Presentation Overview

• Alternative Delivery Background
• Legacy Projects Update
• Major Mobility Investment Program (MMIP)
  • Program Overview
  • Consultant Opportunities
  • FY 2018 Project Updates
  • Engagement and Collaboration Activities
• Upcoming Activities
Addressing Transportation Needs – Innovation and Collaboration

Innovative Delivery and Financing

Focus on Connectivity for the Future

Current and Future Regional Collaboration
Legacy Projects

GEORGIA Express Lanes
Northwest Corridor

GEORGIA Express Lanes
I-85 Extension

BETTER CONNECTIONS
TRANSFORM
285-400
Northwest Corridor Construction

Schedule:
Opening to traffic

85% Complete

Roadway Construction on Schedule

Current Bridge Construction
South of Windy Hill Road

Express Lanes Nearly Complete
I-575

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

Map is not to scale
Northwest Corridor Construction – On Schedule

39 Bridges:

- 33 complete
- 6 under construction
- 91% (199 of 219) bridge deck spans complete

68 Retaining Walls:

- 58 complete
- 10 under construction
Northwest Corridor Construction
Northwest Corridor Construction

Nighttime beam setting at I-75/I-285 interchange
Northwest Corridor Construction

Construction at the I-75/I-285 interchange
Northwest Corridor Construction

I-75/I-285 Interchange

General Purpose

Express Lanes
I-85 Extension

10 miles of newly constructed roadway

Schedule:
Opening to traffic

1 new northbound lane
1 new southbound lane (HOT 3+)

Additional auxiliary lanes will provide better traffic flow

Limits of Existing Express Lanes
I-85 Express Lanes Extension

**Bridge Construction:**
- 3 bridges
  - SR 20 widening: 100% completed
  - NB Express Lane over I-985: 17% completed
  - I-85 SB over I-985: 39% completed

**Noise Barrier Wall Construction:**
- 9 walls
  - 26% completed

**Asphalt Placement:**
- 56% completed
I-85 Express Lanes Extension

Newly widened bridge for I-85 Express Lanes
I-85 Express Lanes Extension

Asphalt paving and median barrier footing north of SR 20
I-85 Express Lanes Extension

Median grading north of I-985
Transform 285/400
Transform 285/400 Construction

Schedule:
Estimated Construction Completion

Mid 2020
Current and Upcoming Activities

Current Work:
- Mount Vernon Highway bridge over SR 400 replacement
- SR 400 and I-285 site preparation & tree clearing
- Daily Flexible Shoulder Lane (flex lane) closures
- Utility relocations

Upcoming Work:
- Grading on SR 400
- Construction of drainage and retaining walls on SR 400
- Permanent flex lane closures
- Detours within the I-285/SR 400 interchange
Existing I-285/SR 400 Interchange
Proposed I-285/SR 400 Interchange
Project Progress

Sandy Springs
Project Progress
Major Mobility Investment Program (MMIP)
Major Mobility Investment Program (MMIP)

$11 Billion Program

11 projects under contract in 10 years (by 2026)

Uses Innovative Delivery and Public-Private Partnerships to accelerate projects
MMIP Projects

- 3 Major Interchange Projects
- 4 Major Express Lanes Projects
- 3 Major Interstate Widening Projects
- 1 Commercial Vehicle Lanes Project
One of the Largest Programs in Country

11 Projects
$11 Billion
Under Contract in 10 Years
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 East Wall
  - I-85 to I-20
- I-285 West Wall
  - I-20 to I-75

Interstate Widening:
- I-85 North
  - Hamilton Mill Rd. to SR 211
- I-16
  - I-95 to I-516
- I-85 North
  - SR 211 to US 129

Commercial Vehicle Lanes:
- I-75
  - SR 155 to I-475

Legend:
- Engineering, Environmental, Design, Right-of-Way
- Final Design, Right-of-Way, Construction
- Est. Construction Start

The Design-Build process compresses project schedules by overlapping activities in the design and construction phases.
FY 2018 Project Updates
I-85 Widening
I-16 Widening and I-16/I-95 Interchange Improvements
**I-85 Widening**

• Early MMIP Project
  - Provides an additional general purpose lane in each direction
  - Replaces three off-system overpass bridges and two mainline bridges along I-85

• Status: Apparent Best Proposer Selected
  - C.W. Matthews (ICE) - $114.7M
    - DBE Goal: 13%
  - Best value, variable scope procurement approach resulting in a **4-mile addition of capacity** (16 total miles)
  - This advanced project to the next interchange, which is where the Amazon warehouse is located
  - Process allows for multiple segments of traffic to open early
I-85 Widening Project

Bridges:
- 5 Replaced

New Lanes:
- 1 General Purpose Lane in Each Direction

Retaining Walls:
- 2 Proposed

Median Walls:
- 1 Proposed

Noise Walls:
- 10 Proposed

Cost:
- Total Construction Costs $135M

Procurement:
- Design-Build
I-16 Widening and I-16/I-95 Interchange Improvement Projects

Early MMIP Project

- Reconstruct the busy I-16/I-95 interchange to improve safety and traffic flow
- Widen I-16 from 4-6 lanes from I-95 to I-516 to ease congestion
- Opportunity to reconstruct Dean Forest Road interchange if funds and bids align

Status: Procurement Phase
I-16/I-95 Improvements

Bridges:
- 2 flyover bridges
- 4 mainline bridges
- 2 bridges at Dean Forest Road

New Lanes:
- 2 loop ramps replaced with flyover bridges
- 1 collector-distributor (CD) lane
- 1 general purpose lane in each direction

Improvements:
- ITS technology
- New lighting

Cost:
- I-16: $319M
- Dean Forest DDI: $28M

Procurement:
- Best Value Procurement
- Design-Build Delivery

Retaining Walls:
- 9 Walls
I-16/I-95 Interchange Schematic
Engagement and Collaboration Actions
Industry Engagement

IBTTA Annual 85th Annual Meeting & Exhibition
Community Collaboration

Developing Synergies for Success

Gathering Input

Building Awareness

Collaborating with Partners
Transit Partnership
DBE Engagement

Outreach
Mentoring
Readiness
Key Upcoming Activities

- **Aligning GEC Teams for Success**: Ongoing
- **STIP Approval**: Fall 2017
- **Procure Remaining GEC Contracts**: Fall 2017
- **Northwest Corridor Express Lanes Open**: Summer 2018
- **I-85 Express Lanes Extension Open**: Fall 2018

*Focus on Delivery*
Program Contact and Information

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Program Information
www.garoads.org
www.dot.ga.gov/BS/Projects/MMIP