



Innovative Delivery Program Briefing

July 20, 2016

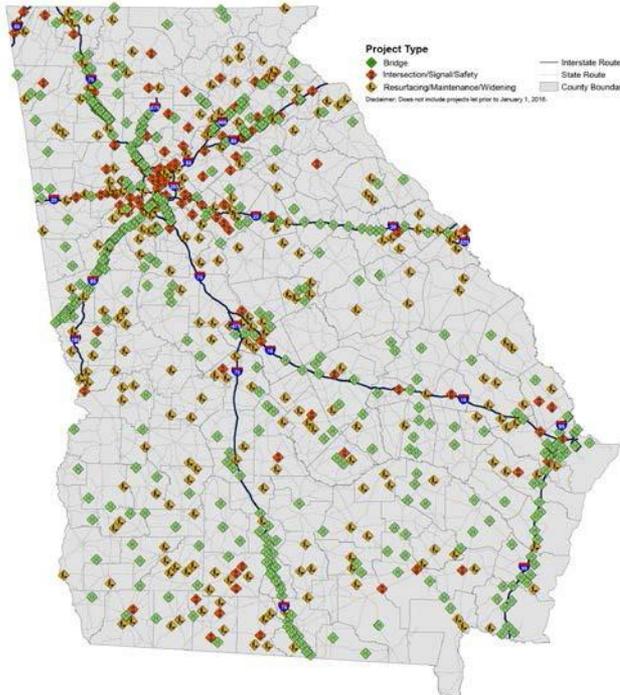
K. Joe Carpenter, Jr., P.E.
Director of P3/Program Delivery



Upcoming Projects



First 18 Months Of Projects



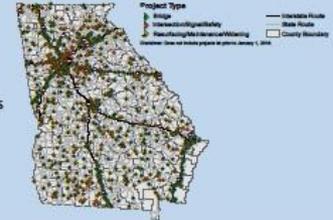
www.GAroads.org



Transportation Funding Act of 2015 (TFA) www.GAroads.org

- Funding to improve Georgia's most critical transportation infrastructure
- Takes care of existing roadway first and foremost
- **Projects to be contracted over NEXT 18 MONTHS (January 2016 - June 2017)**
 - Over 2,500 miles in roadway resurfacing
 - Signal projects and improvements for 109 intersections
 - Hundreds of safety projects: signals, intersections, signs and guardrail replacement
 - 36 roadway widening from 2 to 4 lanes
- **33% Increase to Local Government Improvement Grants (LMIG) for road improvements**

*First 18 Months of Projects Across the State



Bridge Projects

*Prior & Forecasted Funds for Bridge Projects



- Funding nearly **DOUBLED** in FY16
- **More than DOUBLED** by FY17
- **Nearly TRIPLED** by FY18
- Repairing & replacing State AND local bridges
 - Replacing 118 bridges
 - Replacing and maintaining 300+ bridges

Capital Maintenance Projects

*Prior & Forecasted Funds for Resurfacing Projects



- Funding for roadway resurfacing is nearly **QUADRUPLED** in FY16.
- Investment allows for sustainable 15 year major resurfacing cycle, with preventable (routine) maintenance in between.

Routine Maintenance Activities

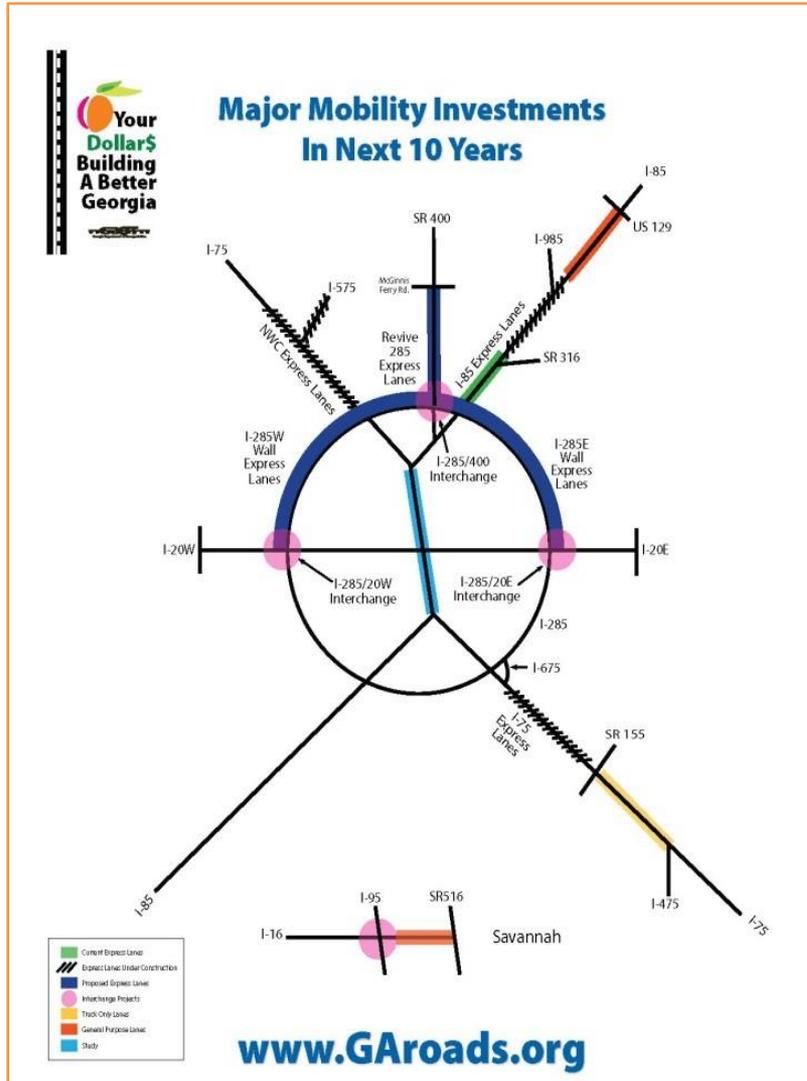
*Prior & Forecasted Funds for Maintenance Projects



- Funding nearly **DOUBLED** in FY16
- Additional \$200 million contracted
- Pavement preservation: crack filling, pot hole repair, concrete slab repair, etc.
- Roadway and guardrail repair
- Clearing right-of-way & roadway of obstructions to improve safety
- Offers significant advantages for small businesses



Upcoming Projects



Transportation Funding Act

Projects	Total Project \$ Estimate (Millions)
I-285/I-20 East Interchange	\$534
I-285/I-20 West Interchange	\$910
I-285 West Wall Express Lanes, I-20 to I-75	\$743
I-285 East Wall Express Lanes, I-85 to I-20	\$659
Revive 285, Express Lanes I-75 to I-85	\$5,996
I-16/95 Interchange & widening I-16: I-95 to I-516 (2 Separate Projects)	\$244
I-75 NB Truck Lanes: SR 155 (McDonough) to I-475	\$2,064
SR400 Express Lanes; I-285 to McGinnis Ferry Road	\$2,420
I-85 North Widening; Hamilton Mill to SR 211	\$261
I-85 North Widening: SR 211 to US 129	\$344



BENEFITS OF MAJOR MOBILITY INVESTMENT PROGRAM*

- 5% delay reduction across transportation network
 - Results in decrease in transportation costs
- Increases Gross State product (GSP) growth by \$2.5 B
 - 13,660 permanent jobs created
 - \$1.1 B additional personal income

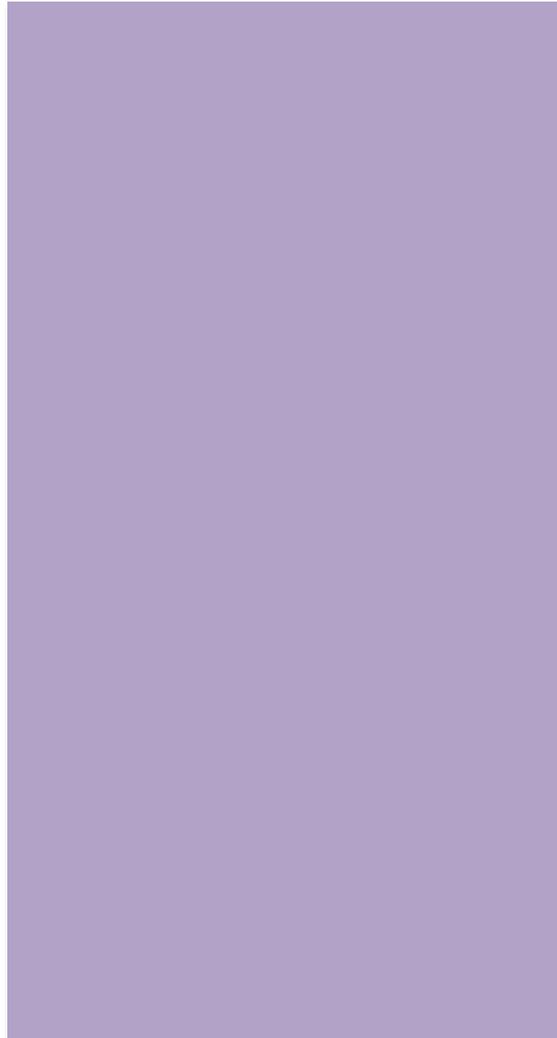
*Benefits pulled from the Cambridge Study summary



High Expectations for Major Mobility Investment Program

MMIP Goals

- Support economic development throughout the state of Georgia
- Improve mobility for people, goods and freight in key transportation corridors statewide, including the metro Atlanta region
- Relieve traffic congestion and improve travel reliability for improved quality of life



“This program will be delivered on time and on budget with high quality. Failure is not an option!”

-Chief Engineer Meg Pirkle



GDOT Innovative Delivery History



General Construction Info

- Construction on the Northwest Corridor Express Lanes Project began in October 2014.
- The project team is working in earnest to inform the public about where work will be occurring and any impact that it will have on the traveling public.
- These construction notices, including any lane shifts and closures, are proactively communicated in advance through Georgia DOT's Georgia Express Lanes website at www.dot.ga.gov/DS/GEL/NWC, Georgia Navigator 311, social media and our local print and broadcast news outlets.
- Georgia DOT works diligently to minimize impacts to the public as much as possible.
- Most of the work for this project will occur off of the existing roadway and in the median.
- Crews are restricted from working in travel lanes during peak travel times and on holidays.
- Georgia DOT is working closely with our partners including city and county governments, community improvement districts, transit agencies, businesses, and community groups to ensure that construction updates are readily available and widely communicated.

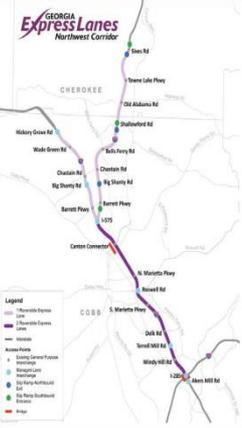
Contact

NWC Express Lanes Project
Georgia Department of Transportation
Northwest Corridor Office
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Marietta, GA 30067
678-496-3167
northwestcorridor@dot.ga.gov

www.dot.ga.gov/expresslanes

Construction Overview

Project Area



Motorists, please be advised that construction activities are now taking place throughout the entire project corridor.

Current construction work includes:

- Bridge, wall and ramp work, as well as installation of signage to assist the public in navigating the construction areas.
- I-75/I-285 interchange bridge work includes deck, embankment, subgrade, base, and paving.
- I-75 Southbound will be shifted to new pavement and bridge over Terrell Hill Road, from Dahl Road to Windy Hill Road.
- Construction will occur along the west side of the I-75 right-of-way, from the I-285 interchange north to the I-75/I-575 split. I-575 construction will be in the I-575 median, and will occur from the I-75/I-575 split north to Six Road in Cherokee County.

Construction work may include lane shifts and temporary closures.

I-75 – Northwest Corridor Express Lanes



SR 316 at Walther Boulevard Grade Separation



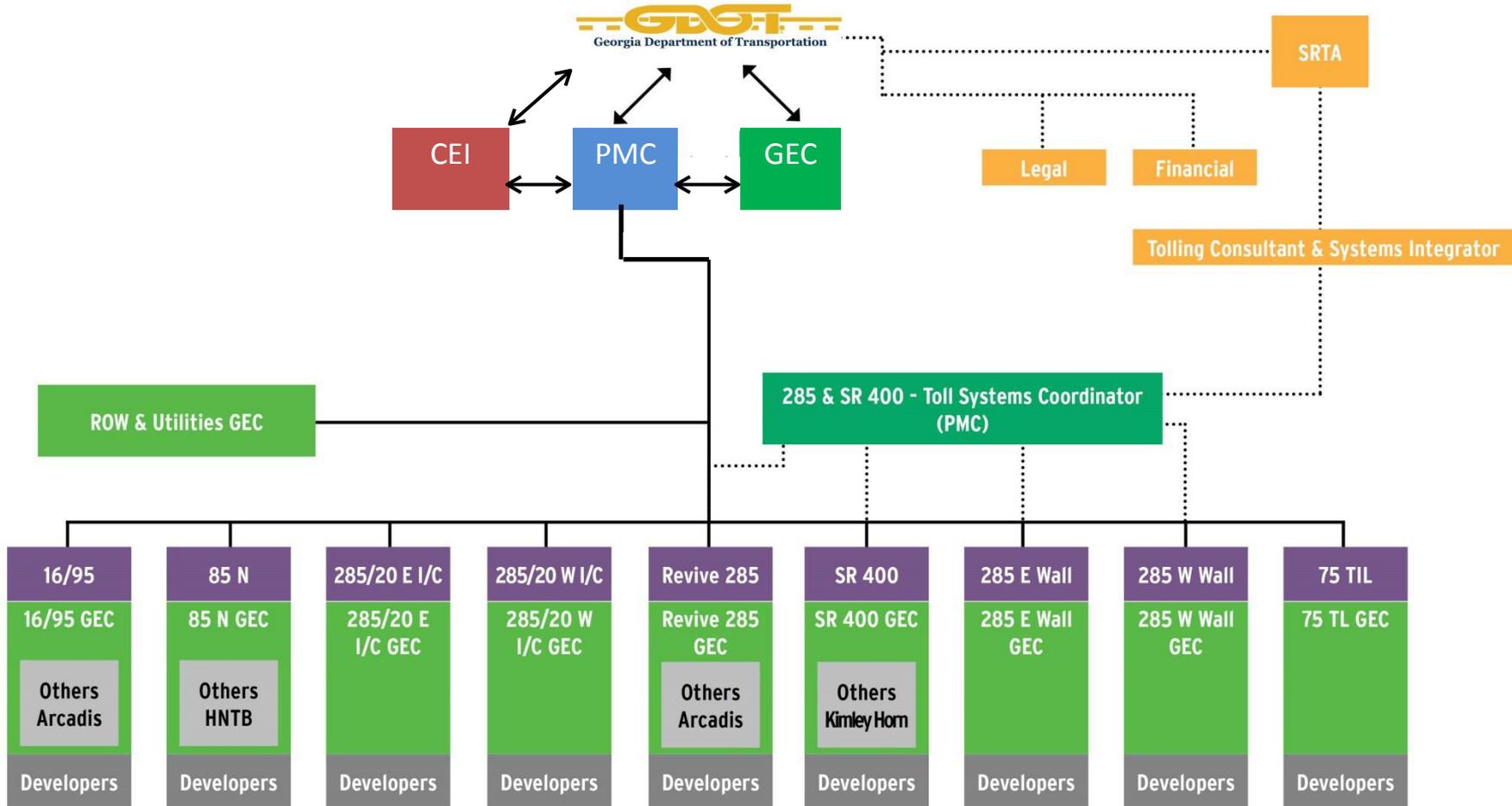
Safe Routes to Schools



SR 47 at Little River Bridge Replacement



I-285/SR 400 Interchange





Why this Model?

- Expands on Proven Approach
 - Accountability
 - Credibility
 - Inclusiveness
 - Innovation
 - Transparency
 - Teamwork
 - Respect
 - Continuous Improvement
- Allows for Strong Owner (GDOT) with Limited Staff
 - Program Management Consultant (PMC) assumes some traditional GDOT roles, responsibilities and authorities



Potential Magnitude – Consultant Opportunities*

- Owners Representative (\$500 - \$700 M)*
 - Programmatic PMC
 - Programmatic GEC
 - Programmatic CEI
 - MMIP GEC's
- Developer's Team (\$150 - \$300)*
 - Final Design Services
 - QC/CEI Services

**Over the next 5 years*



DBE and Small Business Programs

- Great opportunity to grow Georgia businesses
- Build on NWC and I-285/SR-400 successes
- Incorporate lessons learned and feedback from one-on-one meetings
- Collaboratively developed goals and specific targets
- Continuously monitored to ensure achievement of meaningful participation and firm's growth



Illustrative Procurement Schedule

- PMC
 - Summer 2016 RFQ
- Programmatic GEC
 - Fall 2016 RFQ
- Programmatic CEI
 - Spring 2017
- MMIP GEC RFQ's
 - Wave 1 – Spring 2017
 - Wave 2 – Fall 2017
 - Wave 3 – Spring 2018
 - Wave 4 – Fall 2018
- Others TBD



NWC Aerial View Looking Northeast





NWC Aerial View Looking North





Questions?

