GDOT Design Build Bridge Program
Fiscal Year 2016 Bridges
Program Overview

- Recent Transportation Funding History and Impetus for Program
- Program Methodology
- Project Release
- Project Award and Implementation
State of Georgia’s Transportation Systems

✓ 10th Largest Transportation Network
✓ 8th Most Populous State
✓ 46th in fuel tax
✓ 49th in per capita spending on transportation
Program Funding

Transportation Funding Act of 2015

✓ Raised fuel tax
✓ $5/night fee on hotel stays
✓ Elimination of tax breaks
✓ Other fees
 Program Funding

- Total amount of money allocated
  - $1 billion per year
- What to do with the additional funds?
  - Maintenance
  - Bridges
Bridge Funding

Bridge Investment

Source: Information from Transportation Funding Act, GDOT
State of Bridges in Georgia

- 15,000 bridges with an average age of 44 years
- System bridges in good shape
- Off-system bridges
  - Approximately 1,500 local bridges posted
Why Design Build?

- Speed
- All State Funding: allows for more flexibility
- Standard Specification Design
- Program Management Consultant
Choosing Sites

Bridges in need of replacement

Ben Hill County
Choosing Sites

Atkinson County
Choosing Sites

Grady County
Choosing Sites

Pike County
Choosing Sites

- Sites that allowed for full road closure: FY2016 outages tend to range from 90 to 120 days
- No additional Right-of-Way
- Limited Utility Impacts
- Limited Environmental and Historical Impacts
Bridge Sites
Implementation

- PNA: 10/16/2015
- Industry Forum and One-on-One Meetings: 11/5/2015
Implementation

RFQ Process
- Issued: 01/08/2016
- Deadline for SOQs: 02/05/2016
- Notice to Finalists: 02/19/2016

RFP Process
- Draft RFP: 03/25/2016
- Final RFP: 04/22/2016
- RFP Due/Letting: 06/17/2016
RFQ Phase

- Members of the team
- Selection Criteria
- Submittal Package
RFP Phase

- Information Provided
  - RFP Document
  - Costing Plans
  - Site Specific Criteria
  - Design Variances
  - Utility Information
  - Environmental Information
  - Survey
RFP Phase

- Selection Criteria
  - Technical Proposal
  - Price
Neel-Schaffer/Southern Concrete Team Wins Batches 4 and 5

- 11 Bridges Total
- 3 Years to Complete
Before Design

- Design Quality Management Plan
- Schedule
- Schedule of Values
- Utility Kick-Off Meeting
Site Specific Design

- Hydraulic Report and Preliminary Bridge Layout
- Preliminary Roadway Plans
- Bridge Foundation Investigation
- Field Plan Review
- “Lockdown Plans”
Site Specific Design

- Environmental Submittals
- Final Bridge Plans
- Shop Drawings
- Release for Construction Plans
Construction

- 60-day warning to County
- 30-day warning of bridge closure
- Non-conformance Reports
- As-Built Drawings
Future GDOT Bridge Design Builds

- Fiscal Year 2017: only 2 Batches
- I-85 Bundles
- Courtland Street Bridge (ABC)
Questions

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