

# I-85 Managed Lanes Extension Industry Forum

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**October 21, 2014**



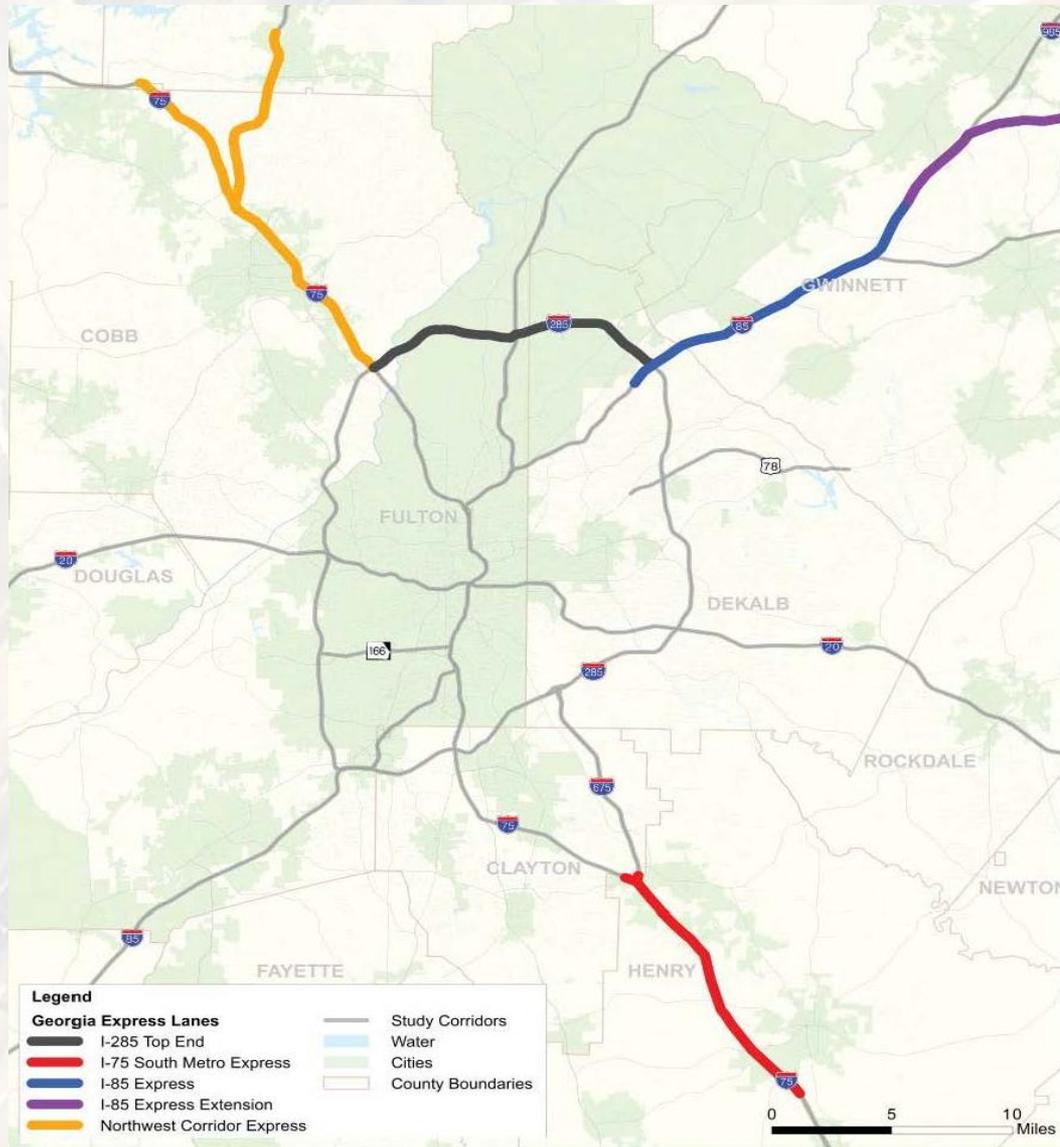
# Disclaimer Statement

At this meeting the Department will provide information about the project's delivery goals, anticipated scope, anticipated Design-Build procurement process, and potential risks. Participants will be encouraged to ask questions during this meeting; however any information provided by Department shall be considered as informational only and is subject to change.

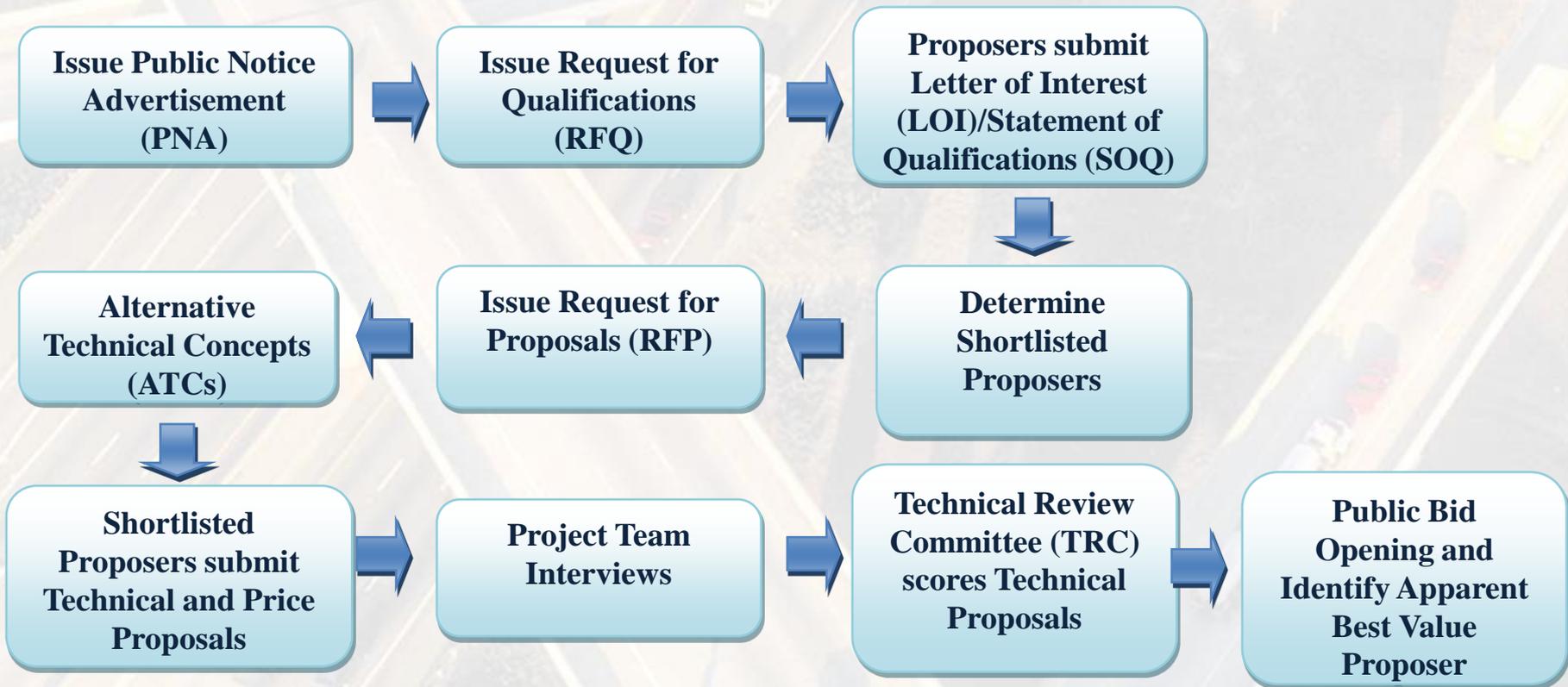
# Design-Build Overview

- Design-Build
  - Combines design engineering and other preconstruction related services with construction services into a single contract.
  - Allows the contractor to participate in the project's design in an effort to reduce costs, improve communication and expedite project delivery.
- Governed by
  - 23 Code of Federal Regulations (CFR) Part 636
  - Georgia Code Section 32-2-81 (*Enacted 2004*)
  - Board Rules, Chapter 672-18 (*Adopted 2006 & 2013*)
- Design-Build Manual

# Managed Lanes



# Anticipated Procurement Process



# Anticipated SOQ Evaluation Criteria

- Must demonstrate required Consultant Area Classes
- Relevant project experience, qualifications, and availability of the:
  - Lead Design Consultant
  - Lead Design Consultant Project Manager
  - Lead Contractor
  - Lead Contractor Project Manager
  - Select Key Team Leaders (Tolling/ ITS)
- Suitability to provide services for project
- Past performance
- Shortlist 3-5 Highest Qualified teams

# **I-85 Managed Lanes Extension Industry Forum PI 110600-**

**Andrew Hoenig, P.E.**  
Innovative Delivery  
Georgia Department of Transportation

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# Anticipated Best Value Selection Criteria

- Technical Proposal - 25%
  - Technical Score is based on a 250 maximum total points
  - Maximum Technical Proposal Score =  $1000 \times 25\% = 250$
  - Evaluation Criteria may include:
    - Schedule / Duration
    - Traffic Control / Maintenance of Traffic
    - Project Management Plan
    - DBE Approach (14% DBE goal)
- Price Proposal - 75%
  - The Price Proposal Score is based on a 750 maximum total points where the Lowest Price Proposal receives 750 maximum total points
  - Price Proposal Score =  $(\text{Price Proposal}_{\text{Lowest Bid}} \div \text{Price Proposal}_{\text{Respective Proposer's Bid}}) \times 750.00$

# Technical Proposal

## Anticipated Evaluation Sections

- Schedule/ Duration (110 points)
  - DB Team must provide acceptable schedule
  - Early opening of Tolling Infrastructure facilities
- Traffic Control/ Maintenance of Traffic (50 points)
  - Less impacts to travelling public
  - Priority to SB I-85 GP bridge
  - Early opening of GP improvements
- Project Management Approach and Plan (70 points)
  - Interview
  - SRTA collaboration
- DBE Approach (20 points)
  - 14% DBE goal on the project (pass/fail)
  - Achieving DBE goal throughout life of the project
  - Utilizing DBEs in a variety of ways

# Anticipated Best Value Selection Criteria Example

Example					
	Technical Proposal <u>25% Weighting</u>	Price Proposal <u>75% Weighting</u>			
Proposer	Technical Proposal Score	Price Proposal	Price Proposal Score	Combined Score	Ranking
1	205	\$98,000,000.00	730.87	935.87	2
2	185	\$95,500,000.00	750.00	935.00	3
3	230	\$101,000,000.00	709.16	939.16	1

# Anticipated Stipulated Fee

- \$200,000 approved stipulated fee
- 0.2% of the anticipated Design-Build Contract Value per Table 1.2 of the Design-Build Manual below:

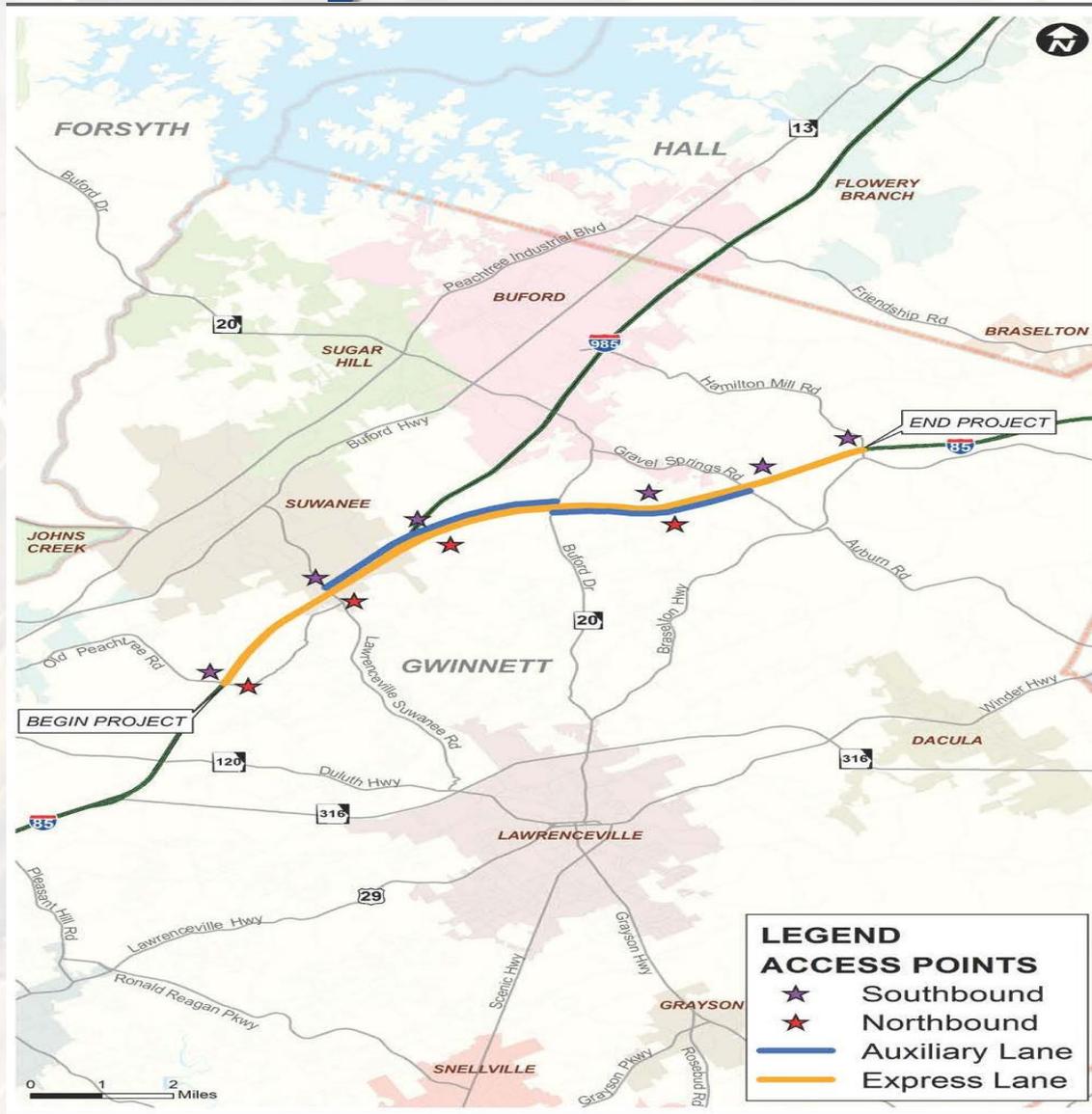
Table 1.2 Stipulated Fee Amount

Design-Build Estimated Contract Value	Best Value	Two Phase Low Bid (w/ Shortlist)	Two Phase Low Bid (all qualified)	One Phase Low Bid
>\$50M	0.2 % Minimum 0.2 % Recommended	0.1 % Minimum 0.2 % Recommended	0.0 % Minimum 0.1 % Recommended	No Stipulated Fee
<\$50M	0.2 % Minimum 0.4 % Recommended	0.1 % Minimum 0.2 % Recommended	0.0 % Minimum 0.1 % Recommended	No Stipulated Fee

# Tentative Schedule of Events

a. GDOT issues Public Notice Advertisement	09/17/2014	Complete
<b>b. Industry Forum (to be held at GDOT in Room 403/404)</b>	<b>10/21/2014</b>	<b>10:00 AM</b>
c. GDOT issues Request for Qualifications (RFQ)	12/12/2014	-----
d. Deadline for submission of written questions and Requests for Clarification	01/02/2015	2:00 PM
e. Deadline for submission of Letter of Interest (LOI)/Statement of Qualifications (SOQ)	01/16/2015	2:00 PM
f. GDOT issues the Notice to Finalists	02/06/2015	-----
g. GDOT issues the Request for Proposals (RFP) to the Finalists	02/13/2015	-----
h. Deadline for receipt of price and technical proposals	06/12/2015	2:00 PM
i. GDOT letting (publically open price proposals)	06/26/2015	-----

# Project Location



# Anticipated Project Scope

- Max 30-month Contract Duration (Design & Construction)
  - Groundbreaking anticipated Quarter 1, 2016
  - Completion date anticipated Quarter 1, 2018
- Widen I-85 to the outside south of I-985
  - Add one Managed Lane SB and NB
  - Same number of total GP lanes
- Widen I-85 to the inside north of I-985
  - Add one Managed lane SB and NB
  - Buffer area between GP and ML varies from 2-ft to 14-ft
- Auxiliary Lane NB from SR 20 to SR 324
- Auxiliary Lane SB from SR 20 to SR 317
- New bridge carrying I-85 ML NB over I-985 NB GP exit
- Bridge replacement for I-85 SB GP lanes over I-985 exit

# I-85 at I-985 Interchange



# Anticipated Project Scope (2)

- Nighttime lane closures only
- Widen GP lane(s) before conversion of ML
- ITS Requirements
  - New ITS Hubs near I-985 and Hamilton Mill interchange
  - Ramp meters at SR 317 NB and at Hamilton Mill
  - ITS duct bank along both sides of I-85, crossovers at SR 20 and Hamilton Mill
- Design Exceptions
  - Sag vertical curves
  - Outside Shoulder width
  - Inside Shoulder width

# Anticipated Project Risks

- All Construction within Existing Right-of-Way
- MS4
- NEPA (approval expected May 2015)
- Utilities (Multiple high-risk crossings of I-85)
- Maintenance of Traffic
- State Road and Tollway Authority coordination
- Geotechnical
- FY 2015 Let Date



# Questions

## **Design-Build Contact Information**

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## **Design-Build Webpage**

<http://www.dot.ga.gov/doingbusiness/pages/designbuild.aspx>