MARYLAND DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY ADMINISTRATION

I-695 at I-70 Interchange
Design-Build Project
MDOT SHA CONTRACT NO. BA0065272

INDUSTRY INFORMATIONAL MEETING
FEBRUARY 8, 2019

PRESENTED BY: VIRGINIA COLLIER and DAVID PHILLIPS

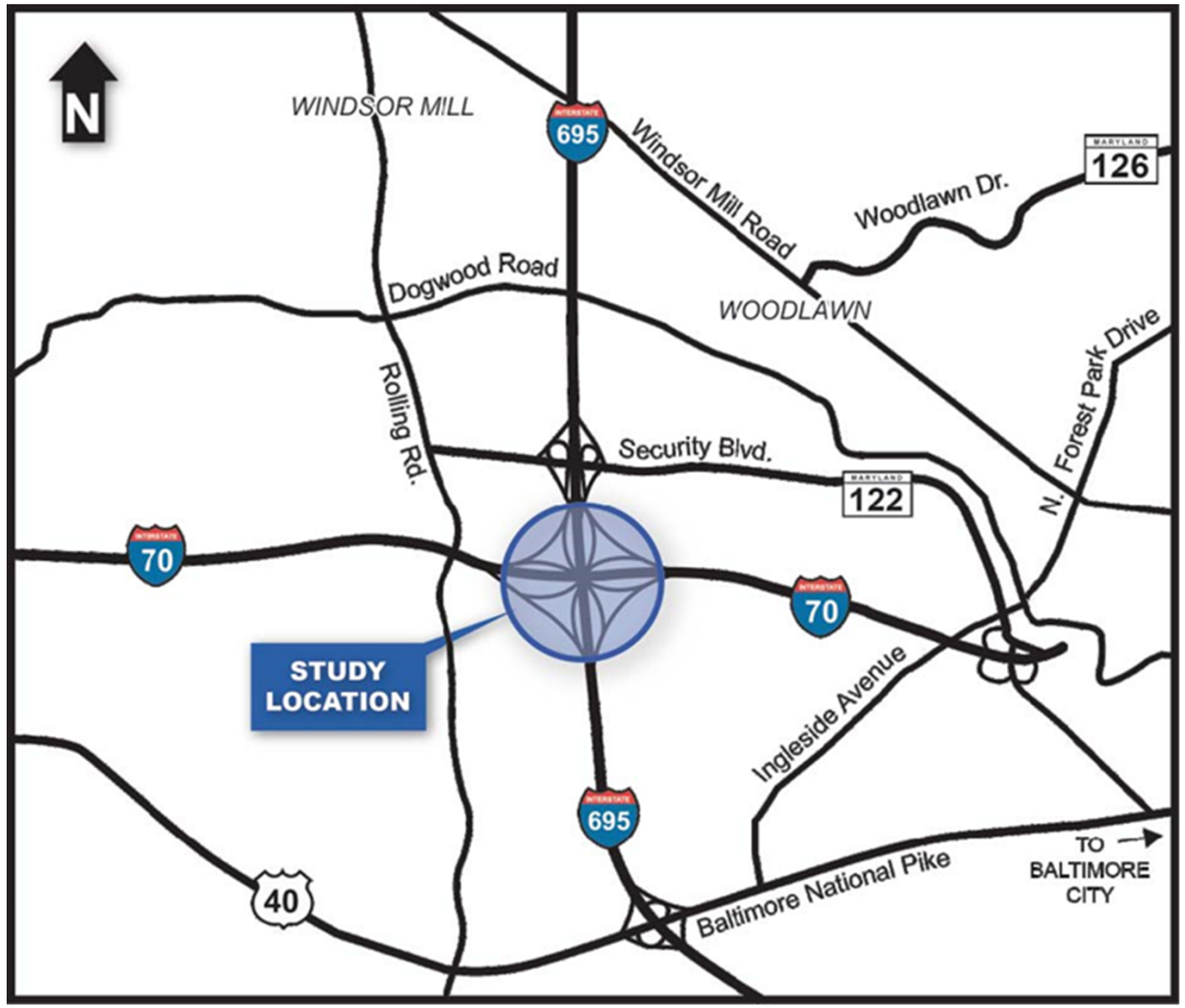
PRESENTATION OVERVIEW

- Project Location
- Existing Conditions
- Project Goals
- Environmental Compliance
- Permit Overview
- Procurement Overview
- Procurement Schedule

PROJECT LOCATION

- Project Location
  - Baltimore County
- Project Limits
  - I-695 at I-70 Interchange
  - Including I-70 extension toward Baltimore City and Park and Ride
  - Exact limits along I-695 will be determined through modeling and with I-695 TSMO Team

LOCATION MAP



LOCATION MAP

EXISTING CONDITIONS

- The interchange was built in the 1960s and is a unique stacked design
  - Three levels of bridges are interconnected over the mainline I-695 and makes maintenance very difficult
  - There are six bridges built in 1960s that require remediation or replacement
- All ramps are single lane with narrow shoulders and makes maintenance of traffic very difficult
- Ramps currently operating over capacity:
  - Ramp A (695 N to 70 E)
  - Ramp C (70 E to 695 N)

PROJECT GOALS

- Maximize the congestion relief to improve traffic operations and safety while not precluding future improvements within the interchange to the maximum extent possible
- Maximize interchange connectivity
- Maximize the maintainability of the facility post build

PROJECT GOALS

- Stay within the existing MDOT SHA Right-of-Way

- Minimize inconvenience and impacts to the traveling public on I-70, I-695, and local network

ENVIRONMENTAL COMPLIANCE

- Anticipated Categorical Exclusion – Completed by MDOT SHA for existing MDOT SHA ROW
  - Anticipated approval Summer 2019, overlap with project procurement
- Should the Design-Builder's design result in an increase in impacts such that a subsequent, post Award, Reevaluation is required, the Reevaluation will be completed by MDOT SHA with the Design-Builder providing any and all technical data

ENVIRONMENTAL COMPLIANCE

- No commitments are made to any alternative being evaluated in the NEPA process and that the comparative merits of all alternatives presented in the NEPA document, including the no-build alternative, will be evaluated and fairly considered

PERMIT OVERVIEW

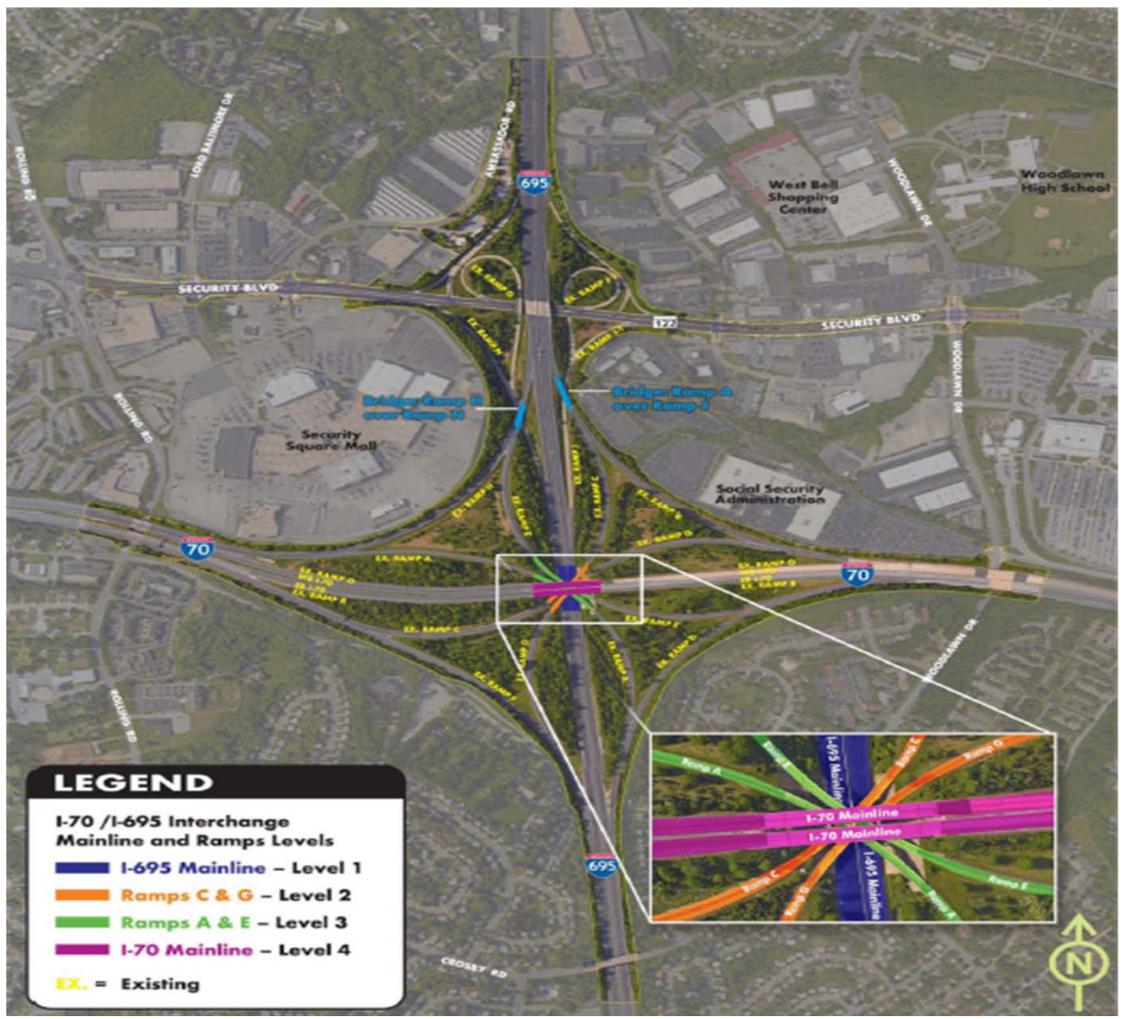
Anticipated Permits:

- Stormwater Management/Erosion and Sediment Control – acquired by Design-Builder
- Joint Permit Application – Environmental inventory underway. Depending on potential impacts MDOT SHA will either get a JPA with modifications to be done by the DBT or some level of permitting to be placed on the DBT.

PERMIT OVERVIEW

- Reforestation – Forest and tree inventory underway. Depending on potential impacts/mitigation MDOT SHA will either get a permit with modifications to be done by the DBT or some level of permitting/mitigation to be placed on the DBT.

RIGHT-OF -WAY



- Survey of existing Right-of-way underway and will be provided as part of procurement
- No additional Right-of-way is anticipated to be acquired

UTILITIES

- Conducting a Quality Level B Utility Designation for the Interchange area
- Above and below ground utilities potential for relocation based on Proposer's design
- Utilities in the Vicinity of the Interchange:
  - Verizon
  - BGE
  - Level 3
  - Baltimore City DPW
  - MCI
  - Comcast
  - AT&T
  - 24/7 Mid-Atlantic Network
  - Crown Castle

UTILITIES

- Once Utility Designation for the Interchange are complete MDOT SHA will assess potential for impacts.
- If potential for impacts MDOT SHA anticipates obtaining relocation design time frames and construction time frames from utility companies
- Utility relocations would be assessed and planned for by Design-Builder and concurrent with Design-Builder activities; coordination will be the responsibility of the Design-Builder

PROCUREMENT OVERVIEW

- Competitive Sealed Proposals (COMAR 21.05.03)
- Fixed Price/Best Value Selection
  - Cost Class "K" - $75,000,001 to $100,000,000
- Two –Step Procurement Process
  - Step 1 – Request for Qualifications
  - Step 2 – Request for Proposals
    - Technical Proposal
    - Price Proposal

PROCUREMENT OVERVIEW

- Fixed Price / Best Value Contract
- The selected Proposer will submit the proposal that best meets and / or exceeds the Project Goals at the fixed budget
- Price proposals must be for the exact amount stipulated in the RFP. Any figure higher or lower than the Fixed Price will be considered non-responsive

STEP 1 - REQUEST FOR QUALIFICATIONS

- Objective is to establish a Reduced Candidate List (RCL) of the **Most Highly Qualified Proposers.**
- Evaluations Factors
  - Design-Builder Capability
  - Project Understanding and Design-Build Approach
  - Legal and Financial Information

STEP 1 - REQUEST FOR QUALIFICATIONS DESIGN-BUILDER CAPABILITY

- **Key Staff** (at a minimum)
  - Project Design Manager
  - Highway Engineer
  - Water Resources Engineer
  - Structural Engineer
  - Construction Manager

STEP 1 - REQUEST FOR QUALIFICATIONS DESIGN-BUILDER CAPABILITY

- **Firm Past Performance**
  - Description of 6 relevant projects with major construction elements that demonstrate ability to be successful on this project.
  - Similar scope and Similar complexity
  - Demonstrate the Design-Build Team's ability to deliver this project successfully
  - Must be completed by committed members of the Design-Build Team

STEP 1 - REQUEST FOR QUALIFICATIONS DESIGN-BUILDER CAPABILITY

- **Organizational Chart**
  - Identify participants who are responsible for the major project functions
  - Depict lines of communication
  - Identify reporting relationships in managing, designing, and building the project
  - At a minimum, the chart shall reflect all Key Staff identified and the number of hours per week the Key Staff will dedicate to the project

STEP 1 - REQUEST FOR QUALIFICATIONS
PROJECT UNDERSTANDING AND DESIGN-BUILD APPROACH

- Describe the Design-Builder's understanding of the Project Goals and Scope
- Discuss the Design-Builder's understanding of the most relevant and critical risks facing the selected Proposer and MDOT SHA in achieving the Project Goals
- Discuss the Design-Builder's approach to Design-Build from design initiation through construction completion, including coordination with adjacent projects

STEP 1 - REQUEST FOR QUALIFICATIONS

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

STEP 1 - REQUEST FOR QUALIFICATIONS

- Once the Statement of Qualifications (SOQ) evaluations are completed, a RCL will be developed of the most highly qualified Proposers
- Those Design-Build Teams who have made the RCL will be issued a Request for Proposals (RFP) and invited to submit Technical Proposals and Price Proposals

STEP 2 – TECHNICAL PROPOSAL / PRICE PROPOSAL

- 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 – TECHNICAL PROPOSAL / PRICE PROPOSAL

- 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

STEP 2 – TECHNICAL PROPOSAL / PRICE PROPOSAL

- Price Proposals
  - Fixed Price
  - 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.

STEP 2 – SELECTION

- The selected Proposer will submit the proposal that best meets and / or exceeds the Project Goals at the fixed budget
- Technical Proposals will be approximately three times the relative importance of the SOQ in determining the technical rating
- When determining which Proposer's submittal is most advantageous to the State, the relative importance of the overall technical rating is substantially greater than the price.
- Stipends offered to unsuccessful Proposers ($ TBD)

PROCUREMENT SCHEDULE

STEP 1 – TECHNICAL PROPOSAL	
Advertise Request for Qualifications (RFQ)	March 19, 2019
Final Date for RFQ Questions	April 5, 2019
Submit Statement of Qualifications (SOQ)	April 19, 2019
Notify Reduced Candidate List (RCL)	May 2019

PROCUREMENT SCHEDULE

STEP 2 – PRICE PROPOSAL	
Issue RFP	May 2019
One-on-One Meetings	June/August 2019
Last Day to Submit ATCs	September 2019
Last Day for Questions	September 2019
Letter of Interest	September 2019
Submit Technical Proposals	October 2019
Submit Price Proposals	October 2019
Selection of Successful Team	November 2019
Notice to Proceed (Anticipated)	December 2019

CONTACT INFORMATION

Questions?

CONTACT INFORMATION

- Information related to this meeting and presentation will be available at the following:
  - www.roads.Maryland.gov
  - Under Business Center, Contracts, Bids & Proposals, Design-Build Projects
- Statement of Qualifications and Technical Proposals from previous Design-Build projects are available at the following:
  - www.roads.Maryland.gov
  - Under Business Center, Contracts, Bids & Proposals, Design-Build Projects
- **Email:** BA0065272_I695_I70@sha.state.md.us