

Mainline Weigh-in-Motion (WIM) Industry Forum PI 0012683

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November 15, 2013



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 allowed the opportunity 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
- 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*)

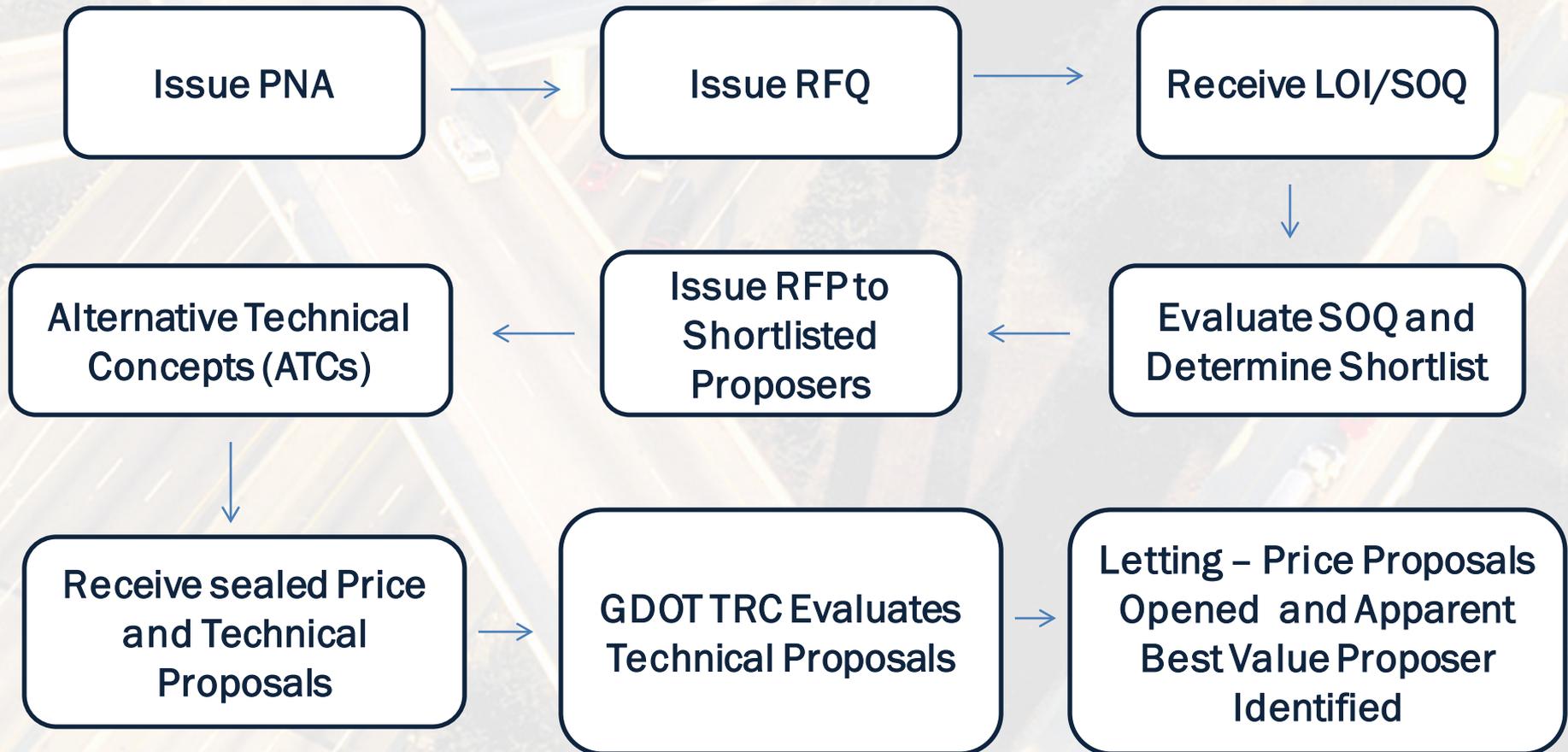
Design-Build Overview

Design-Build (DB) combines design engineering and other preconstruction services with construction services into a single contract. DB is regulated at GDOT by state statute, FHWA regulations, and by State Transportation Board Rules. DB projects allow the contractor to participate in the project's design in an effort to reduce costs, improve communication and expedite project delivery.

WIM Project Goals

- Expedited delivery
- Integration of a virtual WIM system which
 - Seamlessly provides data in a format that meets the needs of all stakeholders
 - Has a high reliability rate
 - Is relatively simple to maintain where routine maintenance can be performed by GDOT
 - Will easily allow the integration of future WIM system sites

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
 - Key Team Leaders
- Suitability to provide services for project
- Past performance

Anticipated Best Value Selection Criteria

- Technical Proposal - 30%
 - Raw Score is based on a 1000 maximum total points
 - Technical Score = Raw Score * 30%
 - Evaluation Criteria may include:
 - Schedule
 - Warranty
 - Ease of Maintenance
 - Software Integration Plan
- Price Proposal - 70%
 - Raw Score is based on a 1000 maximum total points where the Lowest Price Proposal receives 1000 maximum total points
 - Raw Score = $(\text{Price Proposal}_{\text{Lowest Bid}} \div \text{Price Proposal}_{\text{Respective Proposer's Bid}}) * 1000.00$
 - Price Score = Raw Score * 70%

Anticipated Best Value Selection Criteria Example

Example						
	Technical Proposal <u>30% Weighting</u>		Price Proposal <u>70% Weighting</u>			
Proposer	Raw Score	Weighted Score	Price	Raw Score	Weighted Score	Highest Combined Score
1	800	240	\$20,000,000	1000	700	940
2	900	270	\$22,000,000	909	636	906
3	850	255	\$27,000,000	815	570	825

Anticipated Stipend

- Amount to be disclosed in the RFQ
- 0.2% of the anticipated Design-Build contract value

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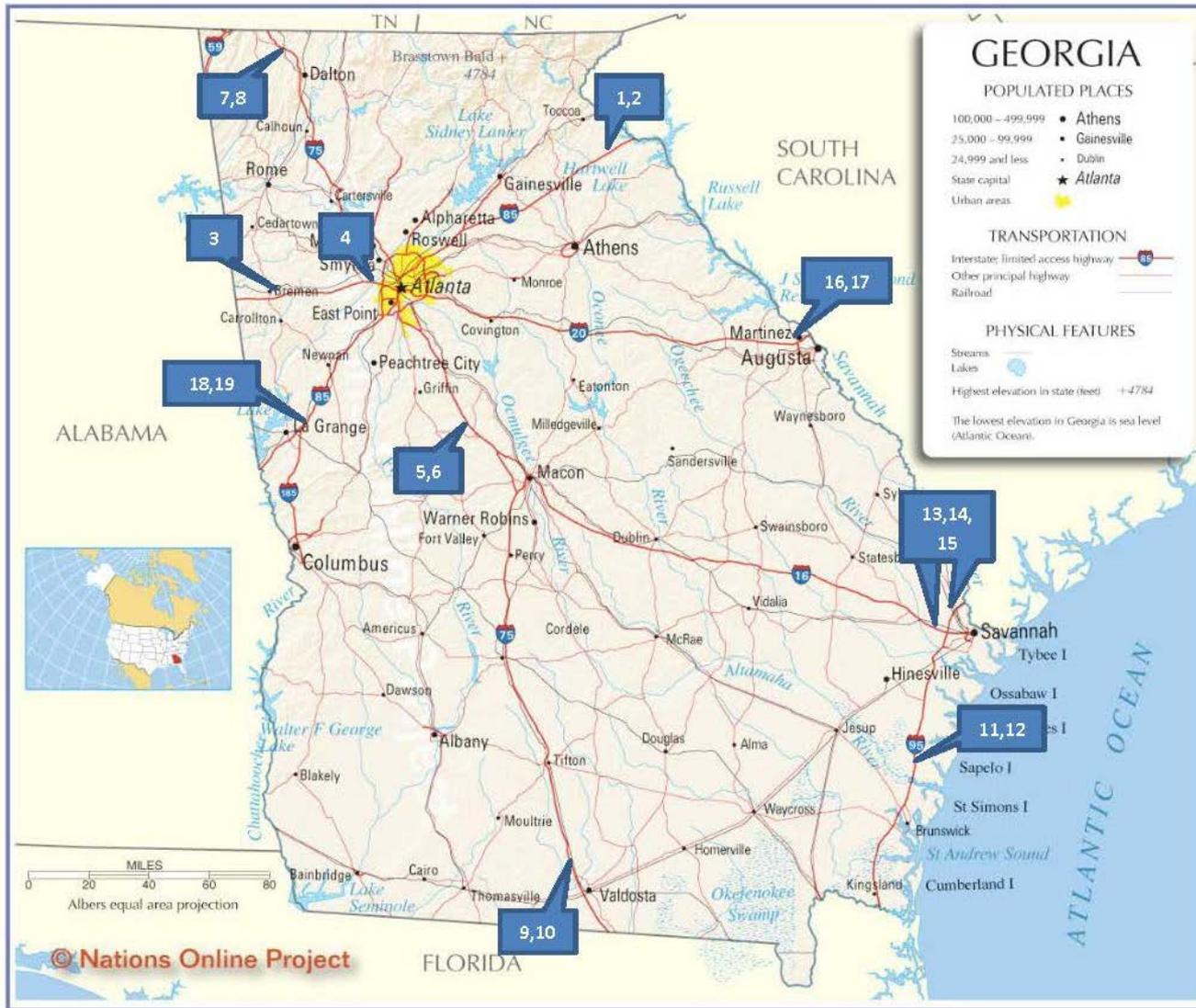
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Anticipated Project Scope

- Design, construction and integration related services necessary to install mainline Weigh-in-Motion system including:
 - Mainline scales
 - Cameras
 - Over-height detection
 - Power/internet connection
 - Signage, including driver indication signage
 - Traffic data classifier
- Mainline WIM scales should be located approximately one (1) mile upstream of each weigh station.

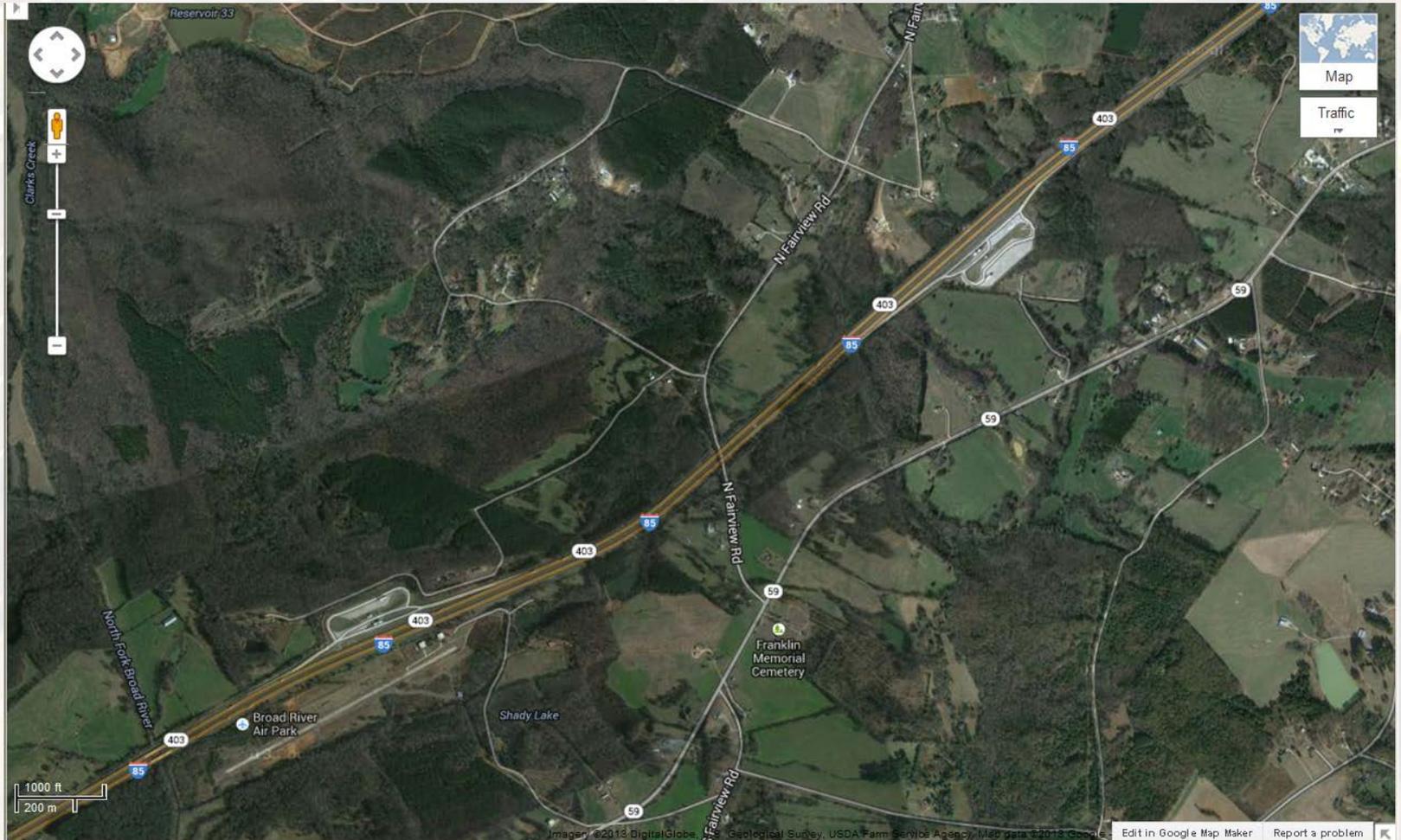
Weigh Station Locations



#	Route	County	Mile
1	I-85 NB	Franklin	171
2	I-85 SB	Franklin	169.5
3	I-20 WB	Carroll	15
4	I-20 EB	Douglas	42
5	I-75 NB	Monroe	190
6	I-75 SB	Monroe	190
7	I-75 NB	Catoosa	342
8	I-75 SB	Catoosa	342
9	I-75 NB	Lowndes	23
10	I-75 SB	Lowndes	23
11	I-95 NB	McIntosh	54
12	I-95 SB	McIntosh	54
13	I-16 EB	Bryan	144
14	I-16 WB	Bryan	144
15	I-95 SB	Chatham	110.5
16	I-20 EB	Columbia	187.5
17	I-20 WB	Columbia	187.8
18	I-85 NB	Troup	22.5
19	I-85 SB	Troup	22.5

Project Location

- Franklin County (I-85 NB and SB)



Possible Additional Locations

- Carroll County (I-20 WB)



Possible Additional Locations

- Monroe County (I-75 NB and SB)



Anticipated Project Scope - Software Integration

- The Design-Build team will purchase and customize or build software for the collection and dissemination of real time WIM data in a format which meets the needs of all designated stakeholders, which may include:
 - Various GDOT Offices
 - Georgia Department of Public Safety
 - Federal Highway Administration

Anticipated Project Scope - Maintenance

- The Design-Build team will train at least 10 Department-designated persons to operate and maintain (including calibration) the Weigh-in-Motion system.
- The Design-Build team will provide GDOT with a complete spare-parts list, with pricing, for lifecycle maintenance.

Anticipated Project Risks

- Right-of-Way
- NEPA
- Utilities
- Maintenance of Traffic
- Software Integration
- New procurement method
- Budget
- Geotech

Tentative Schedule of Events

a. GDOT issues Public Notice Advertisement	10/25/2013	Complete
b. Industry Forum (to be held at GDOT in Room 403/404)	11/15/2013	11:00 AM
c. GDOT issues Request for Qualifications (RFQ)	12/6/2013	-----
d. Deadline for submission of written questions and Requests for Clarification	12/16/2013	2:00 PM
e. Deadline for submission of Letter of Interest (LOI)/Statement of Qualifications (SOQ)	1/8/2014	2:00 PM
f. GDOT issues the Notice to Finalists	2/5/2014	-----
g. GDOT issues the Request for Proposals (RFP) to the Finalists	2/21/2014	-----
h. Deadline for receipt of price and technical proposals	5/2/2014	2:00 PM
i. GDOT letting (publically open price proposals)	5/16/2014	-----

Design-Build Contact Information

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Design-Build Webpage

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