

The background image shows a coastal scene at dusk or dawn. In the foreground, there are large, dark, jagged rocks. In the middle ground, a body of water reflects the sky. In the background, a long suspension bridge (the Bay Bridge) spans the water. The sky is a mix of purple, blue, and orange hues.

Bay Bridge Protection Project

INDUSTRY FORUM – OCTOBER 20, 2025

Agenda

- Introductions 10:00 – 10:30 A.M.
- Networking 10:30 – 11:00 A.M.
- Presentation 11:00 – 11:30 A.M.
- Q&A Session 11:30 – 12:00 Noon



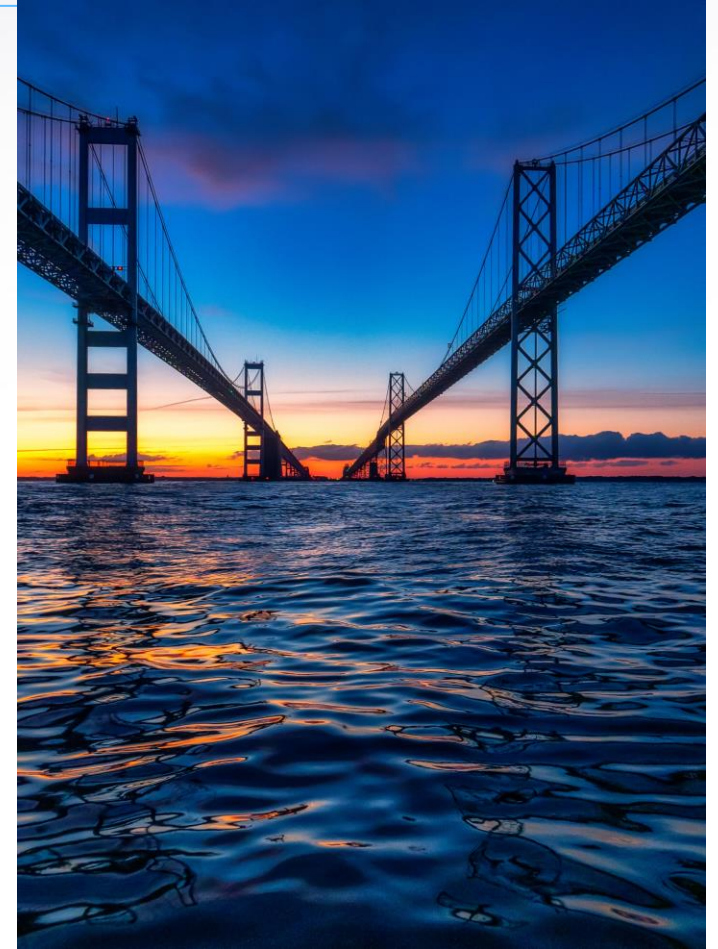
Introductions

- Tekeste Amare, Deputy Director of Engineering, MDTA
- Bill Randow, Deputy Director of Construction, MDTA
- Phil Waldvogel, Project Manager, WSP/MDTA
- Eric Smith, Design Manager, Moffatt & Nichol/MDTA



Project Purpose

- MDTA is committed to the safety of the traveling public and the structural safety of its transportation infrastructure
- Protection of the Bay Bridges
- Project for installation of physical pier protection system
- AASHTO Method II Risk Assessment underway



Project Goals



Safety



Cost



Performance (Durability)



Mobility (Vehicular & Maritime)



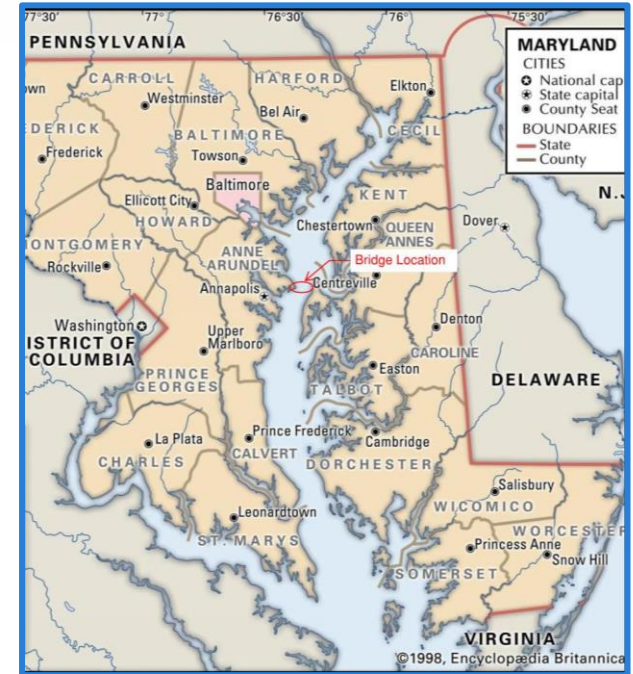
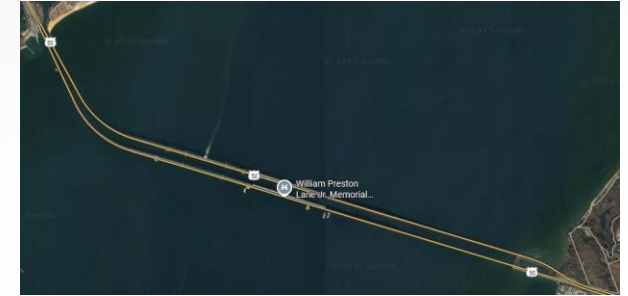
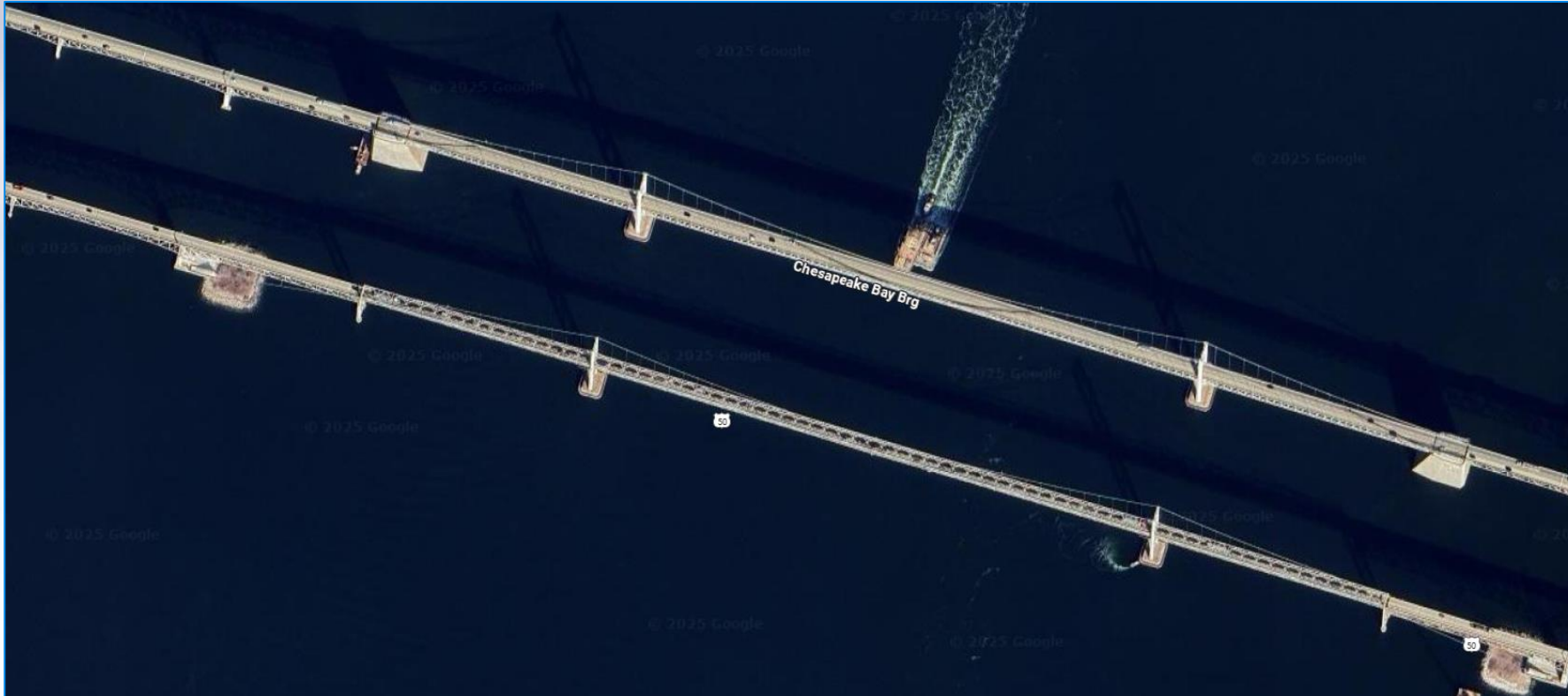
Schedule



Well-managed project



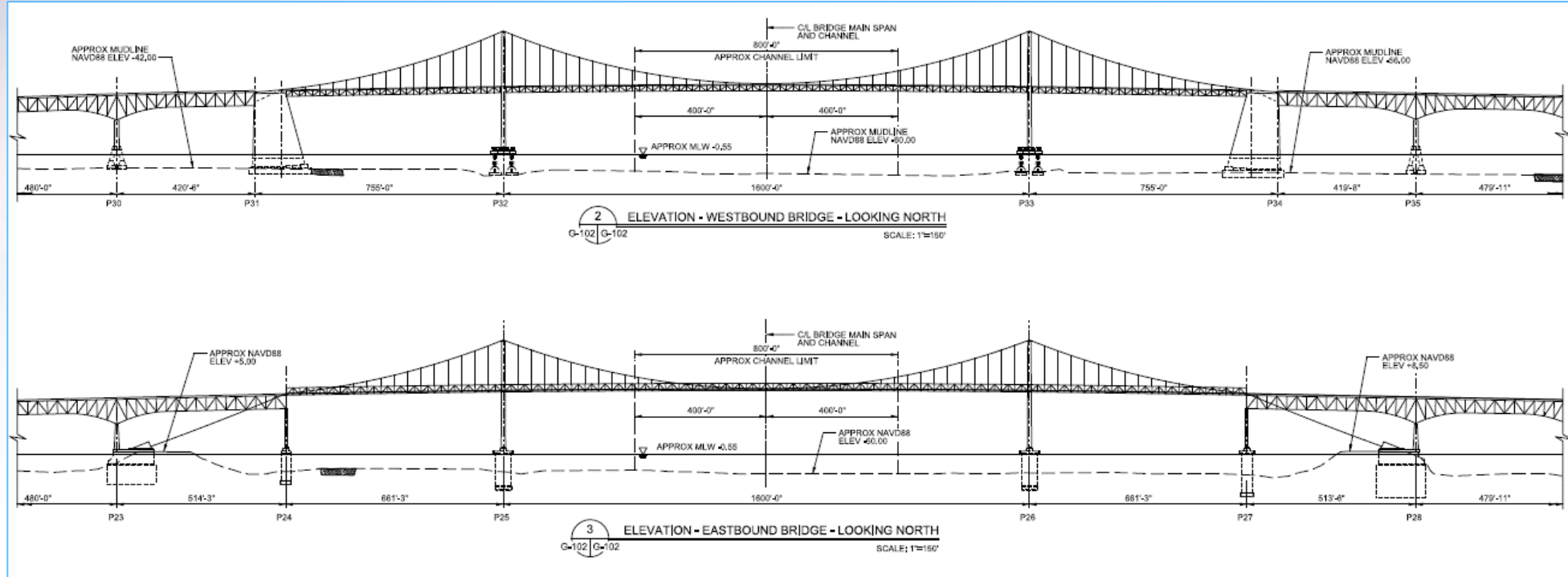
Project Scope



- Install physical protective structures at both critical supports on both sides of the navigation channel

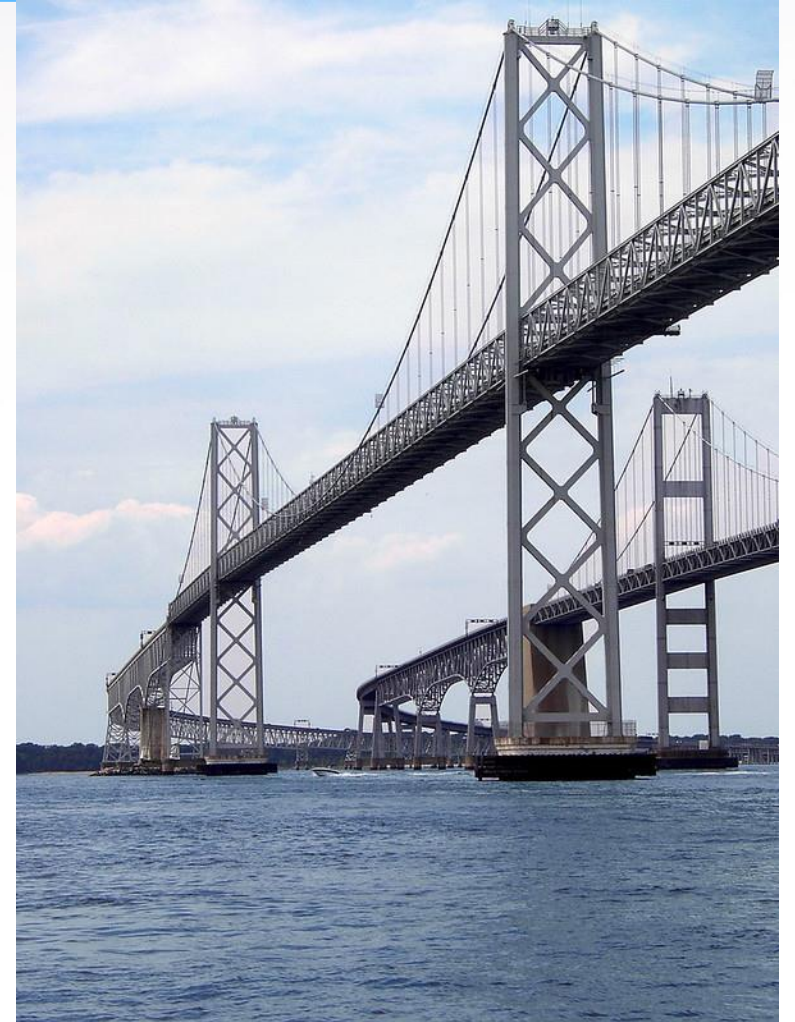


Project Scope



Project Considerations

- Water-based operation including barges, sheet pile driving equipment and templates
- Dredge material
- Channel operations
- Navigation lighting
- Future bridge



Primary Elements of Project

- Site investigations and evaluations:
 - Hydraulic analysis, scour evaluation
 - Geotechnical investigation, laboratory testing
 - Corrosion studies
 - Service life modeling
- Professional engineering services for final design of protective systems
- Project management
- Compliance with MBE participation goals
- Construction management
- Construction shop drawing submittals
- Construction of protection systems
- Construction phase inspection and materials testing
- Construction phase quality assurance activities
- Public outreach support, coordination with stakeholders
- Incidentals: construction equipment, materials supply



Project Requirements

- The Design-Builder shall demonstrate the general capability, capacity, and experience necessary to successfully undertake and complete the Project, which requires a fleet of marine-based heavy equipment.
- The Design-Builder shall be a heavy marine contractor licensed by the Marine Contractors Licensing Board (MCLB).
- Minimum requirements will be included in the RFP.
- The Design-Builder shall self-perform at least 50% of the value of the Contract.
- The Design-Builder will have primary responsibility to plan, design, manage, and control, the project and to complete the project on or ahead of schedule.
- The Design-Builder shall meet minimum MBE goals for the project.
- This project is being evaluated for a Project Labor Agreement (PLA) in compliance with the Governor's Executive Order on Workforce Development; any PLA requirements will be provided in the solicitation.



Anticipated Trades/Craft

Trade/craft	Work Scope
Cement and Concrete Finisher	Concrete work
Diver	Underwater construction, inspection, and repair
Dredge Operator	Dredging, filling, equipment operation
Equipment Operator	Equipment operation
Ironworker	Steel erection, structural steelwork, reinforcing, welding
Laborer	Site preparation, material handling, concrete work, general labor
Mason	Concrete work
Pile Driver	Foundation installation
Tugboat and Maritime Workers	Barge and water work
Welder	Steel connection, fabrication, underwater welding
Painting / Coating	Steel coating systems
Electrical	Navigation aids / lighting
Carpenter / Timber Framing	Perimeter fender system



Project Stakeholders

- Maritime industry
- Waterway Users
- Traveling public and residents
- Maryland Association of Pilots
- Maryland Port Administration (MPA)
- United States Coast Guard (USCG)
- United States Army Corps of Engineers (USACE)
- United States Fish and Wildlife (USFW)
- National Oceanic and Atmospheric Administration (NOAA)
- Maryland Department of the Environment (MDE)
- Maryland Department of Natural Resources (DNR)
- Federal Highway Administration (FHWA)

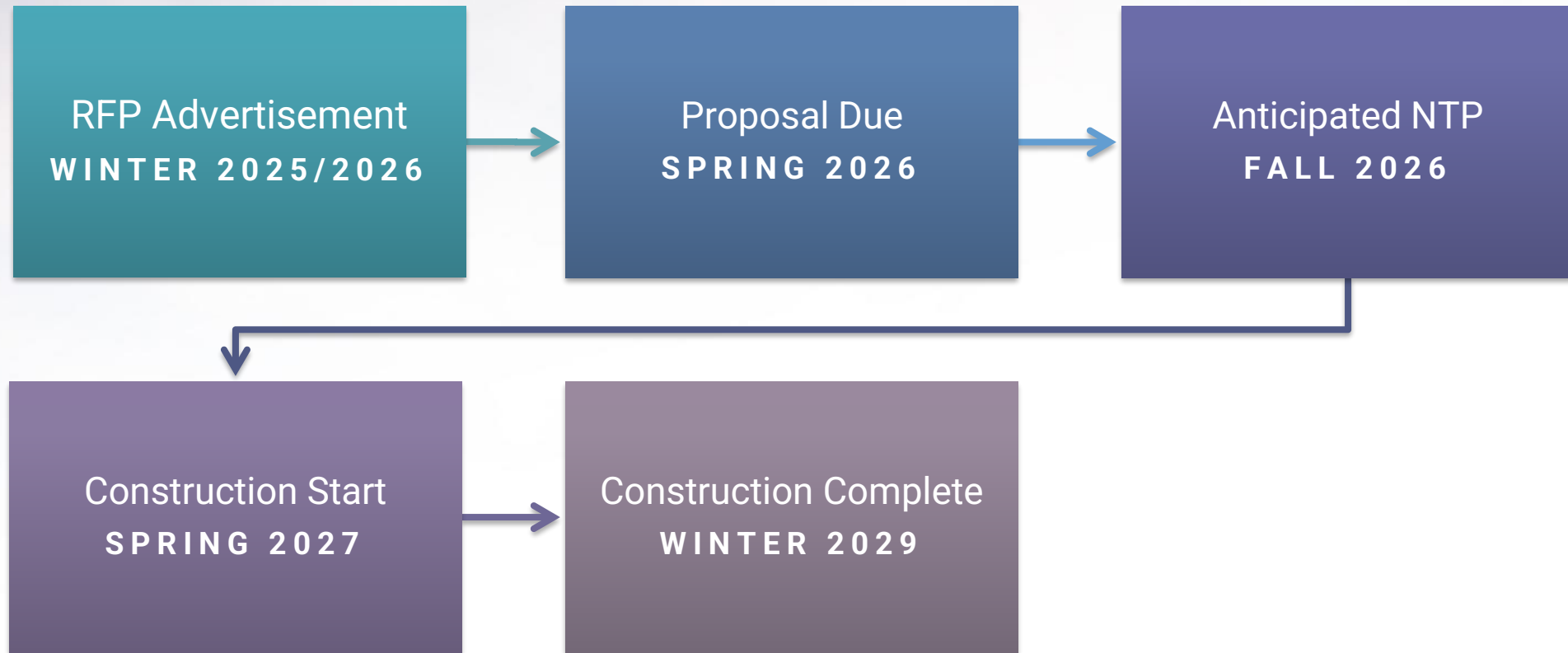


Anticipated Procurement Details

- Project development: Design-Build method, 30% concept design
- Contracting: Fixed price, variable scope method
- Procurement: “Competitive Sealed Proposals” method
- Project Cost Classification: CLASS – L (Over \$100,000,000)
- RFP advertisement on eMMA as BB-3023-0000
- Advertisement: Winter 2025/2026



Anticipated Procurement Schedule



Anticipated Civil Rights & Fair Practices Details

- MBE goals will be provided in the RFP
- MBE firms are encouraged to review this Industry Forum registration list, which will be posted on the project webpage: <https://mdta.maryland.gov/BayBridgeProtection>
- Information regarding certification is available online:
<https://gomdsmallbiz.maryland.gov/Pages/mbe-Program.aspx>



Restrictions on Participation

MDTA anticipates that the RFP will preclude the following entities from participation:

- WSP USA, Inc.
- Moffatt & Nichol
- TranSystems



moffatt & nichol



Doing Business with the MDTA

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