

MD 32 (PHASE 1)

From MD 108 to north of Linden
Church Road

Design-Build Project
Contract No. HO1415170

Industry Informational Meeting
June 17, 2016

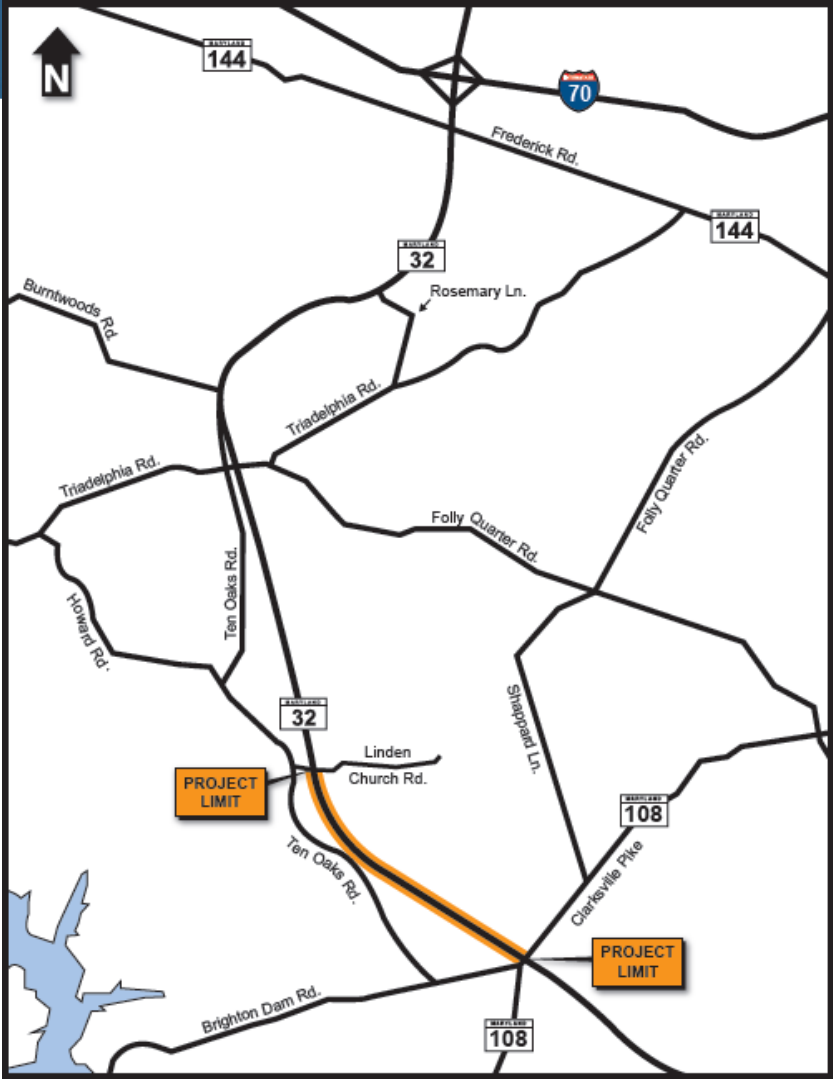
Presentation Overview

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Project Overview

- Project Location
 - Howard County
- MD 32 Phase 1 Project Limits
 - MD 108 to North of Linden Church Road
 - Total Mileage +/- 3.0 miles


Location Map



Project History – 1

- Final Environmental Impact Study (FEIS) for MD 32 Corridor from MD 108 to I-70 was approved in 2005.
- The purpose of the MD 32 Planning Study is to improve safety and capacity throughout the corridor while attempting to minimize right-of-way impacts and environmental impacts.

Project History – 2

- Project development was phased due to funding constraints:
 - Burntwoods Road Interchange – COMPLETE
 - Linden Church Road Interchange – COMPLETE
 - Nixon Farm Mitigation Site – COMPLETE
 - Wellworth Way Service Road – Under Construction
 - Phase 1 – MD 108 to North of Linden Church Road 
 - Phase 2 – Linden Church Road to I-70 (Design Initiated)

Project Description – 1

- Proposed roadway will be a 4-Lane Divided Highway
 - 2 – 12' Lanes in each direction
 - 4' inside and 10' outside paved shoulders in each direction
 - Generally a 34' open section median w/ traffic barrier.
- Structures
 - Small Structures – Box and Pipe Culverts

Project Description – 2

- Pavement
 - New roadway
 - Existing roadway – Rehabilitation
- Environmental Impacts/Issues
 - Impacts to Wetlands, Streams, Floodway, and Forest
 - In stream restriction – March 1 thru May 31
- Traffic
 - Signing, Marking, Lighting, and ITS
- Stormwater Management
 - Water Quality and Water Quantity

Project Description – 3

- Permits
 - Stormwater Management/Erosion & Sediment Control – Acquired by Design–Builder and issued by SHA through MDE delegated authority
 - Joint MDE/COE Permit – Acquired by SHA and modifications by Design–Builder
 - Reforestation – Acquired by SHA and modifications by Design–Builder
 - Conditional Letter of Map Revision (CLOMAR) – Acquired by SHA
 - Letter of Map Revision (LOMAR) – Acquired by Design–Builder

Project Description – 4

- Right of Way
 - 300 feet Right-of-way previously acquired from MD 108 to Linden Church Road
 - No Total Takes anticipated
 - Approximately 18 Parcels / 13 Acres of Takes for SHA Concept
 - Right-of-way Needs Identification and Plat Preparation will be completed by the Design-Builder
 - Acquisition services are intended to be part of the Design-Builder scope of work

Project Description – 5

- Utility Coordination
 - Impacted Utilities: BGE Electricity, BGE Gas, Teleport Communication (AT&T local)
 - Concurrent Relocation
- Design Quality Management
 - Lead Design Firm responsible for Design Quality Control (DQC)
 - Design–Builder shall have a separate Independent Design Quality Management Firm from the Lead Design Firm to provide additional quality management of design including approval of DQC Plan and review and certification of design for contract compliance

Project Goals

- **Schedule** – Fully open four lanes to traffic and substantially complete construction as soon as possible
- **Mobility** – Minimize delay during construction, specifically any detours
- **Right-of-Way and Environmental Resources** – Minimize impacts to private property and environmental resources
- **Design Excellence** – Provide a project that reflects the practice of good judgment throughout execution, as well as sound decision making within the project constraints

Procurement Overview

- Project Classification “H” – \$15,000,001 to \$30,000,000
- Competitive Sealed Proposals (COMAR 21.05.03)
- Lowest Responsive Adjusted Price
- Two -Step Procurement Process
 - RFP: Step 1 – Technical Proposal
 - RFP: Step 2 – Price Proposal

Procurement Overview

Step 1 – Technical Proposal_1

- Objective is to establish a Reduced Candidate List (RCL) of the Most Highly Qualified Proposers.

Procurement Overview

Step 1 – Technical Proposal_2

- Evaluations Factors
 - Lead Design Firm Experience, Qualifications, and Past Performance
 - Lead Construction Firm Experience, Qualifications, and Past Performance
 - Project Understanding and Design–Build Approach

Procurement Overview

Step 1 – Technical Proposal_3

- Lead Design Firm Experience, Qualifications, and Past Performance
 - Key Staff (at a minimum)
 - Project Design Manager
 - Highway Engineer
 - Water Resources Engineer
 - Project Past Performance
 - Description of 3 relevant projects that demonstrate ability to be successful on this project. Must have been Prime Engineer.

Procurement Overview

Step 1 – Technical Proposal_4

- Lead Construction Firm Experience, Qualifications, and Past Performance
 - Key Staff (at a minimum)
 - Design-Build Manager
 - Construction Manager
 - Project Past Performance
 - Description of 3 relevant projects that demonstrate ability to be successful on this project. Must have been Prime or JV Contractor.

Procurement Overview

Step 1 – Technical Proposal_5

- Project Understanding and Design–Build Approach
 - Understanding of the project scope, goals, and risks
 - Three most relevant risks to Project Schedule and how the Design– Builder will mitigate the risks
 - Proposer’s approach to Design–Build

Procurement Overview

Step 1 – Technical Proposal_6

- Evaluations
 - Separate Evaluation Teams for a specific factor or factors
 - Evaluation Committee recommends RCL
 - Selection Committee approves RCL
 - Adjectival Rating Process
 - Relative Importance of factors – Critical, Significant, Important

Procurement Overview

Step 1 – Technical Proposal_7

- Once Technical Proposal evaluations are completed, a reduced candidate list (RCL) will be developed of the most highly qualified Proposers.
- Those DB Teams who have made the RCL will be invited to submit Price Proposals.

Procurement Overview

Step 2 – Price Proposal_1

- One on One Meetings
 - **CONFIDENTIAL**
 - Proposers May
 - Ask Questions related to the RFP (Proprietary or Clarifications)
 - Identify Concerns/Conflicts in RFP
 - Discuss solutions to address project goals
 - Present Potential ATCs
 - Agenda is set by Proposer +/- 1 week prior

Procurement Overview

Step 2 – Price Proposal_2

- Alternative Technical Concepts
 - **CONFIDENTIAL**
 - Pre-approval of alternatives to RFP requirements
 - Confirm Design-Builder solutions meet or exceed RFP requirements
 - “Practical” Design solutions to advance project goals without compromising safety
 - Approval of ATC alternative will be for proposer only. Must demonstrate that the ATC will meet/exceed/advance the project goals and/or be equal to or better than RFP requirements
 - One-on-One Meetings for ATC may be requested

Procurement Overview

Step 2 – Price Proposal_3

- The price shall be on a lump sum basis, and shall include all engineering, design, research investigation, construction, labor, equipment and materials, and all incidentals necessary to complete the design and construction of this project.
- The Proposer will also provide the completion date for the project and duration of any closure of Linden Church Road to MD 32 Southbound.

Procurement Overview

Step 2 – Price Proposal_4

- The price will then be adjusted based on the total days of project construction, multiplied by the loss of public benefit (\$18,300/day), and the total days of the Linden Church Road to MD 32 SB ramp closure, multiplied by the loss of public benefit (\$5,100/day), to determine the Adjusted Price.
- The contract will be awarded to the responsible Proposer from the Reduced Candidate List that submits the lowest Adjusted Price Proposal.

Procurement Schedule

Step 1

Advertise Step 1: Request for Proposals (RFP) – Technical Proposals	June 28, 2016
Issue Draft Step 2: RFP – Price Proposals	July 26, 2016
Step 1 Letter of Interest Submittal	August 3, 2016
Final Date for Step 1: RFP Questions	August 10, 2016
Submit Technical Proposal	August 24, 2016
Notify Reduced Candidate List (RCL)	September 15, 2016

Procurement Schedule

Step 2

Issue Step 2: RFP – Price Proposals	September 15, 2016
One-on-One Meetings	October 5–6, 2016
One-on-One Meetings	October 20–21, 2016
Last Day to Submit ATCs	November 7, 2016
Last Day for Questions	November 22, 2016
Letter of Interest	November 29, 2016
Submit Price Proposals	December 6, 2016
Selection of Successful Team	December 2016
Notice to Proceed (Anticipated)	March 2017

QUESTIONS?

Information related to this presentation will be available at the following: www.roads.maryland.gov under Business Center, Contracts, Bids & Proposals, Design-Build Projects.

Email: HO1415170_MD_32@sha.state.md.us

Statement of Qualifications and Technical Proposals from previous projects are available at the following: www.roads.maryland.gov under Business Center, Contracts, Bids & Proposals, Design-Build Projects.