



I-24 Bridge Replacement GDOT's ABC Pilot Project

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Disclaimer Statement

This project is in active procurement. The goal with this presentation is to simply share information about the project's scope and delivery goals. **Any information shared by Department shall be considered as informational only.**

Proactive & Innovative

- GDOT's ABC Pilot Project
- Why SR 299 over I-24?





Project Location



Project Location



Project Goals

- Improve:
 - Site Constructability
 - Total Project Delivery Time
 - Work-zone Safety for the Traveling Public
- Reduce:
 - Traffic Impacts
 - Onsite Construction Time
 - Weather-related Time Delays
- Provide:
 - Pilot Project for the State of Georgia



Project Scope

- Design & Construction of SR 299 Bridge over I-24
 - 18-month Contract Duration (Design & Construction)
 - Bridge to be Replaced on the Existing Alignment
 - AT&T Early Relocation
 - All Construction Activity within Existing Right-of-Way
- Contractor Shall Use One of Two ABC Methods
 - Slide-in
 - Self-Propelled Modular Transport (SPMT)



Maintenance of Traffic Scope

- The Design-Build Team will be limited to a 56 hour closure of SR 299
 - Detour Meeting
 - Outreach with Tennessee
- 2 lanes of traffic must be maintained in each direction on I-24 during the ABC Period.
 - Anticipated to require 2 traffic crossovers in the median of I-24 to remove and replace the two bridge spans.
 - Pavement work for these crossovers will be allowed prior to the SR 299 weekend closure.

Design Build / Best Value

- Technical Proposal: 25%
 - Technical Score is 250 points out of 1000 overall
 - Evaluation Criteria
 - Schedule Evaluation (70 points)
 - Project Management Plan Evaluation (40 points)
 - Maintenance of Traffic Evaluation (100 points)
 - Technical Approach Evaluation (40 points)
- Price Proposal: 75%
 - Raw Score is based on a 1000 maximum total points where the Lowest Price Proposal receives 1000 maximum total points
 - Formula:
$$\text{Price Score} = 0.75 * (\text{Price Proposal}_{\text{Lowest Bid}} \div \text{Price Proposal}_{\text{Respective Proposer's Bid}}) * 1000$$



Look Ahead: Alternative Delivery

- Monitor performance of SR 299 @ I-24
- Evaluate other locations for ABC
- FY 16 Design-Build
 - 25 Bridges
 - Up to 5 Design Build Contracts
(4 - 6 Bridges per Contract)
 - State Funds
 - Low Impact
- For more information:
<http://www.dot.ga.gov/PS/Innovative/DesignBuild>



Questions