

MD 404

from US 50 to East of Holly Road
Design-Build Project
Contract No. AW8965170

Industry Informational Meeting
September 1, 2015



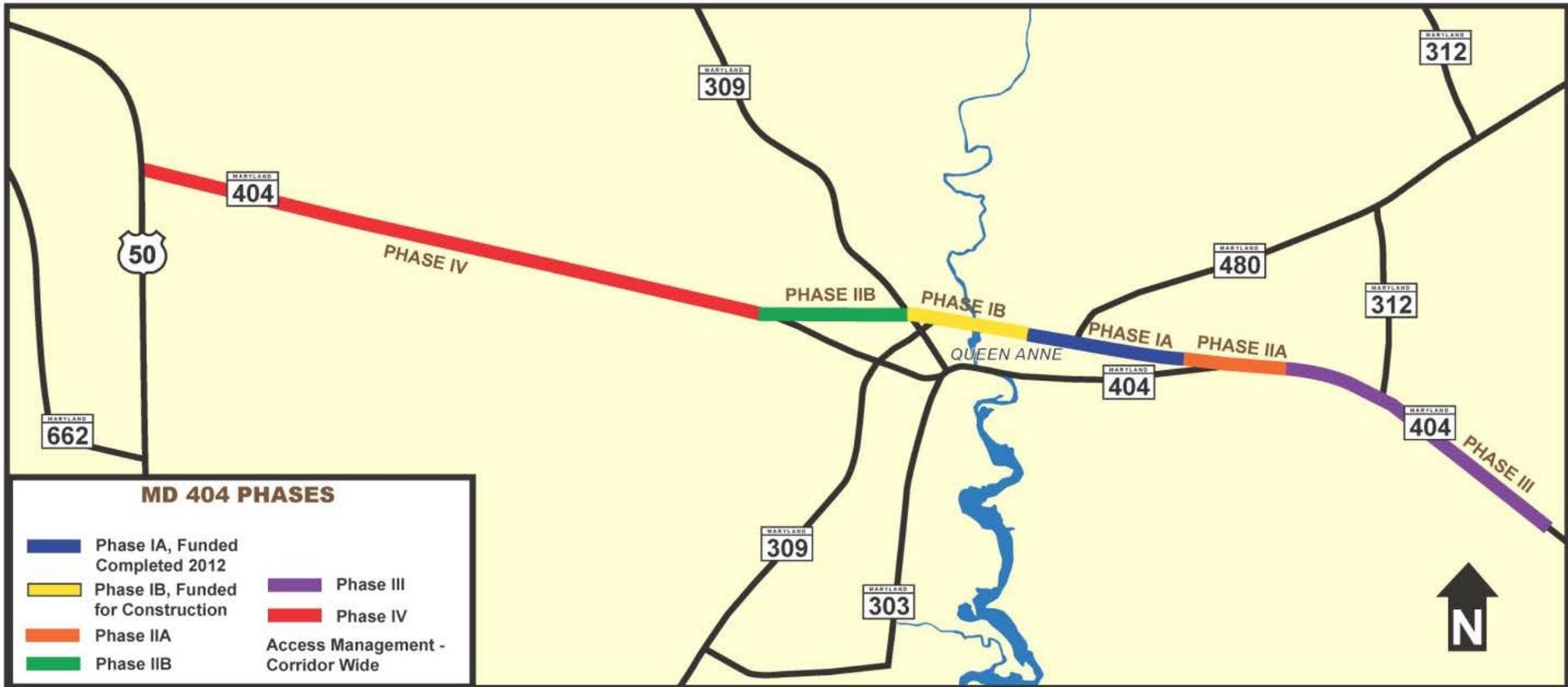
Presentation Overview

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Project Overview

- Project Location
 - Talbot County
 - Queen Anne's County
 - Caroline County
- MD 404 Project Limits
 - US 50 to West of MD 309
 - East of MD 480 to East of Holly Road
 - Total Mileage +/- 9 miles

Location Map



Project History

- Improvements made to MD 404 in the 1950's including right-of-way acquisition of future dualization.
- Project Planning for a 4-Lane Divided Highway began in the 1980's and a Finding of No Significant Impact (FONSI) was approved in November 1991
- Project development was phased due to funding constraints. Phases prioritized based on crash experience, capacity, and operational problems.

Project History

- Project Phases
 - Phase 1A – East of Tuckahoe Creek to east of MD 480 – **CONSTRUCTION COMPLETE**
 - Phase 1B – West of MD 309 to east of Tuckahoe Creek – **UNDER CONSTRUCTION**
 - Phase 2A – East of MD 480 to east of MD 404 AL E
 - Phase 2B – West of MD 404 AL W to West of MD 309
 - Phase 3 – MD 404 AL E to East of Holly Road
 - Phase 4 – US 50 to West of MD 404 AL W
 - Phase 5 – Corridor Access Management
- Phases 2A – 5 are part of current Design–Build Contract

Project Description

- 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
 - 34' open section median w/ traffic barrier
 - Partial acceleration/deceleration lanes at intersections
 - Intersections will eliminate through movements and unprotected left turns from side streets - proposed "J-Turns" and Maryland "T" intersections

Project Description

- Stormwater Management – Water Quality and Water Quantity
- Structures
 - New Bridge over Norwich Creek
 - Small Structures – Box and Pipe Culverts
- Pavement
 - New roadway – Asphalt or Concrete
 - Existing roadway – Rehabilitation
- Traffic – Signing and Marking, Lighting, and ITS

Project Description

- Environmental Impacts/Issues
 - Approximate Impacts – 5.5 Acres of Wetlands, 5,000 Linear Feet of Streams, and 20 Acres of Forest
 - Wetlands and Forest Impacts to be mitigated off-site. Incentives will be provided for impact reductions or on site mitigation.
 - In stream restriction – February 15 – June 15
 - Norwich Creek Environmental Constraints
 - Endangered Dwarf Wedge Mussel
 - No work permitted in stream or within 2 year floodplain
 - Work in 10 year floodplain must occur between July 1 – November 15
 - Delmarva Fox Squirrel in area

Project Description

- 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

Project Description

- Right of Way
 - Acquisition to be completed by SHA and phased (Anticipated clearance July–October 2016)
 - Approximately 65 Parcels / 120 Acres
- Utility Coordination
 - Choptank Electric
 - Delmarva Power
 - Verizon
 - Comcast
 - Maryland Broadband Cooperative

Project Goals

- **Schedule** – Fully Open 4 Lanes to traffic and substantially complete construction by Thanksgiving 2017
- **Cost** – Deliver a cost efficient project at or below budget
- **Safety** – Safe roadway with ZERO fatalities and serious injuries during and after construction
- **Customer Satisfaction** – Receive 100% satisfaction from travelers along MD 404
- **Mobility** – Minimize delay during construction and after construction

Procurement Overview

- Project Classification “L” – >\$100 M
- Competitive Sealed Proposals (COMAR 21.05.03)
- Most Advantageous to the State – Best Value Selection
- Two -Step Procurement Process
 - Step 1 – Request for Qualifications
 - Step 2 – Request for Proposals

Step 1 – Request for Qualifications

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

As part of the issuance of the RFQ, limited supporting information will be provided such as project scroll plans and draft Request for Proposals Terms and Conditions 2.

Step 1 – Statement of Qualifications

- Statement of Qualifications (SOQ)
Evaluations Factors
 - Lead Design Firm Experience, Qualifications, and Past Performance
 - Lead Construction Firm Experience, Qualifications, and Past Performance
 - Project Understanding and Design–Build Approach

Step 1 – Statement of Qualifications

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

Step 1 – Statement of Qualifications

- 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.

Step 1 – Statement of Qualifications

- Project Understanding and Design–Build Approach
 - Understanding of the project scope, goals, and risks
 - Proposer’s approach to Design–Build and building a professional, collaborative, and integrated team
 - Organizational chart

Step 1 – Statement of Qualifications

- 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

Step 2– Request for Proposals

- Objective of the Request for Proposals (RFP) is to determine the Most Advantageous to the State (Best Value).
 - One of One Meetings
 - Alternative Technical Concepts (ATCs)
 - Technical Proposal
 - Price Proposal

Step 2– Request for Proposals

- 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

Step 2– Request for Proposals

- 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

Step 2– Technical Proposal and Price Proposal

- Technical Proposal – Design–Builder solutions to address and advance Project Goals
 - Project Management Plan
 - Schedule Achievement/Management
 - Design and Construction Packages/Sequence
 - Quality Management Plan
 - Approach to Safety/Mobility
 - During Construction
 - After Construction
 - Innovation/Value Added
 - Public Information and Outreach Plan
 - Legal/Financial (Pass/Fail)
- Price Proposal

Step 2– Technical Proposal and Price Proposal

- Evaluations
 - Separate Evaluation Teams for a specific technical factor or factors
 - Separate Evaluation for Price Proposal
 - Evaluation Committee recommends Most Advantageous
 - Selection Committee approves Most Advantageous
 - Adjectival Rating Process
 - Relative Importance of factors – Critical, Significant, Important
 - Relative Importance of Technical and Price Proposal

Step 2– Technical Proposal and Price Proposal

- Evaluations
 - Discussions and Best and Final Offers may be utilized at Administration's discretion to facilitate the determination of the Most Advantageous
 - If held, will be with all Proposers in the Competitive Range
- Stipends – +/- \$200,000
 - Unsuccessful Proposers in Competitive Range
 - Approved ATC which Administration wishes to utilize

Proposed Procurement Schedule – Step 1

Advertise Request for Qualifications (RFQ)	October 20, 2015
Final Date for Receipt of Proposer's RFQ Questions	November 9, 2015
Submit Statement of Qualifications (SOQ)	November 23, 2015
Notify Reduced Candidate List (RCL)	December 17, 2015

Proposed Procurement Schedule – Step 2

Issue Request for Proposals (RFP)	January 7, 2016
One-on-One Meetings	January 27–28, 2016
One-on-One Meetings	February 17–18, 2016
Last Day to Submit ATCs	March 1, 2016
Last Day for Questions	March 21, 2016
Submit Technical Proposals	April 4, 2016
Submit Price Proposals	April 18, 2016
Selection of Successful Team	May 2016
Notice to Proceed (Anticipated)	June 20, 2016

Information related to this presentation will be available at the following: www.roads.maryland.gov under Business Center, Contracts, Bids & Proposals, Competitive Sealed Proposals, AW8965170.

Email: AW896_MD_404@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, Competitive Sealed Proposals, PG7585184 and WO6365170.

QUESTIONS?

