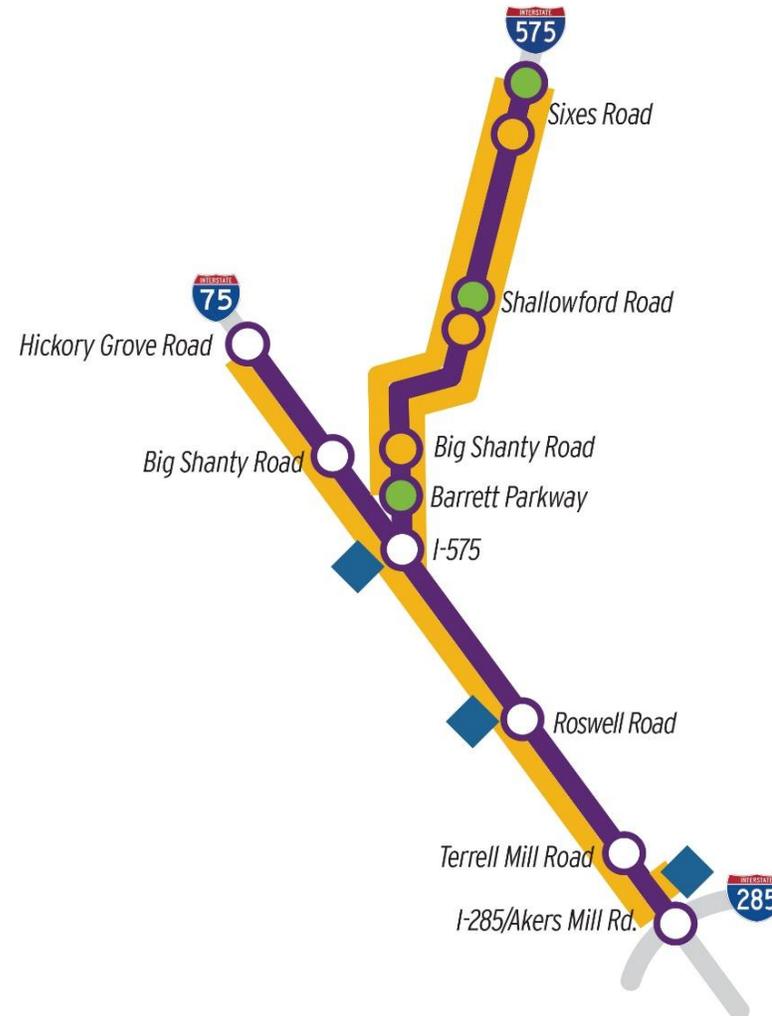
LEGEND:



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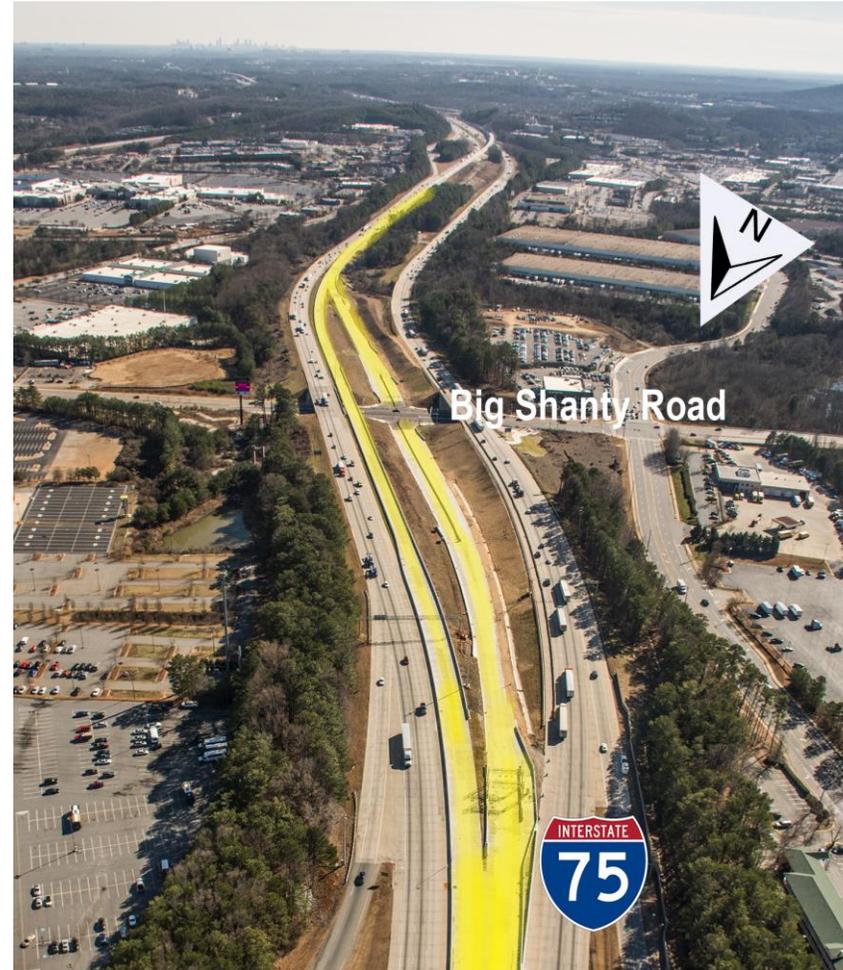
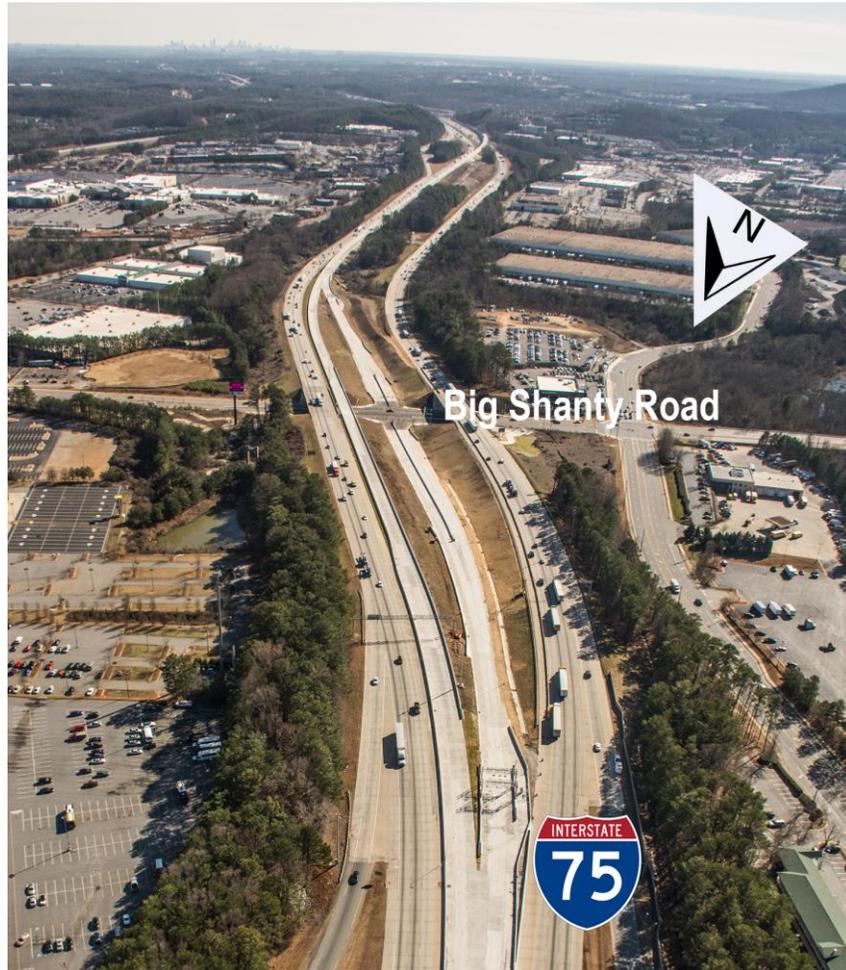
Map is not to scale



Express Lanes Access – I-75 South Metro



Dedicated Access – Big Shanty Road



Dedicated Access – Big Shanty Road



Dedicated Access – Hickory Grove Road

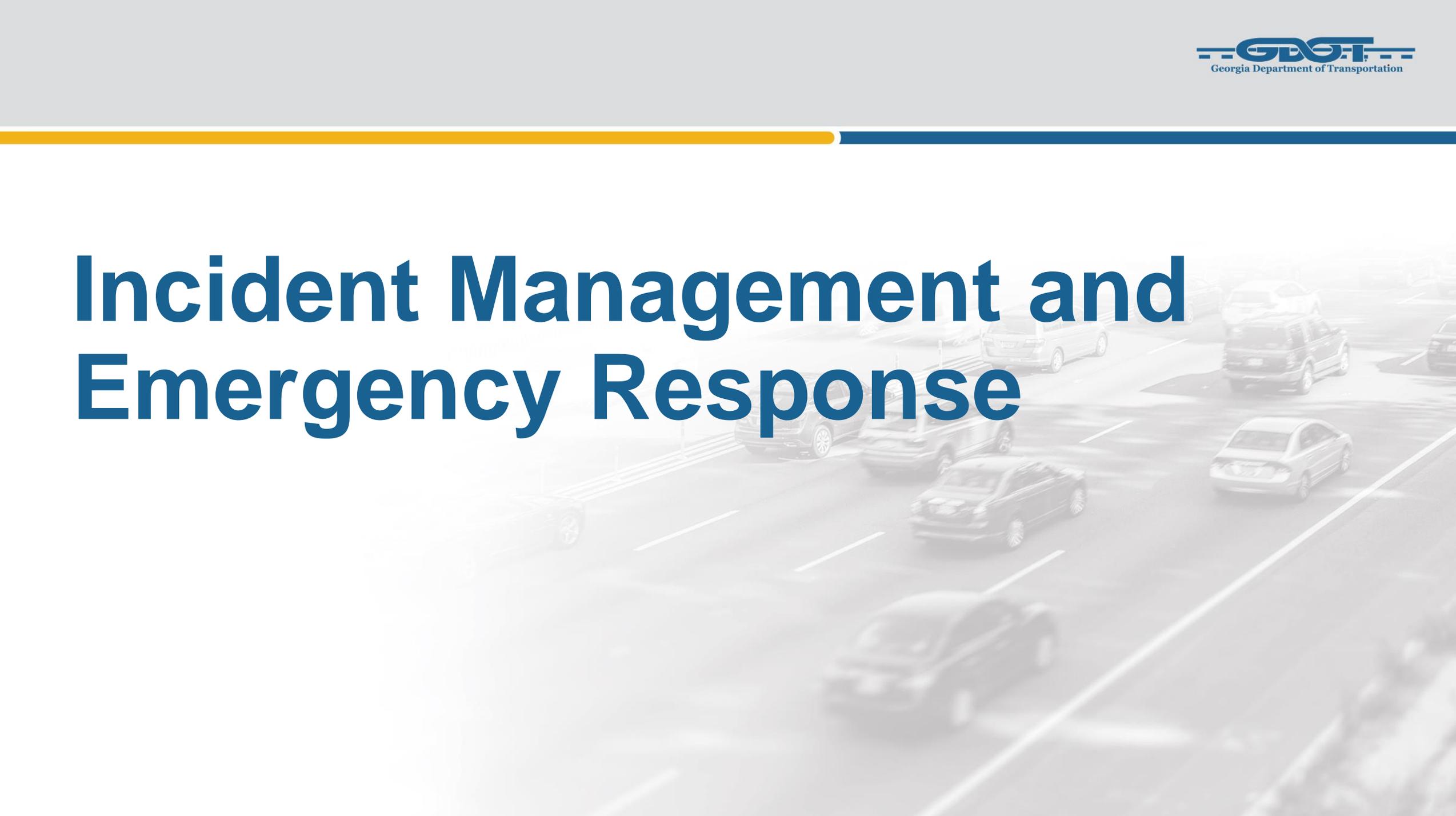


Slip Ramp Access – I-575



Express Lanes Gates – I-75 South Metro



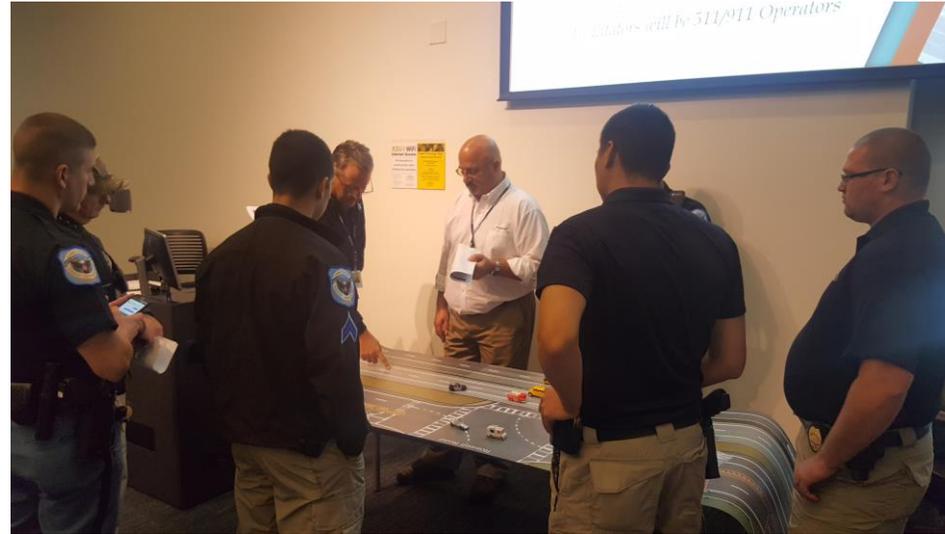


Incident Management and Emergency Response

Emergency Access Gates



Incident Response: Training Underway



Transportation Management Center



Preparations for Operations and Pricing



Coordination with Stakeholders



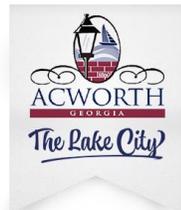
Cobb County



COBB COUNTY



Fire/
Emergency
Services/
HERO



“Go Live” Committee



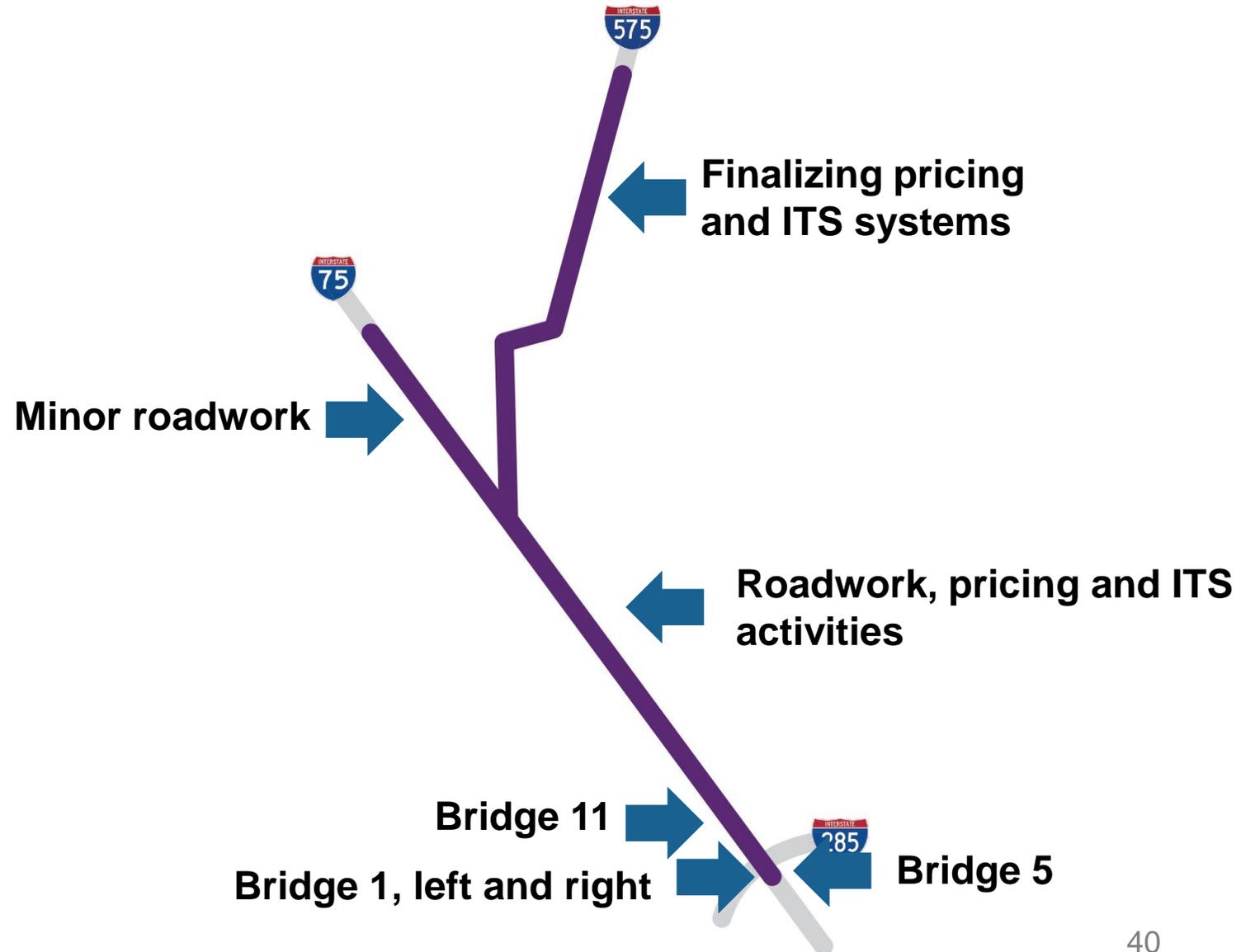
ITS Systems Installation



Next Steps



Upcoming Activities



Questions



Program Contact and Information

Joe Carpenter, P.E.
Division Director of P3

Project Information

www.dot.ga.gov/DS/GEL/NWC

