

US 219

From I-68 to Old Salisbury Road

Design-Build Project
Contract No. GA6465270


Industry Informational Meeting
February 21, 2017



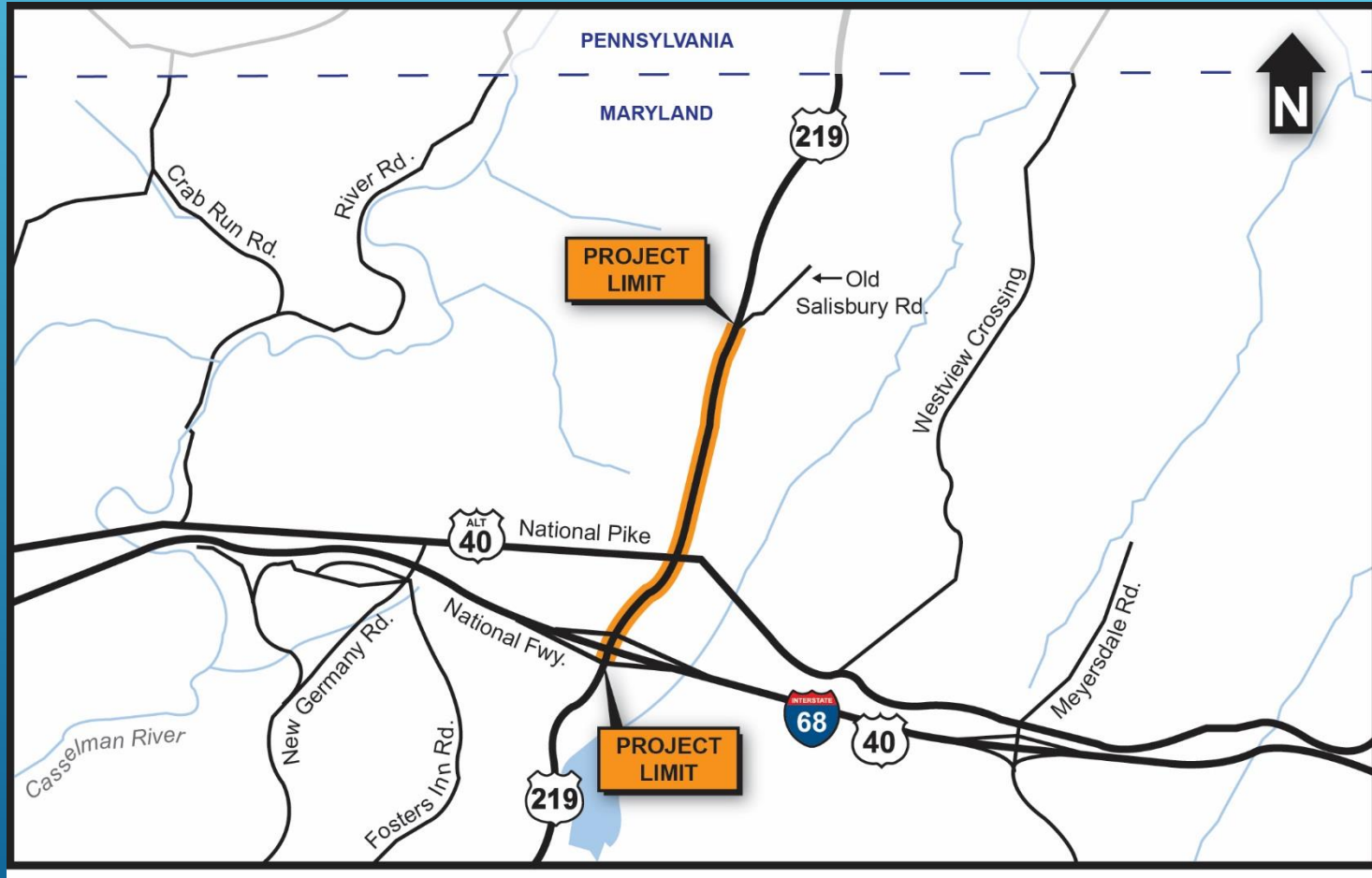
PRESENTATION OVERVIEW

- Project Overview
 - Project Location
 - Project History
 - Project Description
 - Project Goals
 - Procurement Overview
 - Phase 1
 - Phase 2
 - Procurement Schedule
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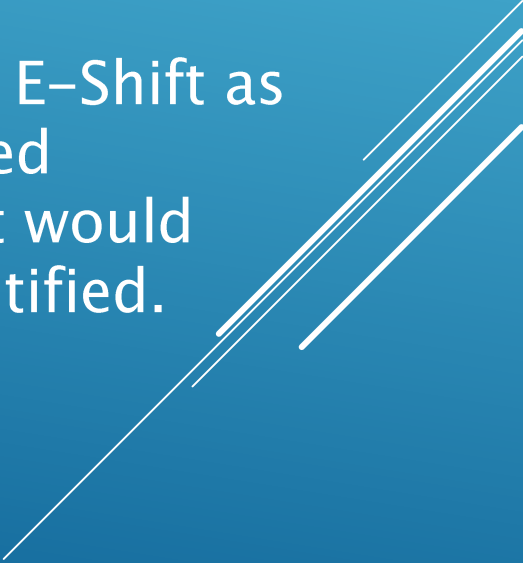
PROJECT OVERVIEW

- Project Location
 - Garrett County
 - US 219 Project Limits
 - I-68 to Old Salisbury Road
 - Total Mileage +/- 1.4 Miles
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LOCATION MAP



PROJECT HISTORY – 1

- Part of Appalachian Corridor N, authorized in 1965.
 - Planning and Environmental Linkages (PEL) Study was completed with Pennsylvania Department of Transportation and Federal Highway Administration in July 2016
 - PEL Study identified Alignments E and E-Shift as the only alignments that are considered reasonable. A stand alone project that would follow those alignments was also identified.
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PROJECT HISTORY – 2

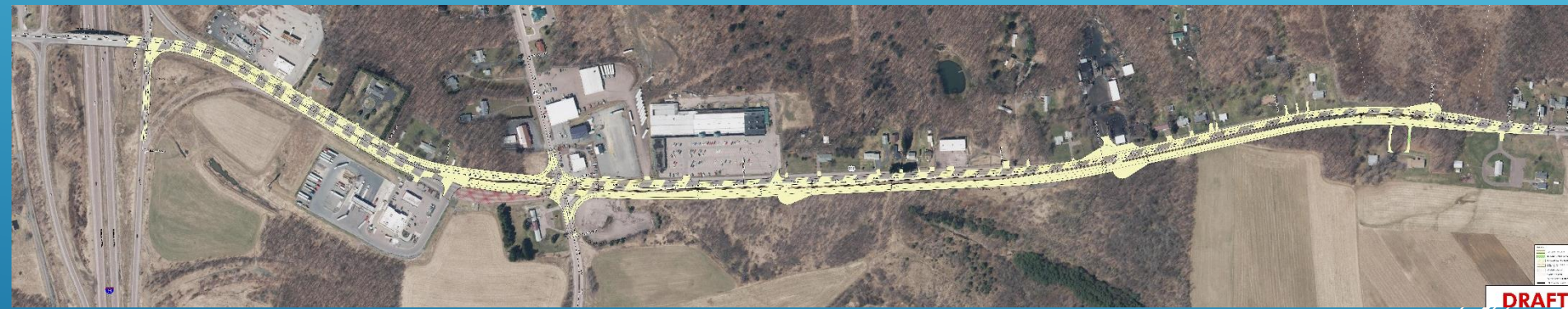
- Purpose and Need October 2016
- Alternatives Retained for Detailed Study (ARDS) October 2016
 - 4 Alternates retained including no-build
- Public Hearing held on February 6, 2017
- SHA identified Alternative 4 as Preferred Alternative in February 2017
- Coordination with Environmental Agencies is ongoing
- Selected Alternative concurrence and expected NEPA clearance via Categorical Exclusion by July 2017

ALTERNATIVE 1 – NO-BUILD

- No roadway improvements proposed



ALTERNATIVE 2



DRAFT


ALTERNATIVE 3




ALTERNATIVE 4-SHA PREFERRED




PROJECT DESCRIPTION – 1

- Proposed roadway will be a 4-Lane Divided Highway
 - 2 – 12' Lanes in each direction
 - Shoulders vary by alternative
 - Median type and width vary by Alternative
 - Structures
 - New overpass structures carrying new roadway over US 40 Alternate in Alternative 3 and 4
 - Stormwater Management
 - Water Quality and Water Quantity
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PROJECT DESCRIPTION – 2

- Pavement
 - Pavement Construction
 - Pavement Rehabilitation
 - Pavement section may be asphalt or concrete
 - SHA will provide asphalt and concrete sections
 - Design–Builder may design its own section
 - Environmental Impacts/Issues
 - Impacts to Wetlands, Streams, and Forest
 - Impacts to Historic District and Resources
 - Traffic
 - Signing, Marking, and Lighting
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PROJECT DESCRIPTION – 3

- Permits
 - Stormwater Management/Erosion & Sediment Control – Acquired by Design–Builder and issued by SHA Plan Review Division through MDE delegated authority
 - Joint MDE/COE Permit – Acquired by Design–Builder in coordination with SHA from USACOE and MDE
 - Reforestation – Acquired by Design–Builder in coordination with SHA from DNR
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PROJECT DESCRIPTION – 4

- Environmental Compliance
 - Categorical Exclusion (NEPA Document) – Completed by SHA with concurrence from the agencies and FHWA. Any reevaluation required due to Design–Builder’s design will be completed by SHA with Design–Builder providing technical data.
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PROJECT DESCRIPTION – 5

- Right of Way
 - SHA owns ROW between I-68 and US 40 Alternate, and along existing US 219
 - Remainder of Acquisition to be completed by SHA
 - 3–5 Occupied Total Takes anticipated, vary by alternative
 - Approximately 21–47 Parcels of Strip Takes, vary by alternative
 - Right of Way clearance expected June 2018 for Strip Takes, September 2018 for Occupied Total Takes


PROJECT DESCRIPTION – 6

- Utility Coordination
 - Power – Potomac Edison
 - Telephone – Verizon
 - Cable TV – Comcast
 - Sanitary Sewer – Garrett County Water & Sewer
 - Private Septic systems and leach fields
 - Private Wells
 - Buried Communications Line – DOIT, Potomac Edison, Verizon, Comcast
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PROJECT GOALS

- Schedule – Begin construction in Spring 2018 and complete the contract as soon as possible
 - Environmental Compliance – Ensure full compliance with the NEPA document and all permit requirements
 - Design Excellence – Provide a project that reflects the practice of good judgment through execution, as well as sound decision making within the project constraints
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PROCUREMENT OVERVIEW

- Project Classification “J” – \$50,000,001 to \$75,000,000
 - Competitive Sealed Proposals (COMAR 21.05.03)
 - Award to the most advantageous considering both the Technical Proposal and the Price Proposal
 - Two – Phase Procurement Process
 - Phase One – Technical Proposal
 - Phase Two – Price Proposal
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Procurement Overview

Phase One – Technical Proposal_1

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

Procurement Overview

Phase One – Technical Proposal_2

- Evaluations Factors
 - Design–Builder Capability
 - Project Understanding and Design–Build Approach
 - Legal and Financial Information
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Procurement Overview

Phase One – Technical Proposal_3

- Design–Builder Capability
 - Key Staff (at a minimum)
 - Design–Build Project Manager
 - Design Manager
 - Construction Manager
 - Highway Engineer
 - Water Resources Engineer
 - Stream Restoration Specialist

Procurement Overview

Phase One – Technical Proposal_4

- Design–Builder Capability (continued)
 - Firm Past Performance
 - Description of 6 relevant projects with major highway construction elements that demonstrate ability to be successful on this project.
 - Organizational Chart
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Procurement Overview

Phase One – Technical Proposal_5

- Project Understanding and Design–Build Approach
 - Understanding of the project relevant and critical risks, how it impacts achieving the project goals and discuss mitigation strategies to address the risk
 - Proposer’s approach to Design–Build from design initiation to construction completion
 - Proposer's approach to obtaining required environmental permits, further avoiding and minimizing impacts, and ensuring environmental compliance
 - Potential Alternative Technical Concepts (ATCs)


Procurement Overview

Phase One – Technical Proposal_6

- Legal and Financial Information
 - Design–Build Team Organization
 - Liability
 - Bonding Capability (Cost Group J)
 - Past Contract Terminations
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Procurement Overview

Phase One – Technical Proposal_7

- 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
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Procurement Overview

Phase One – Technical Proposal_8

- 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.
 - Ratings from Phase One will be used in determining the most advantageous Proposer
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Procurement Overview

Phase Two – 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

Phase Two – 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

Phase Two – 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.
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Procurement Overview

Phase Two – Price Proposal_4

- After evaluations of the Price Proposals are complete, an Evaluation Committee will perform a trade-off analysis considering the Technical Proposal and the Price to determine the most advantageous
 - The relative importance of the Technical Proposal and the Price Proposal will be considered equal.
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Procurement Schedule

Phase One

Advertise Request for Proposal (RFP) Phase One	April 4, 2017
Issue Draft RFP Phase Two	April 25, 2017
Final Date for Receipt of Proposer's RFP Phase One Questions	May 9, 2017
Submit Technical Proposal	May 23, 2017
Notify Reduced Candidate List (RCL)	June 16, 2017
Issue RFP Phase Two	June 16, 2017

Procurement Schedule

Phase Two

One-on-One Meetings	July 12-13, 2017
One-on-One Meetings	August 2-3, 2017
Last Day to Submit ATCs	August 22, 2017
Last Day for RFP Phase Two Questions	September 19, 2017
Last Day for Phase Two Letter of Interest Submittal	September 26, 2017
Submit Price Proposals	October 3, 2017
Selection of Successful Proposer	November 2017
Notice to Proceed (Anticipated)	December 2017

QUESTIONS?

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

Email: GA6465270_US_219@sha.state.md.us

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