



Maryland Transportation Authority

CAPITAL COMMITTEE MEETING

THURSDAY, NOVEMBER 6, 2025

2310 BROENING HIGHWAY

BALTIMORE, MARYLAND 21224

CAPITAL COMMITTEE MONTHLY MEETING
November 6, 2025 – 9:00 AM

This meeting will be livestreamed on the [MDTA Capital Committee Page](#)

NOTE: This is an Open Meeting being conducted via livestreaming. The public is welcomed to watch the meeting at the link listed above. ***If you wish to comment on an agenda item please email your name, affiliation, and the agenda item to gsteffe@mdta.state.md.us no later than 3:00 p.m. on Monday, November 3, 2025. You MUST pre-register in order to comment.*** Once you have pre-registered you will receive an email with all pertinent information.

AGENDA

OPEN SESSION – 9:00 a.m.

Call Meeting to Order

- | | | |
|--|------------------|---------|
| 1. <u>Approval</u> - Open Session Meeting Minutes of October 2, 2025 | Chairman | 5 mins |
| 2. <u>Approval</u> - FT-3028 Miscellaneous Structural Repairs Inside Fort McHenry Tunnel | Abey Tamrat | 5 mins |
| 3. <u>Approval</u> - MR-3043 On-Call Structural Repairs and Miscellaneous Modifications | Abey Tamrat | 5 mins |
| 4. <u>Approval</u> - MA-3024 Replace CCTV at Various Facilities | Sonia Thomas | 5 mins |
| 5. <u>Update</u> - Chesapeake Bay Crossing Study: (BCST2) Tier 2 NEPA Alternatives Review | Melissa Williams | 30 mins |

Vote to Adjourn Meeting

TAB 1

**MARYLAND TRANSPORTATION AUTHORITY
CAPITAL COMMITTEE MEETING
THURSDAY, OCTOBER 2, 2025
OPEN MEETING VIA LIVESTREAMING**

OPEN SESSION

MEMBERS ATTENDING:

Mario J. Gangemi - Chairman
Samuel D. Snead
William H. Cox, Jr.
Maricela Cordova

STAFF ATTENDING:

Bruce Gartner
James Harkness
Tekeste Amare
Mary O'Keeffe
Richard Jaramillo
Natalie Henson
Kendra Joseph
Megan Mohan
John Wedemeyer
Jennifer Stump
Jeffrey P. Davis
Patricia Tracey
Evan Howard
Timothy Sheets
Ganine Steffe
Elizabeth Zito-Lynch

Member Gangemi called the meeting of the Maryland Transportation Authority (MDTA) Capital Committee to order at 9:08 a.m. The meeting was held via video conference and livestreamed on the MDTA Board Meeting web page.

APPROVAL - OPEN SESSION MEETING MINUTES OF SEPTEMBER 4, 2025

Upon motion by Member Cox and seconded by Member Snead, the Open Session meeting minutes of the Capital Committee's meeting held on September 4, 2025, were unanimously approved.

APPROVAL – 2022-04B OPERATIONAL ASSET MANAGEMENT AND SUPPORT SERVICES - SBR

Mr. Howard presented this request to seek a recommended contingent approval from the Capital Committee to present 2022-04B Operational Asset Management and Support Services - SBR to the full MDTA Board for award at its next scheduled meeting.

This Contract will provide comprehensive engineering, construction, operational and maintenance services for operational needs for Asset Management, Engineering, Construction, E-ZPass Operations, Facilities Operations, Support Services, and Traffic Management and Technology. The Consultants shall provide support for MDTA's Asset Management initiatives

such as assisting with TSO Asset Management plans and directives such as: enhancing the capabilities of the Enterprise Asset Management database known as MAXIMO, enhancing preventative maintenance and warranty programs and acting as subject matter experts (SMEs) for various operational systems such as HVAC, fire alarm/fire suppression, elevator, plumbing, roofing and other transportation asset systems. Supporting MDTA for ITS, Transportation Systems Management and Operations (TSMO), and new technology innovations with Connected and Automated Vehicles (CAV) and Electric Vehicles (EV).

Upon motion by Member Cordova and seconded by Member Snead, the Members unanimously recommended contingent approval of 2022-04B Operational Asset Management and Support Services SBR to Arya Consulting and present a contingent approval recommendation for award to the full MDTA Board at its next scheduled meeting.

APPROVAL – FRANKLINVILLE TIER II DRC MITIGATION SITE

Mr. Wedemeyer presented this request to seek a recommended contingent approval from the Capital Committee to present Franklinville Tier II DRC Mitigation Site to the full MDTA Board for award at its next scheduled meeting.

As compensatory mitigation for Tier II impacts as stipulated in the Tier II Social and Economic Justification Form for the I-95 Express Toll Lanes Northbound Extension Project dated November 2023, and approved under State of Maryland (State) law through permit No. 19-NT-0150/201960846 issued by the Maryland Department of the Environment (“MDE”), to include any successor agency, both documents of which are incorporated by reference in the DRC document, and in recognition of the continuing benefit to the Property, and for the protection of forest and waters of the State of Maryland and scenic, resource, environmental, and general property values, Declarant has agreed to execute and record the Declaration of Restrictive Covenants (“Declaration”) placing certain restrictive covenants on a Conservation Area equaling the entirety of the Property, in order that the Conservation Area shall remain substantially in its natural condition forever; and the Conservation Area may contain land, functions, values, and services that serve as mitigation for impacts within the Otter Point Creek 1 Tier II catchment that were permitted by MDE; and MDE is a third-party beneficiary under the Declaration.

Upon motion by Member Cordova and seconded by Member Snead, the Members unanimously recommended contingent approval of the Franklinville Tier II DRC Mitigation Site and present a contingent approval recommendation for award to the full MDTA Board at its next scheduled meeting.

UPDATE – CTP PROCESS/ADDITIONS

Ms. Stump provided the MDTA Capital Committee with an overview of the CTP process/Additions.

There being no further business, the meeting of the MDTA Capital Committee was adjourned by consensus at 9:25 a.m. following a motion by Member Cox and seconded by Member Cordova.

The next meeting of the MDTA Capital Committee is scheduled for Thursday, November 6, 2025, at 9:00 am, this meeting will be virtual conducted via livestream.

APPROVED AND CONCURRED IN:

Mario J. Gangemi, Chairman

TAB 2



Maryland
Transportation
Authority

CAPITAL COMMITTEE PROJECT SUMMARY

FT-3028-0000 - Miscellaneous Structural Repairs Inside Fort McHenry Tunnel

PIN NUMBER 2592
CONTRACT NUMBER FT-3028-0000
CONTRACT TITLE Miscellaneous Structural Repairs Inside Fort McHenry Tunnel

PROJECT SUMMARY The work to be performed under this contract is located at the Fort McHenry Tunnel on I-95 in Baltimore City. The work locations are the Southbound (SB) and Northbound (NB) roadways designated as Bores 1 and 2 (SB) and Bores 3 and 4 (NB). The scope of work includes miscellaneous structural concrete and steel repairs throughout the tunnel. In addition, ceiling and wall tiles replacement, retaining wall repairs at the entrance and exit of the tunnel portals are also included in the scope of work.

SCHEDULE

ADVERTISEMENT DATE Aug-25
ANTICIPATED NOTICE TO PROCEED DATE Jan-26
DURATION (CALENDER DAYS) 730

MBE PARTICIPATION

OVERALL MBE
AFRICAN AMERICAN
ASIAN AMERICAN
HISPANIC AMERICAN
WOMEN
VSBE

(\$)	
Advertised	Proposed
GOAL (%)	GOAL (%)
15.00%	15.00%
0.00%	0.00%
0.00%	0.00%
0.00%	0.00%
0.00%	15.00%
1.00%	1.00%

ENGINEER'S ESTIMATE (EE) \$6,429,882.00

BID RESULTS

BID AMOUNT (\$) **% VARIANCE TO EE**

BID PROTEST YES ☐ NO ☒

FUNDING SOURCE 100% TOLL REVENUE

Restoration East, LLC	\$5,268,778.00	-18%
M.D. Miller Co., Inc. T/A The Marksmen	\$6,993,956.10	8%
W.M. SCHLOSSER CO., INC	\$11,487,000.00	78%



MEMORANDUM

TO: DIRECTOR OF ENGINEERING, ISHTIAQUE TUNIO
FROM: PROJECT MANAGER, ABEY TAMRAT
SUBJECT: CONTRACT NO. FT-3028-0000
MISCELLANEOUS STRUCTURAL REPAIRS INSIDE FORT MCHENRY TUNNEL
BID JUSTIFICATION
DATE: October 16, 2025

On September 24, 2025, three (3) bids were opened for the referenced Contract. The bid amounts were:

- | | |
|---|-----------------|
| • Restoration East, LLC: | \$5,268,778.00 |
| • M.D. Miller Co., Inc. T/A The Marksmen Company: | \$6,993,956.10 |
| • W.M. SCHLOSSER CO., INC.: | \$11,487,000.00 |

The Engineer's Estimate (EE) for this project was \$6,429,882. The apparent low and responsive bid from Restoration East, LLC (RE) is 18% below the Engineer's Estimate. A comprehensive evaluation and justification of the bids were conducted by the Project Manager, focusing on three key areas:

1. Cost comparison of three (3) major work items lower than the EE.
2. Review of three (3) work items with apparent inflated prices as compared to the EE.
3. RE's responses to technical questions developed by the design team to assess contractor's understanding of the scope of work.

COST ANALYSIS:

The analysis first compared RE's total bid against the Engineer's Estimate. The overall difference amounts to \$1,161,104 with approximately \$845,258 (73% of the variance) attributed to three (3) major work items, detailed below:

- **Item No 4001 (Retaining Wall Cap)** - The EE for this item is \$1,128,500 and RE's bid is \$686,128.
- **Item No 4007 (Supplementary Hanger Cable)** - The EE for this item is \$264,000 while RE bid it at \$63,008.
- **Item No 4019 (Power wash and Seal Bricks – Retaining Wall)** - The EE for this item is \$336,490. RE bid this item at \$134,596.

RE's prices for Items 4001, 4007, and 4019 are significantly lower than typical costs for these types of work. However, RE affirmed confidence in its pricing and provided detailed responses that demonstrate a clear understanding of the scope and necessary resources. These prices are considered beneficial to MDTA and acceptable from both a technical and cost standpoint.

TECHNICAL REVIEW:

The design team performed a thorough review of RE's written responses to technical inquiries. The evaluation concluded that RE possesses a clear and complete understanding of the contract scope and specification requirements.

While RE does not have prior experience with MDTA-owned structures, the firm has successfully completed similar work for Federal, State, and City government agencies. In conclusion, we feel that the contractor's bid is balanced and responsive.

RECOMMENDATION:

Based on our review, RE's bid is found to be reasonable and balanced. I recommend accepting Restoration East, LLC's low bid of \$5,268,778.00.

Approved:



Ishtiaque Tunio

10/16/2025

Date

ATTACHMENTS: Bid Tabulations and comparisons

Maryland Transportation Authority

Contract Name: MISCELLANEOUS STRUCTURAL REPAIRS INSIDE FORT McHENRY TUNNEL

Contract Number: FT-3028-0000

Bid Date: September 24, 2025

Bid Tabulation

Engineer's Estimate

Low Bid Contractor - Restoration East, LLC

ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000	PARTNERING	AL	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	0.00
1002	110370	TYPE D ENGINEERS OFFICE	LS	1	\$ 300,000.00	\$ 300,000.00	\$ 121,040.00	\$ 121,040.00	-59.65
1003	130875	MOBILIZATION AND DEMOBILIZATION	LS	1	\$ 435,547.00	\$ 435,547.00	\$ 266,507.00	\$ 266,507.00	-38.81
1004	131010	TYPE B - CRITICAL PATH METHOD (CPM) SCHEDULE FOR TYPICAL PROJECTS	LS	1	\$ 75,000.00	\$ 75,000.00	\$ 11,760.00	\$ 11,760.00	-84.32
4001	400000	RETAINING WALL CAP	LF	4514	\$ 250.00	\$ 1,128,500.00	\$ 152.00	\$ 686,128.00	-39.20
4002	400000	CLEANING AND PAINTING EXISTING STRUCTURAL STEEL	SF	2	\$ 2,000.00	\$ 4,000.00	\$ 1,716.00	\$ 3,432.00	-14.20
4003	400000	CLEAR VENT	EA	81	\$ 750.00	\$ 60,750.00	\$ 38.00	\$ 3,078.00	-94.93
4004	400000	CONCRETE REPAIR	CF	586	\$ 430.00	\$ 251,980.00	\$ 405.00	\$ 237,330.00	-5.81
4005	400000	FRESH AIR DUCT REPAIR	EA	1210	\$ 2,000.00	\$ 2,420,000.00	\$ 2,112.00	\$ 2,555,520.00	5.60
4006	400000	ITS REPAIRS	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 1,597.00	\$ 3,194.00	59.70
4007	400000	SUPPLEMENTARY HANGER CABLE	EA	352	\$ 750.00	\$ 264,000.00	\$ 179.00	\$ 63,008.00	-76.13
4008	400000	REPAIR OR RELOCATE HANGER	EA	43	\$ 500.00	\$ 21,500.00	\$ 621.00	\$ 26,703.00	24.20
4009	400000	REPAIR OR REPLACE PEDESTRIAN RAILING	EA	4	\$ 1,000.00	\$ 4,000.00	\$ 1,829.00	\$ 7,316.00	82.90
4010	400000	REPLACE BROKEN JUNCTION BOX OR JUNCTION BOX COVER	EA	13	\$ 200.00	\$ 2,600.00	\$ 2,193.00	\$ 28,509.00	996.50
4011	400000	REPLACE CEILING PANEL JOINT SEAL	LF	69	\$ 500.00	\$ 34,500.00	\$ 39.00	\$ 2,691.00	-92.20
4012	400000	REPLACE CONCRETE CEILING PANEL	EA	17	\$ 5,000.00	\$ 85,000.00	\$ 4,524.00	\$ 76,908.00	-9.52
4013	400000	REPLACE DOOR	EA	13	\$ 1,500.00	\$ 19,500.00	\$ 18,839.00	\$ 244,907.00	1155.93
4014	400000	REPLACE HANGER	EA	6	\$ 5,000.00	\$ 30,000.00	\$ 2,032.00	\$ 12,192.00	-59.36
4015	400000	REPLACE HAUNCH PANEL	EA	19	\$ 5,000.00	\$ 95,000.00	\$ 6,418.00	\$ 121,942.00	28.36
4016	400000	REPLACE LEAKING ELASTOMERIC JOINT	LF	316	\$ 350.00	\$ 110,600.00	\$ 20.00	\$ 6,320.00	-94.29
4017	400000	REPLACE TILES	SF	240	\$ 175.00	\$ 42,000.00	\$ 112.00	\$ 26,880.00	-36.00

4018	400000	REPLACE OR TIGHTEN HARDWARE	EA	90	\$ 200.00	\$ 18,000.00	\$ 179.00	\$ 16,110.00	-10.50
4019	400000	POWERWASH AND SEAL BRICKS (RETAINING WALL)	SF	96140	\$ 3.50	\$ 336,490.00	\$ 1.40	\$ 134,596.00	-60.00
4020	400000	RESET CONCRETE CEILING PANEL	EA	9	\$ 2,500.00	\$ 22,500.00	\$ 415.00	\$ 3,735.00	-83.40
4021	400000	RESET HAUNCH PANEL	EA	40	\$ 2,000.00	\$ 80,000.00	\$ 415.00	\$ 16,600.00	-79.25
4022	400000	REPLACE DRAIN INLET GRATE	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 3,126.00	\$ 9,378.00	56.30
4023	434995	EPOXY PRESSURE INJECTION SEAL CRACK AND ARREST LEAK USING EPOXY CRACK INJECTION	LF	253	\$ 500.00	\$ 126,500.00	\$ 144.00	\$ 36,432.00	-71.20
4024	400000	SPARE CONCRETE CEILING PANEL	EA	10	\$ 2,500.00	\$ 25,000.00	\$ 3,571.00	\$ 35,710.00	42.84
4025	400000	REPAIR DOOR	EA	4	\$ 1,000.00	\$ 4,000.00	\$ 6,237.00	\$ 24,948.00	523.70
4026	400000	REPOINT BRICKS (RETAINING WALL)	LF	444	\$ 65.00	\$ 28,860.00	\$ 23.00	\$ 10,212.00	-64.62
4027	400000	RESET BRICKS (RETAINING WALL)	EA	61	\$ 25.00	\$ 1,525.00	\$ 64.00	\$ 3,904.00	156.00
4028	400000	REPLACE BRICKS (RETAINING WALL)	EA	4401	\$ 30.00	\$ 132,030.00	\$ 48.00	\$ 211,248.00	60.00
4029	435100	EPOXY USED FOR EPOXY PRESSURE INJECTION	QT	10	\$ 250.00	\$ 2,500.00	\$ 54.00	\$ 540.00	-78.40
4030	400000	MISCELLANEOUS REPAIRS	AL	1	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	0.00
TOTAL						\$6,429,882.00	\$	5,268,778.00	-18.06

Maryland Transportation Authority

Contract Name:

Contract Number:

Bid Date:

Bid Tabulation

Engineer's Estimate

2nd Bid - M.D. Miller Co., Inc. T/A The Marksmen Company

ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000	PARTNERING	AL	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	0.00
1002	110370	TYPE D ENGINEERS OFFICE	LS	1	\$ 300,000.00	\$ 300,000.00	\$ 162,000.00	\$ 162,000.00	-46.00
1003	130875	MOBILIZATION AND DEMOBILIZATION	LS	1	\$ 435,547.00	\$ 435,547.00	\$ 250,000.00	\$ 250,000.00	-42.60
1004	131010	TYPE B - CRITICAL PATH METHOD (CPM) SCHEDULE FOR TYPICAL PROJECTS	LS	1	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00	-33.33
4001	400000	RETAINING WALL CAP	LF	4514	\$ 250.00	\$ 1,128,500.00	\$ 66.00	\$ 297,924.00	-73.60
4002	400000	CLEANING AND PAINTING EXISTING STRUCTURAL STEEL	SF	2	\$ 2,000.00	\$ 4,000.00	\$ 50.00	\$ 100.00	-97.50
4003	400000	CLEAR VENT	EA	81	\$ 750.00	\$ 60,750.00	\$ 250.00	\$ 20,250.00	-66.67
4004	400000	CONCRETE REPAIR	CF	586	\$ 430.00	\$ 251,980.00	\$ 450.00	\$ 263,700.00	4.65
4005	400000	FRESH AIR DUCT REPAIR	EA	1210	\$ 2,000.00	\$ 2,420,000.00	\$ 3,400.00	\$ 4,114,000.00	70.00
4006	400000	ITS REPAIRS	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 5,000.00	\$ 10,000.00	400.00
4007	400000	SUPPLEMENTARY HANGER CABLE	EA	352	\$ 750.00	\$ 264,000.00	\$ 480.00	\$ 168,960.00	-36.00
4008	400000	REPAIR OR RELOCATE HANGER	EA	43	\$ 500.00	\$ 21,500.00	\$ 3,000.00	\$ 129,000.00	500.00
4009	400000	REPAIR OR REPLACE PEDESTRIAN RAILING	EA	4	\$ 1,000.00	\$ 4,000.00	\$ 2,500.00	\$ 10,000.00	150.00
4010	400000	REPLACE BROKEN JUNCTION BOX OR JUNCTION BOX COVER	EA	13	\$ 200.00	\$ 2,600.00	\$ 1,000.00	\$ 13,000.00	400.00
4011	400000	REPLACE CEILING PANEL JOINT SEAL	LF	69	\$ 500.00	\$ 34,500.00	\$ 200.00	\$ 13,800.00	-60.00
4012	400000	REPLACE CONCRETE CEILING PANEL	EA	17	\$ 5,000.00	\$ 85,000.00	\$ 12,500.00	\$ 212,500.00	150.00
4013	400000	REPLACE DOOR	EA	13	\$ 1,500.00	\$ 19,500.00	\$ 10,000.00	\$ 130,000.00	566.67
4014	400000	REPLACE HANGER	EA	6	\$ 5,000.00	\$ 30,000.00	\$ 2,500.00	\$ 15,000.00	-50.00
4015	400000	REPLACE HAUNCH PANEL	EA	19	\$ 5,000.00	\$ 95,000.00	\$ 12,000.00	\$ 228,000.00	140.00
4016	400000	REPLACE LEAKING ELASTOMERIC JOINT	LF	316	\$ 350.00	\$ 110,600.00	\$ 120.00	\$ 37,920.00	-65.71
4017	400000	REPLACE TILES	SF	240	\$ 175.00	\$ 42,000.00	\$ 50.00	\$ 12,000.00	-71.43
4018	400000	REPLACE OR TIGHTEN HARDWARE	EA	90	\$ 200.00	\$ 18,000.00	\$ 200.00	\$ 18,000.00	0.00

4019	400000	POWERWASH AND SEAL BRICKS (RETAINING WALL)	SF	96140	\$ 3.50	\$ 336,490.00	\$ 1.30	\$ 124,982.00	-62.86
4020	400000	RESET CONCRETE CEILING PANEL	EA	9	\$ 2,500.00	\$ 22,500.00	\$ 5,000.00	\$ 45,000.00	100.00
4021	400000	RESET HAUNCH PANEL	EA	40	\$ 2,000.00	\$ 80,000.00	\$ 5,000.00	\$ 200,000.00	150.00
4022	400000	REPLACE DRAIN INLET GRATE	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 3,500.00	\$ 10,500.00	75.00
4023	434995	EPOXY PRESSURE INJECTION SEAL CRACK AND ARREST LEAK USING EPOXY CRACK INJECTION	LF	253	\$ 500.00	\$ 126,500.00	\$ 150.00	\$ 37,950.00	-70.00
4024	400000	SPARE CONCRETE CEILING PANEL	EA	10	\$ 2,500.00	\$ 25,000.00	\$ 8,000.00	\$ 80,000.00	220.00
4025	400000	REPAIR DOOR	EA	4	\$ 1,000.00	\$ 4,000.00	\$ 2,000.00	\$ 8,000.00	100.00
4026	400000	REPOINT BRICKS (RETAINING WALL)	LF	444	\$ 65.00	\$ 28,860.00	\$ 10.00	\$ 4,440.00	-84.62
4027	400000	RESET BRICKS (RETAINING WALL)	EA	61	\$ 25.00	\$ 1,525.00	\$ 15.00	\$ 915.00	-40.00
4028	400000	REPLACE BRICKS (RETAINING WALL)	EA	4401	\$ 30.00	\$ 132,030.00	\$ 15.00	\$ 66,015.00	-50.00
4029	435100	EPOXY USED FOR EPOXY PRESSURE INJECTION	QT	10	\$ 250.00	\$ 2,500.00	\$ 0.01	\$ 0.10	-100.00
4030	400000	MISCELLANEOUS REPAIRS	AL	1	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	0.00
TOTAL						\$6,429,882.00	\$	6,993,956.10	8.77

Maryland Transportation Authority

Contract Name:

Contract Number:

Bid Date:

Bid Tabulation

Engineer's Estimate

3rd Bid - W.M. SCHLOSSER CO., INC.

ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000	PARTNERING	AL	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	0.00
1002	110370	TYPE D ENGINEERS OFFICE	LS	1	\$ 300,000.00	\$ 300,000.00	\$ 99,820.00	\$ 99,820.00	-66.73
1003	130875	MOBILIZATION AND DEMOBILIZATION	LS	1	\$ 435,547.00	\$ 435,547.00	\$ 1,100,000.00	\$ 1,100,000.00	152.56
1004	131010	TYPE B - CRITICAL PATH METHOD (CPM) SCHEDULE FOR TYPICAL PROJECTS	LS	1	\$ 75,000.00	\$ 75,000.00	\$ 25,000.00	\$ 25,000.00	-66.67
4001	400000	RETAINING WALL CAP	LF	4514	\$ 250.00	\$ 1,128,500.00	\$ 240.00	\$ 1,083,360.00	-4.00
4002	400000	CLEANING AND PAINTING EXISTING STRUCTURAL STEEL	SF	2	\$ 2,000.00	\$ 4,000.00	\$ 7,000.00	\$ 14,000.00	250.00
4003	400000	CLEAR VENT	EA	81	\$ 750.00	\$ 60,750.00	\$ 6,000.00	\$ 486,000.00	700.00
4004	400000	CONCRETE REPAIR	CF	586	\$ 430.00	\$ 251,980.00	\$ 1,500.00	\$ 879,000.00	248.84
4005	400000	FRESH AIR DUCT REPAIR	EA	1210	\$ 2,000.00	\$ 2,420,000.00	\$ 3,236.00	\$ 3,915,560.00	61.80
4006	400000	ITS REPAIRS	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 7,500.00	\$ 15,000.00	650.00
4007	400000	SUPPLEMENTARY HANGER CABLE	EA	352	\$ 750.00	\$ 264,000.00	\$ 680.00	\$ 239,360.00	-9.33
4008	400000	REPAIR OR RELOCATE HANGER	EA	43	\$ 500.00	\$ 21,500.00	\$ 8,000.00	\$ 344,000.00	1500.00
4009	400000	REPAIR OR REPLACE PEDESTRIAN RAILING	EA	4	\$ 1,000.00	\$ 4,000.00	\$ 4,000.00	\$ 16,000.00	300.00
4010	400000	REPLACE BROKEN JUNCTION BOX OR JUNCTION BOX COVER	EA	13	\$ 200.00	\$ 2,600.00	\$ 8,000.00	\$ 104,000.00	3900.00
4011	400000	REPLACE CEILING PANEL JOINT SEAL	LF	69	\$ 500.00	\$ 34,500.00	\$ 1,000.00	\$ 69,000.00	100.00
4012	400000	REPLACE CONCRETE CEILING PANEL	EA	17	\$ 5,000.00	\$ 85,000.00	\$ 18,000.00	\$ 306,000.00	260.00
4013	400000	REPLACE DOOR	EA	13	\$ 1,500.00	\$ 19,500.00	\$ 25,000.00	\$ 325,000.00	1566.67
4014	400000	REPLACE HANGER	EA	6	\$ 5,000.00	\$ 30,000.00	\$ 11,000.00	\$ 66,000.00	120.00
4015	400000	REPLACE HAUNCH PANEL	EA	19	\$ 5,000.00	\$ 95,000.00	\$ 12,000.00	\$ 228,000.00	140.00

4016	400000	REPLACE LEAKING ELASTOMERIC JOINT	LF	316	\$ 350.00	\$ 110,600.00	\$ 700.00	\$ 221,200.00	100.00
4017	400000	REPLACE TILES	SF	240	\$ 175.00	\$ 42,000.00	\$ 900.00	\$ 216,000.00	414.29
4018	400000	REPLACE OR TIGHTEN HARDWARE	EA	90	\$ 200.00	\$ 18,000.00	\$ 900.00	\$ 81,000.00	350.00
4019	400000	POWERWASH AND SEAL BRICKS (RETAINING WALL)	SF	96140	\$ 3.50	\$ 336,490.00	\$ 8.00	\$ 769,120.00	128.57
4020	400000	RESET CONCRETE CEILING PANEL	EA	9	\$ 2,500.00	\$ 22,500.00	\$ 3,000.00	\$ 27,000.00	20.00
4021	400000	RESET HAUNCH PANEL	EA	40	\$ 2,000.00	\$ 80,000.00	\$ 2,800.00	\$ 112,000.00	40.00
4022	400000	REPLACE DRAIN INLET GRATE	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 19,000.00	\$ 57,000.00	850.00
4023	434995	EPOXY PRESSURE INJECTION SEAL CRACK AND ARREST LEAK USING EPOXY CRACK INJECTION	LF	253	\$ 500.00	\$ 126,500.00	\$ 400.00	\$ 101,200.00	-20.00
4024	400000	SPARE CONCRETE CEILING PANEL	EA	10	\$ 2,500.00	\$ 25,000.00	\$ 13,000.00	\$ 130,000.00	420.00
4025	400000	REPAIR DOOR	EA	4	\$ 1,000.00	\$ 4,000.00	\$ 7,000.00	\$ 28,000.00	600.00
4026	400000	REPOINT BRICKS (RETAINING WALL)	LF	444	\$ 65.00	\$ 28,860.00	\$ 50.00	\$ 22,200.00	-23.08
4027	400000	RESET BRICKS (RETAINING WALL)	EA	61	\$ 25.00	\$ 1,525.00	\$ 150.00	\$ 9,150.00	500.00
4028	400000	REPLACE BRICKS (RETAINING WALL)	EA	4401	\$ 30.00	\$ 132,030.00	\$ 30.00	\$ 132,030.00	0.00
4029	435100	EPOXY USED FOR EPOXY PRESSURE INJECTION	QT	10	\$ 250.00	\$ 2,500.00	\$ 600.00	\$ 6,000.00	140.00
4030	400000	MISCELLANEOUS REPAIRS	AL	1	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	0.00
TOTAL					\$6,429,882.00		\$	11,487,000.00	78.65

TAB 3



Maryland
Transportation
Authority

CAPITAL COMMITTEE PROJECT SUMMARY

MR-3043-000 - On-Call Structural Repairs and Miscellaneous Modifications

PIN NUMBER 2665
CONTRACT NUMBER MR-3043-000
CONTRACT TITLE On-Call Structural Repairs and Miscellaneous Modifications

PROJECT SUMMARY This project is a multi-award for three (3) contracts to provide labor, equipment, materials, etc... necessary to perform miscellaneous structural, concrete, and other types of repairs, upgrades, replacements, and new construction as directed by the Engineer. This work may be required on any portion (bridge, tunnel, highway, building, and all appurtenances) of any of the MDTA's facilities.

SCHEDULE

ADVERTISEMENT DATE 7/30/2025
ANTICIPATED NOTICE TO PROCEED DATE Dec-25
DURATION (CALENDER DAYS) 1,095

MBE PARTICIPATION

OVERALL MBE
AFRICAN AMERICAN
ASIAN AMERICAN
HISPANIC AMERICAN
WOMEN
VSBE

	(\$) Advertised GOAL (%)	Proposed GOAL (%)
OVERALL MBE	19.00%	19.00%
AFRICAN AMERICAN	0.00%	0.00%
ASIAN AMERICAN	0.00%	0.00%
HISPANIC AMERICAN	0.00%	0.00%
WOMEN	0.00%	0.00%
VSBE	1.00%	1.00%

ENGINEER'S ESTIMATE (EE) \$13,999,700.00

BID RESULTS

BID AMOUNT (\$) **% VARIANCE TO EE**

BID PROTEST YES ☐ NO ☒

FUNDING SOURCE 100% TOLL REVENUE

Brawner Builders, Inc	\$9,665,734.21	-31%
M. D. Miller t/a The Marksmen	\$9,755,230.35	-30%
Concrete General, Inc.	\$12,999,226.20	-7%
Freyssinet, LLC	\$14,999,580.00	7%
Southern Road & Bridge LLC	\$27,524,200.00	97%

Maryland Transportation Authority
Contract Name: On-Call Structural Repairs and Miscellaneous Modifications
Contract Number: MR-3043-0000
Bid Date: September 24, 2025

Bid Tabulation

Engineer's Estimate

Low Bid Contractor: **BRAWNER BUILDERS, INC.**

ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000-UD	FLAGGER	UD	30	\$ 1,600.00	\$ 48,000.00	\$ 1,200.00	\$ 36,000.00	-25.00
1002	110370	ENGINEERS' OFFICE – TYPE D	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 0.01	\$ 0.01	-100.00
1003	100000-AL	DIRECT HIRE CONTRACTOR PROTECTIVE SERVICES	AL	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	0.00
1004	100000-AL	RAILROAD EXPENSE	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	0.00
1005	100000-UD	PROTECTION VEHICLE	UD	250	\$ 300.00	\$ 75,000.00	\$ 250.00	\$ 62,500.00	-16.67
1006	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	250	\$ 1,500.00	\$ 375,000.00	\$ 2,500.00	\$ 625,000.00	66.67
1007	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	20	\$ 2,000.00	\$ 40,000.00	\$ 2,500.00	\$ 50,000.00	25.00
1008	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	500	\$ 800.00	\$ 400,000.00	\$ 500.00	\$ 250,000.00	-37.50
1009	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 0.01	\$ 0.30	-100.00
1010	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 0.01	\$ 0.30	-100.00
1011	100000-LF	TEMPORARY CONCRETE TRAFFIC BARRIER (TCB) FOR MAINTENANCE OF TRAFFIC	LF	1,500	\$ 60.00	\$ 90,000.00	\$ 50.00	\$ 75,000.00	-16.67
1012	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARREL FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 3,000.00	\$ 150,000.00	1400.00
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	500	\$ 120.00	\$ 60,000.00	\$ 0.01	\$ 5.00	-99.99
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	3,000	\$ 90.00	\$ 270,000.00	\$ 75.00	\$ 225,000.00	-16.67
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	500	\$ 100.00	\$ 50,000.00	\$ 0.01	\$ 5.00	-99.99
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	1,000	\$ 90.00	\$ 90,000.00	\$ 75.00	\$ 75,000.00	-16.67
4005	492651	SKILLED LABOR	HR	85,000	\$ 90.00	\$ 7,650,000.00	\$ 64.00	\$ 5,440,000.00	-28.89
4006	400000-HR	FOREMAN INCLUDING HIS/HER LIGHT DUTY TRUCK	HR	21,250	\$ 100.00	\$ 2,125,000.00	\$ 0.01	\$ 212.50	-99.99
4007	400000-UD	BOAT CAPTAIN INCLUDING A BOAT	UD	50	\$ 650.00	\$ 32,500.00	\$ 150.00	\$ 7,500.00	-76.92
4008	400000-HR	WELDER WITH TRUCK AND WELDING MACHINE	HR	700	\$ 100.00	\$ 70,000.00	\$ 150.00	\$ 105,000.00	50.00
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	200	\$ 250.00	\$ 50,000.00	\$ 0.01	\$ 2.00	-100.00
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 0.01	\$ 1.50	-100.00
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	100	\$ 200.00	\$ 20,000.00	\$ 200.00	\$ 20,000.00	0.00
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	100	\$ 240.00	\$ 24,000.00	\$ 0.01	\$ 1.00	-100.00

4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	125	\$ 400.00	\$ 50,000.00	\$ 2,500.00	\$ 312,500.00	525.00
4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	300	\$ 350.00	\$ 105,000.00	\$ 0.01	\$ 3.00	-100.00
4015	400000-UD	PORTABLE LIGHT TREE	UD	25	\$ 320.00	\$ 8,000.00	\$ 200.00	\$ 5,000.00	-37.50
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS.	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 0.01	\$ 0.50	-100.00
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 800.00	\$ 40,000.00	\$ 0.01	\$ 0.50	-100.00
4018	400000-UD	SINGLE AXLE DUMP TRUCK, 9 CY, WITH OPERATOR	UD	40	\$ 500.00	\$ 20,000.00	\$ 800.00	\$ 32,000.00	60.00
4019	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY, WITH OPERATOR	UD	75	\$ 800.00	\$ 60,000.00	\$ 0.01	\$ 0.75	-100.00
4020	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY, WITH OPERATOR	UD	65	\$ 900.00	\$ 58,500.00	\$ 0.01	\$ 0.65	-100.00
4021	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY.	UD	30	\$ 600.00	\$ 18,000.00	\$ 1,000.00	\$ 30,000.00	66.67
4022	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY.	UD	30	\$ 500.00	\$ 15,000.00	\$ 500.00	\$ 15,000.00	0.00
4023	400000-UD	TRACK LOADER, 1 C Y-2.5 CY., MIN. 140 HP	UD	30	\$ 750.00	\$ 22,500.00	\$ 0.01	\$ 0.30	-100.00
4024	400000-UD	SKID STEER LOADER, 45 HP-75 HP.	UD	300	\$ 350.00	\$ 105,000.00	\$ 500.00	\$ 150,000.00	42.86
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM (UP TO 59 FT. REACH BELOW)	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 2,500.00	\$ 125,000.00	150.00
4026	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET WITH ARTICULATING BOOM (UP TO 70 FT. REACH BELOW BRIDGE EXTENSION)	UD	50	\$ 1,300.00	\$ 65,000.00	\$ 2,500.00	\$ 125,000.00	92.31
4027	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	90	\$ 80.00	\$ 7,200.00	\$ 0.01	\$ 0.90	-99.99
4028	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	0.00
4029	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
4030	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
TOTAL					\$13,999,700.00		\$ 9,665,734.21		-30.96

Maryland Transportation Authority

Contract Name: On-Call Structural Repairs and Miscellaneous Modifications

Contract Number: MR-3043-0000

Bid Date: September 24, 2025

Bid Tabulation

Engineer's Estimate

M. D. MILLER COMPANY, INC (2-nd Low Bidder)

ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000-UD	FLAGGER	UD	30	\$ 1,600.00	\$ 48,000.00	\$ 1,000.00	\$ 30,000.00	-37.50
1002	110370	ENGINEERS' OFFICE – TYPE D	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 300,000.00	\$ 300,000.00	900.00
1003	100000-AL	DIRECT HIRE CONTRACTOR PROTECTIVE SERVICES	AL	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	0.00
1004	100000-AL	RAILROAD EXPENSE	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	0.00
1005	100000-UD	PROTECTION VEHICLE	UD	250	\$ 300.00	\$ 75,000.00	\$ 250.00	\$ 62,500.00	-16.67
1006	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	250	\$ 1,500.00	\$ 375,000.00	\$ 1,500.00	\$ 375,000.00	0.00
1007	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	20	\$ 2,000.00	\$ 40,000.00	\$ 2,000.00	\$ 40,000.00	0.00
1008	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	500	\$ 800.00	\$ 400,000.00	\$ 0.01	\$ 5.00	-100.00
1009	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 500.00	\$ 15,000.00	42.86
1010	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 500.00	\$ 15,000.00	42.86
1011	100000-LF	TEMPORARY CONCRETE TRAFFIC BARRIER (TCB) FOR MAINTENANCE OF TRAFFIC	LF	1,500	\$ 60.00	\$ 90,000.00	\$ 75.00	\$ 112,500.00	25.00
1012	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARREL FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 500.00	\$ 25,000.00	150.00
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	500	\$ 120.00	\$ 60,000.00	\$ 100.00	\$ 50,000.00	-16.67
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	3,000	\$ 90.00	\$ 270,000.00	\$ 100.00	\$ 300,000.00	11.11
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	500	\$ 100.00	\$ 50,000.00	\$ 100.00	\$ 50,000.00	0.00
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	1,000	\$ 90.00	\$ 90,000.00	\$ 100.00	\$ 100,000.00	11.11
4005	492651	SKILLED LABOR	HR	85,000	\$ 90.00	\$ 7,650,000.00	\$ 68.00	\$ 5,780,000.00	-24.44
4006	400000-HR	FOREMAN INCLUDING HIS/HER LIGHT DUTY TRUCK	HR	21,250	\$ 100.00	\$ 2,125,000.00	\$ 0.01	\$ 212.50	-99.99
4007	400000-UD	BOAT CAPTAIN INCLUDING A BOAT	UD	50	\$ 650.00	\$ 32,500.00	\$ 150.00	\$ 7,500.00	-76.92
4008	400000-HR	WELDER WITH TRUCK AND WELDING MACHINE	HR	700	\$ 100.00	\$ 70,000.00	\$ 150.00	\$ 105,000.00	50.00
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	200	\$ 250.00	\$ 50,000.00	\$ 0.01	\$ 2.00	-100.00
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 200.00	\$ 30,000.00	-33.33
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	100	\$ 200.00	\$ 20,000.00	\$ 500.00	\$ 50,000.00	150.00
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	100	\$ 240.00	\$ 24,000.00	\$ 0.01	\$ 1.00	-100.00
4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	125	\$ 400.00	\$ 50,000.00	\$ 2,500.00	\$ 312,500.00	525.00

4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	300	\$ 350.00	\$ 105,000.00	\$ 0.01	\$ 3.00	-100.00
4015	400000-UD	PORTABLE LIGHT TREE	UD	25	\$ 320.00	\$ 8,000.00	\$ 1,000.00	\$ 25,000.00	212.50
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS.	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 0.01	\$ 0.50	-100.00
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 800.00	\$ 40,000.00	\$ 0.01	\$ 0.50	-100.00
4018	400000-UD	SINGLE AXLE DUMP TRUCK, 9 CY, WITH OPERATOR	UD	40	\$ 500.00	\$ 20,000.00	\$ 0.01	\$ 0.40	-100.00
4019	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY, WITH OPERATOR	UD	75	\$ 800.00	\$ 60,000.00	\$ 0.01	\$ 0.75	-100.00
4020	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY, WITH OPERATOR	UD	65	\$ 900.00	\$ 58,500.00	\$ 1,000.00	\$ 65,000.00	11.11
4021	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY.	UD	30	\$ 600.00	\$ 18,000.00	\$ 500.00	\$ 15,000.00	-16.67
4022	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY.	UD	30	\$ 500.00	\$ 15,000.00	\$ 500.00	\$ 15,000.00	0.00
4023	400000-UD	TRACK LOADER, 1 C Y-2.5 CY., MIN. 140 HP	UD	30	\$ 750.00	\$ 22,500.00	\$ 0.01	\$ 0.30	-100.00
4024	400000-UD	SKID STEER LOADER, 45 HP-75 HP.	UD	300	\$ 350.00	\$ 105,000.00	\$ 0.01	\$ 3.00	-100.00
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM (UP TO 59 FT. REACH BELOW)	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 0.01	\$ 0.50	-100.00
4026	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET WITH ARTICULATING BOOM (UP TO 70 FT. REACH BELOW BRIDGE EXTENSION)	UD	50	\$ 1,300.00	\$ 65,000.00	\$ 2,500.00	\$ 125,000.00	92.31
4027	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	90	\$ 80.00	\$ 7,200.00	\$ 0.01	\$ 0.90	-99.99
4028	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	0.00
4029	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
4030	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00

TOTAL

\$13,999,700.00

\$ 9,755,230.35

-30.32

Maryland Transportation Authority
Contract Name: On-Call Structural Repairs and Miscellaneous Modifications
Contract Number: MR-3043-0000
Bid Date: September 24, 2025

Bid Tabulation

Engineer's Estimate

CONCRETE GENERAL, INC. (3-rd Low Bidder)

ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000-UD	FLAGGER	UD	30	\$ 1,600.00	\$ 48,000.00	\$ 1,400.00	\$ 42,000.00	-12.50
1002	110370	ENGINEERS' OFFICE – TYPE D	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 298,000.00	\$ 298,000.00	893.33
1003	100000-AL	DIRECT HIRE CONTRACTOR PROTECTIVE SERVICES	AL	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	0.00
1004	100000-AL	RAILROAD EXPENSE	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	0.00
1005	100000-UD	PROTECTION VEHICLE	UD	250	\$ 300.00	\$ 75,000.00	\$ 800.00	\$ 200,000.00	166.67
1006	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	250	\$ 1,500.00	\$ 375,000.00	\$ 0.01	\$ 2.50	-100.00
1007	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	20	\$ 2,000.00	\$ 40,000.00	\$ 0.01	\$ 0.20	-100.00
1008	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	500	\$ 800.00	\$ 400,000.00	\$ 0.01	\$ 5.00	-100.00
1009	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 0.01	\$ 0.30	-100.00
1010	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 0.01	\$ 0.30	-100.00
1011	100000-LF	TEMPORARY CONCRETE TRAFFIC BARRIER (TCB) FOR MAINTENANCE OF TRAFFIC	LF	1,500	\$ 60.00	\$ 90,000.00	\$ 10.00	\$ 15,000.00	-83.33
1012	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARREL FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 450.00	\$ 22,500.00	125.00
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	500	\$ 120.00	\$ 60,000.00	\$ 120.00	\$ 60,000.00	0.00
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	3,000	\$ 90.00	\$ 270,000.00	\$ 120.00	\$ 360,000.00	33.33
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	500	\$ 100.00	\$ 50,000.00	\$ 120.00	\$ 60,000.00	20.00
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	1,000	\$ 90.00	\$ 90,000.00	\$ 120.00	\$ 120,000.00	33.33
4005	492651	SKILLED LABOR	HR	85,000	\$ 90.00	\$ 7,650,000.00	\$ 105.00	\$ 8,925,000.00	16.67
4006	400000-HR	FOREMAN INCLUDING HIS/HER LIGHT DUTY TRUCK	HR	21,250	\$ 100.00	\$ 2,125,000.00	\$ 0.01	\$ 212.50	-99.99
4007	400000-UD	BOAT CAPTAIN INCLUDING A BOAT	UD	50	\$ 650.00	\$ 32,500.00	\$ 600.00	\$ 30,000.00	-7.69
4008	400000-HR	WELDER WITH TRUCK AND WELDING MACHINE	HR	700	\$ 100.00	\$ 70,000.00	\$ 120.00	\$ 84,000.00	20.00
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	200	\$ 250.00	\$ 50,000.00	\$ 0.01	\$ 2.00	-100.00
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 0.01	\$ 1.50	-100.00
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	100	\$ 200.00	\$ 20,000.00	\$ 300.00	\$ 30,000.00	50.00
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	100	\$ 240.00	\$ 24,000.00	\$ 0.01	\$ 1.00	-100.00
4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	125	\$ 400.00	\$ 50,000.00	\$ 3,100.00	\$ 387,500.00	675.00

4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	300	\$ 350.00	\$ 105,000.00	\$ 200.00	\$ 60,000.00	-42.86
4015	400000-UD	PORTABLE LIGHT TREE	UD	25	\$ 320.00	\$ 8,000.00	\$ 200.00	\$ 5,000.00	-37.50
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS.	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 200.00	\$ 10,000.00	-80.00
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 800.00	\$ 40,000.00	\$ 320.00	\$ 16,000.00	-60.00
4018	400000-UD	SINGLE AXLE DUMP TRUCK, 9 CY, WITH OPERATOR	UD	40	\$ 500.00	\$ 20,000.00	\$ 850.00	\$ 34,000.00	70.00
4019	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY, WITH OPERATOR	UD	75	\$ 800.00	\$ 60,000.00	\$ 900.00	\$ 67,500.00	12.50
4020	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY, WITH OPERATOR	UD	65	\$ 900.00	\$ 58,500.00	\$ 900.00	\$ 58,500.00	0.00
4021	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY.	UD	30	\$ 600.00	\$ 18,000.00	\$ 640.00	\$ 19,200.00	6.67
4022	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY.	UD	30	\$ 500.00	\$ 15,000.00	\$ 520.00	\$ 15,600.00	4.00
4023	400000-UD	TRACK LOADER, 1 C Y-2.5 CY., MIN. 140 HP	UD	30	\$ 750.00	\$ 22,500.00	\$ 240.00	\$ 7,200.00	-68.00
4024	400000-UD	SKID STEER LOADER, 45 HP-75 HP.	UD	300	\$ 350.00	\$ 105,000.00	\$ 240.00	\$ 72,000.00	-31.43
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM (UP TO 59 FT. REACH BELOW)	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 2,500.00	\$ 125,000.00	150.00
4026	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET WITH ARTICULATING BOOM (UP TO 70 FT. REACH BELOW BRIDGE EXTENSION)	UD	50	\$ 1,300.00	\$ 65,000.00	\$ 2,500.00	\$ 125,000.00	92.31
4027	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	90	\$ 80.00	\$ 7,200.00	\$ 0.01	\$ 0.90	-99.99
4028	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	0.00
4029	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
4030	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00

TOTAL

\$13,999,700.00

\$ 12,999,226.20

-7.15

Maryland Transportation Authority

Contract Name: On-Call Structural Repairs and Miscellaneous Modifications

Contract Number: MR-3043-0000

Bid Date: September 24, 2025

Bid Tabulation

Engineer's Estimate

FREYSSINET, LLC (4-th Low Bidder)

ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000-UD	FLAGGER	UD	30	\$ 1,600.00	\$ 48,000.00	\$ 2,710.00	\$ 81,300.00	69.38
1002	110370	ENGINEERS' OFFICE – TYPE D	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 198,000.00	\$ 198,000.00	560.00
1003	100000-AL	DIRECT HIRE CONTRACTOR PROTECTIVE SERVICES	AL	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	0.00
1004	100000-AL	RAILROAD EXPENSE	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	0.00
1005	100000-UD	PROTECTION VEHICLE	UD	250	\$ 300.00	\$ 75,000.00	\$ 505.00	\$ 126,250.00	68.33
1006	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	250	\$ 1,500.00	\$ 375,000.00	\$ 2,710.00	\$ 677,500.00	80.67
1007	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	20	\$ 2,000.00	\$ 40,000.00	\$ 5,420.00	\$ 108,400.00	171.00
1008	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	500	\$ 800.00	\$ 400,000.00	\$ 2,710.00	\$ 1,355,000.00	238.75
1009	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 3,210.00	\$ 96,300.00	817.14
1010	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 3,210.00	\$ 96,300.00	817.14
1011	100000-LF	TEMPORARY CONCRETE TRAFFIC BARRIER (TCB) FOR MAINTENANCE OF TRAFFIC	LF	1,500	\$ 60.00	\$ 90,000.00	\$ 94.00	\$ 141,000.00	56.67
1012	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARREL FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 250.00	\$ 12,500.00	25.00
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	500	\$ 120.00	\$ 60,000.00	\$ 52.00	\$ 26,000.00	-56.67
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	3,000	\$ 90.00	\$ 270,000.00	\$ 225.00	\$ 675,000.00	150.00
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	500	\$ 100.00	\$ 50,000.00	\$ 370.00	\$ 185,000.00	270.00
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	1,000	\$ 90.00	\$ 90,000.00	\$ 225.00	\$ 225,000.00	150.00
4005	492651	SKILLED LABOR	HR	85,000	\$ 90.00	\$ 7,650,000.00	\$ 73.00	\$ 6,205,000.00	-18.89
4006	400000-HR	FOREMAN INCLUDING HIS/HER LIGHT DUTY TRUCK	HR	21,250	\$ 100.00	\$ 2,125,000.00	\$ 90.00	\$ 1,912,500.00	-10.00
4007	400000-UD	BOAT CAPTAIN INCLUDING A BOAT	UD	50	\$ 650.00	\$ 32,500.00	\$ 755.00	\$ 37,750.00	16.15
4008	400000-HR	WELDER WITH TRUCK AND WELDING MACHINE	HR	700	\$ 100.00	\$ 70,000.00	\$ 190.00	\$ 133,000.00	90.00
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	200	\$ 250.00	\$ 50,000.00	\$ 310.00	\$ 62,000.00	24.00
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 775.00	\$ 116,250.00	158.33
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	100	\$ 200.00	\$ 20,000.00	\$ 290.00	\$ 29,000.00	45.00
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	100	\$ 240.00	\$ 24,000.00	\$ 405.00	\$ 40,500.00	68.75
4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	125	\$ 400.00	\$ 50,000.00	\$ 115.00	\$ 14,375.00	-71.25

4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	300	\$ 350.00	\$ 105,000.00	\$ 410.00	\$ 123,000.00	17.14
4015	400000-UD	PORTABLE LIGHT TREE	UD	25	\$ 320.00	\$ 8,000.00	\$ 99.00	\$ 2,475.00	-69.06
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS.	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 450.00	\$ 22,500.00	-55.00
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 800.00	\$ 40,000.00	\$ 330.00	\$ 16,500.00	-58.75
4018	400000-UD	SINGLE AXLE DUMP TRUCK, 9 CY, WITH OPERATOR	UD	40	\$ 500.00	\$ 20,000.00	\$ 1,010.00	\$ 40,400.00	102.00
4019	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY, WITH OPERATOR	UD	75	\$ 800.00	\$ 60,000.00	\$ 1,260.00	\$ 94,500.00	57.50
4020	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY, WITH OPERATOR	UD	65	\$ 900.00	\$ 58,500.00	\$ 1,760.00	\$ 114,400.00	95.56
4021	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY.	UD	30	\$ 600.00	\$ 18,000.00	\$ 460.00	\$ 13,800.00	-23.33
4022	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY.	UD	30	\$ 500.00	\$ 15,000.00	\$ 300.00	\$ 9,000.00	-40.00
4023	400000-UD	TRACK LOADER, 1 C Y-2.5 CY., MIN. 140 HP	UD	30	\$ 750.00	\$ 22,500.00	\$ 460.00	\$ 13,800.00	-38.67
4024	400000-UD	SKID STEER LOADER, 45 HP-75 HP.	UD	300	\$ 350.00	\$ 105,000.00	\$ 185.00	\$ 55,500.00	-47.14
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM (UP TO 59 FT. REACH BELOW)	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 570.00	\$ 28,500.00	-43.00
4026	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET WITH ARTICULATING BOOM (UP TO 70 FT. REACH BELOW BRIDGE EXTENSION)	UD	50	\$ 1,300.00	\$ 65,000.00	\$ 3,150.00	\$ 157,500.00	142.31
4027	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	90	\$ 80.00	\$ 7,200.00	\$ 42.00	\$ 3,780.00	-47.50
4028	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	0.00
4029	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
4030	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
TOTAL					\$13,999,700.00		\$ 14,999,580.00		7.14

Maryland Transportation Authority
Contract Name: On-Call Structural Repairs and Miscellaneous Modifications
Contract Number: MR-3043-0000
Bid Date: September 24, 2025

Bid Tabulation

Engineer's Estimate					SOUTHERN ROAD & BRIDGE, LLC (5-TH Low Bidder)				
ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000-UD	FLAGGER	UD	30	\$ 1,600.00	\$ 48,000.00	\$ 3,000.00	\$ 90,000.00	87.50
1002	110370	ENGINEERS' OFFICE – TYPE D	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 225,000.00	\$ 225,000.00	650.00
1003	100000-AL	DIRECT HIRE CONTRACTOR PROTECTIVE SERVICES	AL	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	0.00
1004	100000-AL	RAILROAD EXPENSE	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	0.00
1005	100000-UD	PROTECTION VEHICLE	UD	250	\$ 300.00	\$ 75,000.00	\$ 1,500.00	\$ 375,000.00	400.00
1006	100000-UD	TEMPORARY SINGLE LANE CLOSURE	UD	250	\$ 1,500.00	\$ 375,000.00	\$ 2,450.00	\$ 612,500.00	63.33
1007	100000-UD	TEMPORARY DOUBLE LANE CLOSURE	UD	20	\$ 2,000.00	\$ 40,000.00	\$ 2,950.00	\$ 59,000.00	47.50
1008	100000-UD	TEMPORARY SHOULDER CLOSURE	UD	500	\$ 800.00	\$ 400,000.00	\$ 2,450.00	\$ 1,225,000.00	206.25
1009	100000-UD	TEMPORARY ENTRANCE RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 2,450.00	\$ 73,500.00	600.00
1010	100000-UD	TEMPORARY EXIT RAMP TREATMENT	UD	30	\$ 350.00	\$ 10,500.00	\$ 2,450.00	\$ 73,500.00	600.00
1011	100000-LF	TEMPORARY CONCRETE TRAFFIC BARRIER (TCB) FOR MAINTENANCE OF TRAFFIC	LF	1,500	\$ 60.00	\$ 90,000.00	\$ 45.00	\$ 67,500.00	-25.00
1012	120750	TEMPORARY CRASH CUSHION SAND FILLED PLASTIC BARREL FOR MOT	BBL	50	\$ 200.00	\$ 10,000.00	\$ 685.00	\$ 34,250.00	242.50
4001	400000-SF	FULL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	500	\$ 120.00	\$ 60,000.00	\$ 425.00	\$ 212,500.00	254.17
4002	400000-SF	TYPE III DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	3,000	\$ 90.00	\$ 270,000.00	\$ 305.00	\$ 915,000.00	238.89
4003	400000-SF	TYPE IV DECK REPAIRS IN REINFORCED CONCRETE DECK	SF	500	\$ 100.00	\$ 50,000.00	\$ 400.00	\$ 200,000.00	300.00
4004	400000-SF	PARTIAL DEPTH DECK REPAIRS IN CONCRETE STEEL GRID DECK	SF	1,000	\$ 90.00	\$ 90,000.00	\$ 370.00	\$ 370,000.00	311.11
4005	492651	SKILLED LABOR	HR	85,000	\$ 90.00	\$ 7,650,000.00	\$ 155.00	\$ 13,175,000.00	72.22
4006	400000-HR	FOREMAN INCLUDING HIS/HER LIGHT DUTY TRUCK	HR	21,250	\$ 100.00	\$ 2,125,000.00	\$ 245.00	\$ 5,206,250.00	145.00
4007	400000-UD	BOAT CAPTAIN INCLUDING A BOAT	UD	50	\$ 650.00	\$ 32,500.00	\$ 240.00	\$ 12,000.00	-63.08
4008	400000-HR	WELDER WITH TRUCK AND WELDING MACHINE	HR	700	\$ 100.00	\$ 70,000.00	\$ 205.00	\$ 143,500.00	105.00
4009	400000-UD	SELF-PROPELLED AERIAL LIFT (60 FT. MAXIMUM PLATFORM HEIGHT)	UD	200	\$ 250.00	\$ 50,000.00	\$ 875.00	\$ 175,000.00	250.00
4010	400000-UD	SELF-PROPELLED AERIAL LIFT (61 TO 120 FT. MAXIMUM PLATFORM HEIGHT)	UD	150	\$ 300.00	\$ 45,000.00	\$ 1,485.00	\$ 222,750.00	395.00
4011	400000-UD	AIR-COMPRESSOR (160 TO 350 CFM)	UD	100	\$ 200.00	\$ 20,000.00	\$ 225.00	\$ 22,500.00	12.50
4012	400000-UD	AIR-COMPRESSOR (351 TO 750 CFM)	UD	100	\$ 240.00	\$ 24,000.00	\$ 625.00	\$ 62,500.00	160.42
4013	400000-UD	FLATBED TRUCK (12 TO 20 FT. BED, WEIGHT OVER 1 TON)	UD	125	\$ 400.00	\$ 50,000.00	\$ 385.00	\$ 48,125.00	-3.75
4014	400000-UD	BUCKET TRUCK (45 FT. WORKING HEIGHT)	UD	300	\$ 350.00	\$ 105,000.00	\$ 680.00	\$ 204,000.00	94.29

4015	400000-UD	PORTABLE LIGHT TREE	UD	25	\$ 320.00	\$ 8,000.00	\$ 95.00	\$ 2,375.00	-70.31
4016	400000-UD	TRACK DOZER, 100HP-130HP, MAX. GVW OF 22,000 LBS.	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 1,250.00	\$ 62,500.00	25.00
4017	400000-UD	ARTICULATED RUBBER TIRE LOADER, 1.5 CY-3.5 CY	UD	50	\$ 800.00	\$ 40,000.00	\$ 1,250.00	\$ 62,500.00	56.25
4018	400000-UD	SINGLE AXLE DUMP TRUCK, 9 CY, WITH OPERATOR	UD	40	\$ 500.00	\$ 20,000.00	\$ 2,250.00	\$ 90,000.00	350.00
4019	400000-UD	DOUBLE AXLE DUMP TRUCK, 10 CY-14 CY, WITH OPERATOR	UD	75	\$ 800.00	\$ 60,000.00	\$ 2,600.00	\$ 195,000.00	225.00
4020	400000-UD	TRIPLE AXLE DUMP TRUCK, 15 CY-19 CY, WITH OPERATOR	UD	65	\$ 900.00	\$ 58,500.00	\$ 3,500.00	\$ 227,500.00	288.89
4021	400000-UD	HYDRAULIC EXCAVATOR, 1.5 CY-3.5 CY.	UD	30	\$ 600.00	\$ 18,000.00	\$ 1,500.00	\$ 45,000.00	150.00
4022	400000-UD	HYDRAULIC EXCAVATOR, UNDER 1.5 CY.	UD	30	\$ 500.00	\$ 15,000.00	\$ 1,300.00	\$ 39,000.00	160.00
4023	400000-UD	TRACK LOADER, 1 C Y-2.5 CY., MIN. 140 HP	UD	30	\$ 750.00	\$ 22,500.00	\$ 1,300.00	\$ 39,000.00	73.33
4024	400000-UD	SKID STEER LOADER, 45 HP-75 HP.	UD	300	\$ 350.00	\$ 105,000.00	\$ 950.00	\$ 285,000.00	171.43
4025	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM (UP TO 59 FT. REACH BELOW)	UD	50	\$ 1,000.00	\$ 50,000.00	\$ 7,250.00	\$ 362,500.00	625.00
4026	400000-UD	TRUCK-MOUNTED HYDRAULIC PLATFORM/BUCKET WITH ARTICULATING BOOM (UP TO 70 FT. REACH BELOW BRIDGE EXTENSION)	UD	50	\$ 1,300.00	\$ 65,000.00	\$ 11,000.00	\$ 550,000.00	746.15
4027	400000-UD	VACUUM-SHROUDED POWER TOOL	UD	90	\$ 80.00	\$ 7,200.00	\$ 105.00	\$ 9,450.00	31.25
4028	400000-AL	MATERIALS FOR STRUCTURAL REPAIRS	AL	1	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	0.00
4029	400000-AL	SPECIALIZED EQUIPMENT FOR STRUCTURAL REPAIRS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
4030	400000-AL	SPECIALIZED SUBCONTRACTORS	AL	1	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	0.00
TOTAL						\$13,999,700.00		\$ 27,524,200.00	96.61

TAB 4



Maryland
Transportation
Authority

CAPITAL COMMITTEE PROJECT SUMMARY

MA-3024 SYSTEM-WIDE CCTV REPLACEMENT

PIN NUMBER MDTAPRJ002585
CONTRACT NUMBER MA-3024-0000
CONTRACT TITLE SYSTEM-WIDE CCTV REPLACEMENT

PROJECT SUMMARY The work to be performed under this contract is located along multiple MDTA facilities including the Baltimore Harbor Tunnel (BHT), Fort McHenry Tunnel (FMT), Francis Scott Key Bridge (FSK), JFK Memorial Highway, Hatem Memorial Bridge (TJH), (ICC) and Bay Bridge facilities. The project will upgrade existing CCTV roadway cameras and camera lowering system, Upgrade of existing tunnel cameras with new PTZ cameras, Upgrade of existing CCTV security cameras, Upgrade fiber optic communication including new fiber optic backbone installation.

SCHEDULE

ADVERTISEMENT DATE 6/12/2025
ANTICIPATED NOTICE TO PROCEED DATE Feb-26
DURATION (CALENDER DAYS) 1,460

MBE PARTICIPATION

	(\$) Advertised GOAL (%)	Proposed GOAL (%)
OVERALL MBE	18.00%	18.07%
AFRICAN AMERICAN	0.00%	0.00%
ASIAN AMERICAN	0.00%	0.00%
HISPANIC AMERICAN	0.00%	0.00%
WOMEN	0.00%	0.00%
VSBE	1.00%	1.00%

ENGINEER'S ESTIMATE (EE) \$9,047,780.00

BID RESULTS

BID AMOUNT (\$) **% VARIANCE TO EE**

BID PROTEST YES ☐ NO ☒

Aldridge Electric, Inc	9,978,509.27	10%
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FUNDING SOURCE 100% TOLL REVENUE



Maryland Transportation Authority

Wes Moore, Governor
Aruna Miller, Lt. Governor
Samantha J. Biddle, Chair

Board Members:

Dontae Carroll	Cynthia D. Penny-Ardinger
Maricela Cordova	Jeffrey S. Rosen
William H. Cox, Jr.	Samuel D. Snead, MCP, MA
Mario J. Gangemi, P.E.	John F. von Paris

Bruce Gartner, Executive Director

MEMORANDUM

TO: DIRECTOR OF ENGINEERING, ISHTIAQUE TUNIO, P.Eng., PMP
FROM: ITS & ELECTRICAL DISCIPLINE MANAGER, SONIA THOMAS, EIT, PMP
SUBJECT: CONTRACT NO. MA-3024-0000
SYSTEM-WIDE CCTV REPLACEMENT
DATE: October 27, 2025

On September 26, 2025, one (1) bid was opened for the referenced contract. The bid results are as follows:

- Aldridge Electric (Aldridge): \$9,978,509.27

The Engineer's Estimate (EE) for this project was \$9,047,780.00. The apparent low bid is approximately 10% higher than the engineer's estimate.

A review of the procurement process and evaluation of the single bid was performed by the Project Manager. The following observations are offered:

- The contract was advertised on June 12, 2025, as an SBR-only procurement with an initial bid due date of August 4, 2025. The bid opening date was extended twice, to August 27, 2025, due to limited interest from SBR firms. Because no bids were received from SBR firms, the SBR designation was subsequently removed, and the bid opening was moved to September 17, 2025.
- Engineering staff provided Procurement with nine firms for direct solicitation, and the bid opening was further extended to September 26, 2025, to allow additional time for bidders to prepare competitive submissions. The solicitation remained open for a total of fifteen weeks, providing adequate time for potential participation. Despite this, only one (1) bid was received from Aldridge Electric.

The project involves the replacement of over 200 CCTV cameras and camera lowering systems, as well as associated civil construction (conduit installation, excavation), aerial work along highways, railroad coordination, tunnel work, erosion and sediment control, Maintenance of Traffic (MOT) on freeways, and fiber optic upgrades. These activities require highly specialized expertise and previous experience with similar systems. The specialized and large-scale nature of this work naturally limits the pool of qualified bidders.

The contract was openly advertised, all procedural steps were followed, and specifications, terms, and conditions were not restrictive in a manner that would have prevented fair competition.

Upon review, the bid submitted by Aldridge Electric, appears reasonable and balanced. The bid analysis indicates that the bidder has a solid understanding of the contract requirements. Aldridge has a strong performance with MDTA and other local agencies and is known for delivering high quality, efficient work. The firm has extensive experience in ITS, signals, lighting and fiber-optic systems, including work on the Automated Lane Closure System at the Bay Bridge and current projects KH-3019 and FT-3020.

Aldridge has exceeded the minimum qualification requirements for this contract and has submitted the necessary certifications for the Master Electrician and Fiber Technician, as required.

RECOMMENDATION:

Based on our review, I recommend accepting Aldridge Electric's low bid of \$9,978,509.27.

Approved:



Ishtiaque Tunio, P.Eng., PMP

10/28/2025

Date

ATTACHMENTS: Bid Analysis Table

Maryland Transportation Authority
Contract Name: MA-3024-0000 System-Wide CCTV Replacement
Contract Number: MA-3024
Bid Date: 09/26/2025

Bid Tabulation

Engineer's Estimate					Aldridge Electric, Inc.				
ITEM NO.	CAT CODE	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	+/- % of Est.
1001	100000	RAILROAD EXPENCE ALLOWANCE	AL	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	0.00%
1002	100000	MISCELLANEOUS CONSTRUCTION ALLOWANCE	AL	1	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	0.00%
1003	100000	ADDITIONAL PROTECTION VEHICLE	UD	92	\$ 930.00	\$ 85,560.00	\$ 2,422.42	\$ 222,862.64	160.48%
1004	100000	FLAGGING OPERATION	HR	80	\$ 560.00	\$ 44,800.00	\$ 91.50	\$ 7,320.00	-83.66%
1005	100000	PARTIAL RAMP CLOSURE (DAY OR NIGHT)	UD	17	\$ 3,450.00	\$ 58,650.00	\$ 3,268.38	\$ 55,562.46	-5.26%
1006	100000	RAMP CLOSURE (DAY OR NIGHT)	UD	5	\$ 3,700.00	\$ 18,500.00	\$ 4,832.42	\$ 24,162.10	30.61%
1007	100000	SHOULDER CLOSURE (DAY OR NIGHT)	UD	54	\$ 1,900.00	\$ 102,600.00	\$ 620.12	\$ 33,486.48	-67.36%
1008	100000	SINGLE LEFT OR RIGHT LANE CLOSURE (DAY OR NIGHT)	UD	53	\$ 2,000.00	\$ 106,000.00	\$ 4,697.00	\$ 248,941.00	134.85%
1009	100000	DOUBLE LEFT OR RIGHT LANE CLOSURE (DAY OR NIGHT)	UD	3	\$ 2,500.00	\$ 7,500.00	\$ 5,673.00	\$ 17,019.00	126.92%
1010	100000	LIFE SAFETY BOAT AND BOAT CAPTAIN	UD	2	\$ 1,500.00	\$ 3,000.00	\$ 3,050.00	\$ 6,100.00	103.33%
1011	110100	CLEARING & GRUBBING	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 12,200.00	\$ 12,200.00	144.00%
1012	110360	TYPE C ENGINEERS OFFICE	LS	1	\$ 125,000.00	\$ 125,000.00	\$ 81,664.24	\$ 81,664.24	-34.67%
1013	120500	MAINTENANCE OF TRAFFIC	LS	1	\$ 360,000.00	\$ 360,000.00	\$ 209,108.00	\$ 209,108.00	-41.91%
1014	120784	TEMPORARY ORANGE CONSTRUCTION FENCE	LF	530	\$20.00	\$ 10,600.00	\$ 12.20	\$ 6,466.00	-39.00%
1015	130840	CONSTRUCTION STAKEOUT	LS	1	\$25,000.00	\$ 25,000.00	\$ 86,816.64	\$ 86,816.64	247.27%
1016	130875	MOBILIZATION AND DEMOBILIZATION	LS	1	\$670,000.00	\$ 670,000.00	\$ 317,698.05	\$ 317,698.05	-52.58%
1017	131010	TYPE B - CRITICAL PATH METHOD (CPM) SCHEDULE FOR TYPICAL PROJECTS	LS	1	\$38,000.00	\$ 38,000.00	\$ 36,600.00	\$ 36,600.00	-3.68%
2001	203030	TEST PIT EXCAVATION	CY	10	\$500.00	\$ 5,000.00	\$ 463.60	\$ 4,636.00	-7.28%
3001	388063	PORTABLE SEDIMENT TANK	EA	1	\$3,500.00	\$ 3,500.00	\$ 12,200.00	\$ 12,200.00	248.57%
7001	700000	LICENSED TREE EXPERT	LS	1	\$25,000.00	\$ 25,000.00	\$ 7,930.00	\$ 7,930.00	-68.28%
7002	700000	CONTINGENT SSAT/SVT	UD	1	\$5,000.00	\$ 5,000.00	\$ 6,100.00	\$ 6,100.00	22.00%
7003	700000	CONTINGENT TREE WATERING	MG	10	\$2,600.00	\$ 26,000.00	\$ 305.00	\$ 3,050.00	-88.27%

7004	705500	TURGRASS ESTABLISHMENT	SY	1,800	\$2.00	\$ 3,600.00	\$ 6.10	\$ 10,980.00	205.00%
7005	715050	TREE ROOT PRUNING	LF	310	\$10.00	\$ 3,100.00	\$ 24.40	\$ 7,564.00	144.00%
8001	800000	3 INCH DIAMETER LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT - ATTACHED	LF	130	\$140.00	\$ 18,200.00	\$ 118.80	\$ 15,444.00	-15.14%
8002	800000	3 INCH DIAMETER PVC COATED RIGID GALVANIZED STEEL CONDUIT - ATTACHED	LF	7,175	\$85.00	\$ 609,875.00	\$ 164.52	\$ 1,180,431.00	93.55%
8003	800000	3 INCH DIAMETER PVC COATED RIGID GALVANIZED STEEL CONDUIT - TRENCHED	LF	330	\$65.00	\$ 21,450.00	\$ 127.00	\$ 41,910.00	95.38%
8004	800000	96 STRAND SINGLE-MODE FIBER OPTIC CABLE	LF	15,020	\$3.50	\$ 52,570.00	\$ 8.39	\$ 126,017.80	139.71%
8005	800000	FURNISH & INSTALL CAMERA LOWERING SYSTEM FOR CCTV CAMERA POLES - SINGLE MOUNT	EA	80	\$17,000.00	\$ 1,360,000.00	\$ 36,738.93	\$ 2,939,114.40	116.11%
8007	800000	CATEGORY 6 ETHERNET CABLE, OUTDOOR RATED	LF	13,900	\$2.00	\$ 27,800.00	\$ 14.58	\$ 202,662.00	629.00%
8008	800000	FIBER OPTIC DISTRIBUTION CENTER - 1 PANEL	EA	15	\$4,500.00	\$ 67,500.00	\$ 3,741.02	\$ 56,115.30	-16.87%
8009	800000	FURNISH AND INSTALL CLOSED-CIRCUIT TV CAMERA ASSEMBLY - SINGLE CAMERA MOUNT	EA	81	\$9,900.00	\$ 801,900.00	\$ 5,264.91	\$ 426,457.71	-46.82%
8011	800000	FURNISH AND INSTALL HARDENED ETHERNET SWITCH	EA	25	\$5,000.00	\$ 125,000.00	\$ 6,416.98	\$ 160,424.50	28.34%
8012	800000	FURNISH AND INSTALL PRECAST COMMUNICATION/ELECTRICAL VAULT WITH CONCRETE COLLAR	EA	5	\$8,500.00	\$ 42,500.00	\$ 14,030.00	\$ 70,150.00	65.06%
8013	800000	FURNISH AND INSTALL BHT AND FMT TUNNEL CCTV CAMERA ASSEMBLY	EA	96	\$25,800.00	\$ 2,476,800.00	\$ 12,360.50	\$ 1,186,608.00	-52.09%
8014	800000	FURNISH AND INSTALL ICC TUNNEL CCTV CAMERA ASSEMBLY	EA	4	\$15,000.00	\$ 60,000.00	\$ 11,271.80	\$ 45,087.20	-24.85%
8015	800000	FURNISH CLOSED-CIRCUIT TELEVISION CAMERA ASSEMBLY	EA	22	\$4,500.00	\$ 99,000.00	\$ 4,644.80	\$ 102,185.60	3.22%
8016	800000	FURNISH SECURITY CCTV CAMERA ASSEMBLY	EA	16	\$30,000.00	\$ 480,000.00	\$ 36,554.93	\$ 584,878.88	21.85%
8017	800000	JUNCTION BOX - STAINLESS STEEL - 30 INCH X 30 INCH X 12 INCH - NEMA 4X	EA	40	\$3,075.00	\$ 123,000.00	\$6,834.20	\$ 273,368.00	122.25%
8018	800000	MAINTAIN CCTV CAMERA COVERAGE FOR CCTV #C030, C031, C031A & C032	LS	1	\$20,000.00	\$ 20,000.00	\$26,762.86	\$ 26,762.86	33.81%
8019	800000	MODIFY EXISTING FIBER OPTIC CABLE SPLICE ENCLOSURE	EA	9	\$1,000.00	\$ 9,000.00	\$3,845.44	\$ 34,608.96	284.54%
8020	800000	TRENCH AND BACKFILL	LF	2,985	\$10.00	\$ 29,850.00	\$ 30.21	\$ 90,176.85	202.10%

8021	800000	UNDERGROUND FIBER OPTIC CABLE SPLICE ENCLOSURE (144 FIBER CAPACITY)	EA	10	\$4,500.00	\$ 45,000.00	\$ 3,286.91	\$ 32,869.10	-26.96%
8022	800000	REMOVAL, SALVAGE, DISPOSE AND DELIVERY OF EXISTING ITS EQUIPMENT	LS	1	\$40,000.00	\$ 40,000.00	\$ 12,402.38	\$ 12,402.38	-68.99%
8023	800000	REMOVAL AND DISPOSAL OF EXISTING CAMERA SITE	LS	1	\$1,000.00	\$ 1,000.00	\$ 7,441.43	\$ 7,441.43	644.14%
8024	800000	VIDEO MULTIPLEXING SYSTEM	LS	1	\$125,000.00	\$ 125,000.00	\$ 113,388.12	\$ 113,388.12	-9.29%
8025	800000	AS-BUILT ITS AND FIBER PLANS AND GIS INFORMATION	LS	1	\$25,000.00	\$ 25,000.00	\$ 29,468.27	\$ 29,468.27	17.87%
8026	800000	AIR SPADING FOR CONDUIT INSTALLATION	LF	40	\$45.00	\$ 1,800.00	\$ 42.70	\$ 1,708.00	-5.11%
8027	800000	FURNISH AND INSTALL ELECTRONIC LOCK - PADLOCK TYPE	EA	65	\$600.00	\$ 39,000.00	\$ 1,323.87	\$ 86,051.55	120.65%
8028	800000	FURNISH AND INSTALL ELECTRONIC LOCK - CYLINDER TYPE	EA	145	\$600.00	\$ 87,000.00	\$ 1,234.27	\$ 178,969.15	105.71%
8029	800000	FURNISH AND INSTALL 30 INCH X 30 INCH X 30 INCH LOCKABLE COMMUNICATION HANDHOLE	EA	13	\$2,600.00	\$ 33,800.00	\$ 4,922.70	\$ 63,995.10	89.33%
8030	805118	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED	LF	2,885	\$60.00	\$ 173,100.00	\$ 52.46	\$ 151,347.10	-12.57%
8031	805140	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	LF	2,655	\$45.00	\$ 119,475.00	\$ 40.08	\$ 106,412.40	-10.93%
8032	815435	12 STRAND SINGLE-MODE FIBER OPTIC CABLE	LF	700	\$2.50	\$ 1,750.00	\$ 19.41	\$ 13,587.00	676.40%
					TOTAL	\$ 9,047,780.00		\$ 9,978,509.27	10.29%

TAB 5

Chesapeake BAY CROSSING STUDY TIER 2 NEPA



Maryland
Transportation
Authority

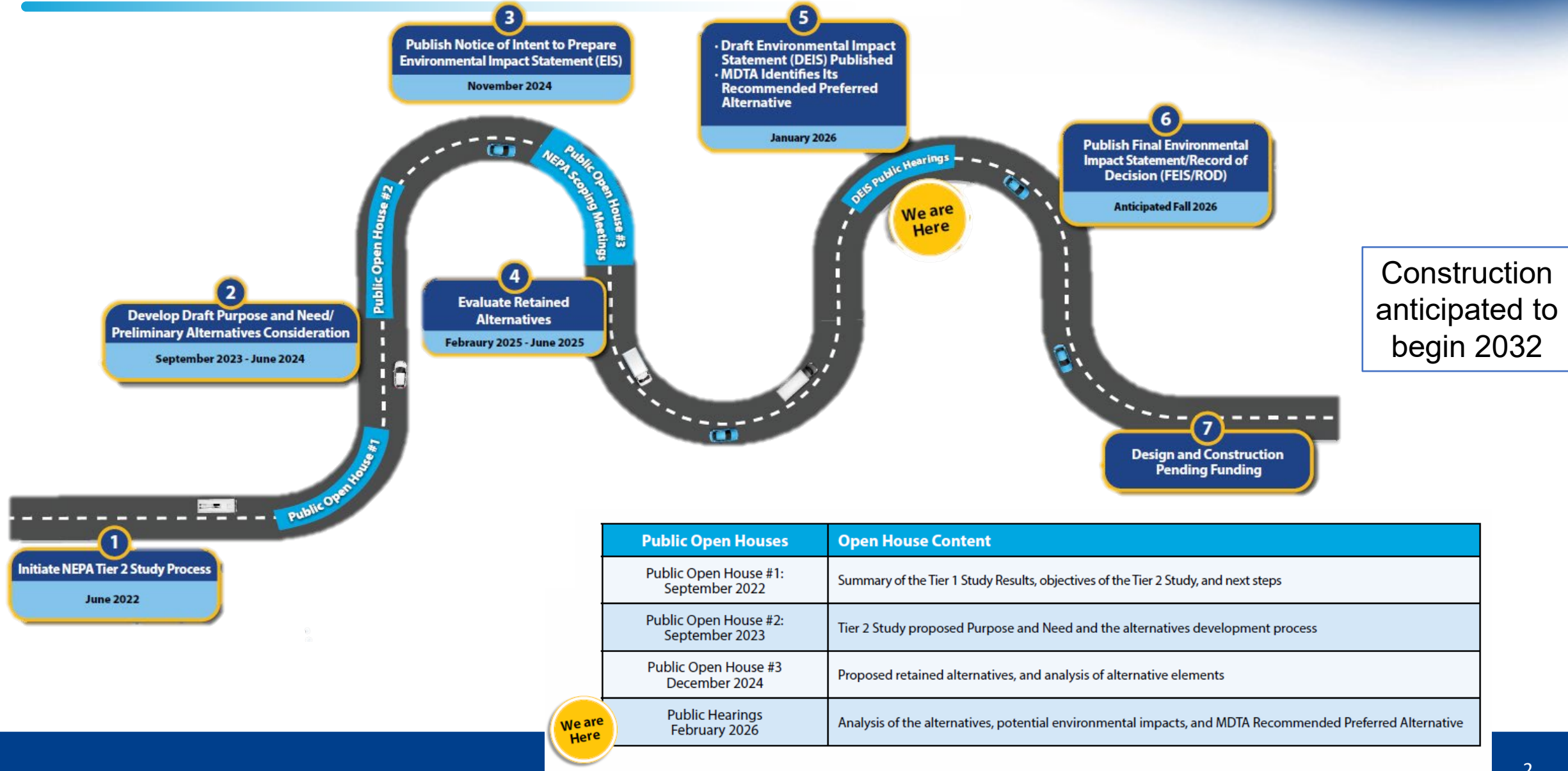


Presentation to the MDTA Capital Committee



November 2025

Tier 2 Study Schedule



Purpose and Need

The purpose of the Chesapeake Bay Crossing Study: Tier 2 NEPA is to address existing and future transportation capacity needs and access across the Chesapeake Bay and at the Chesapeake Bay Bridge approaches along the U.S. 50/301 corridor. The Tier 2 Study is evaluating measures to reduce congestion; improve travel times and reliability, mobility, and roadway deficiencies; and accommodate maintenance activities and navigation, while minimizing impacts to local communities and the environment.



Adequate Capacity and Reliable Travel Times



Mobility



Roadway Deficiencies



**Existing and Future Maintenance
Needs at the Existing Spans**



Navigation

The MDTA also has identified two additional objectives:



Environmental Responsibility



Cost and Financial Responsibility

Study Limits



Elements of Alternatives

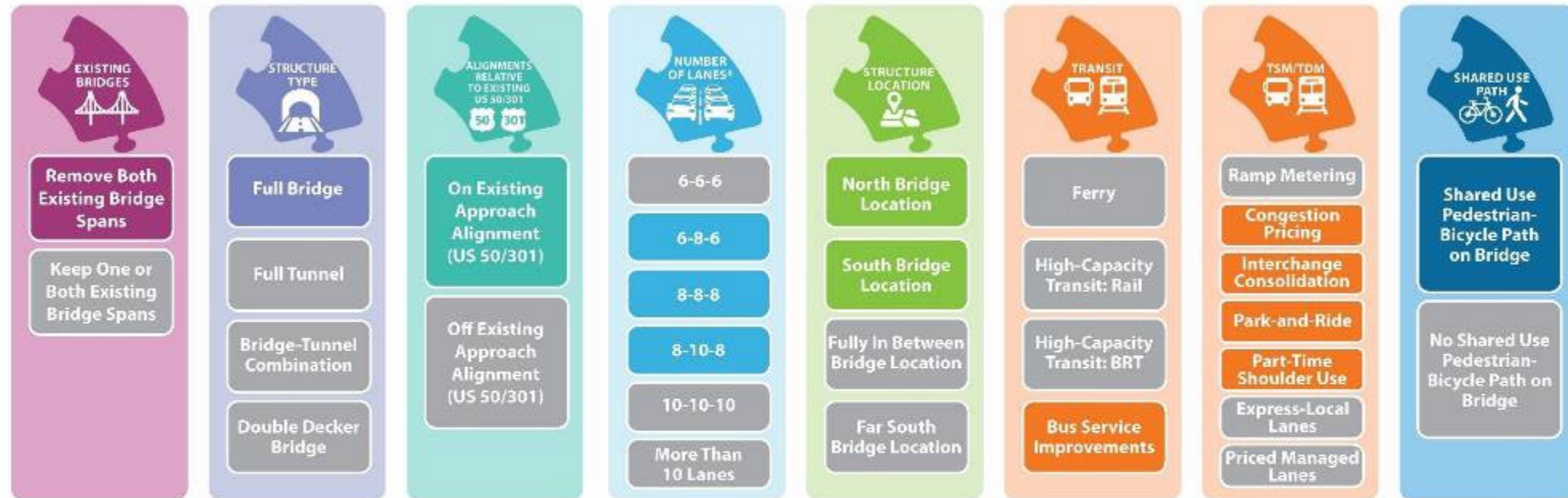
The MDTA considered seven key elements to develop alternatives.



Elements Overview

OPTIONS FOR KEY ELEMENTS

The MDTA evaluated the following options for each key element. Options shown in color were recommended in the NOI.



Color = recommended Gray = not recommended



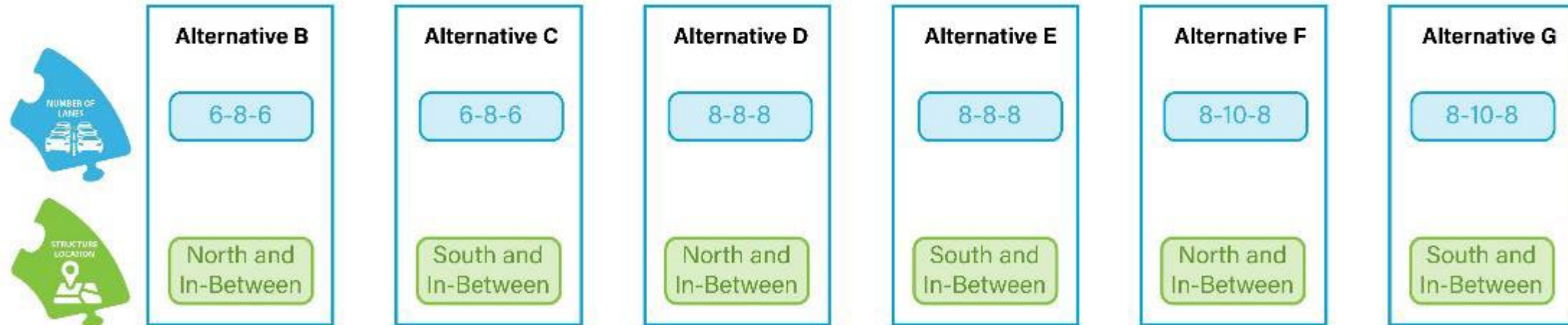
Retained Alternatives

Alternative A (No-Build Alternative) 6-5-6 No New Transportation Infrastructure

Build Alternatives All Build Alternatives Include:



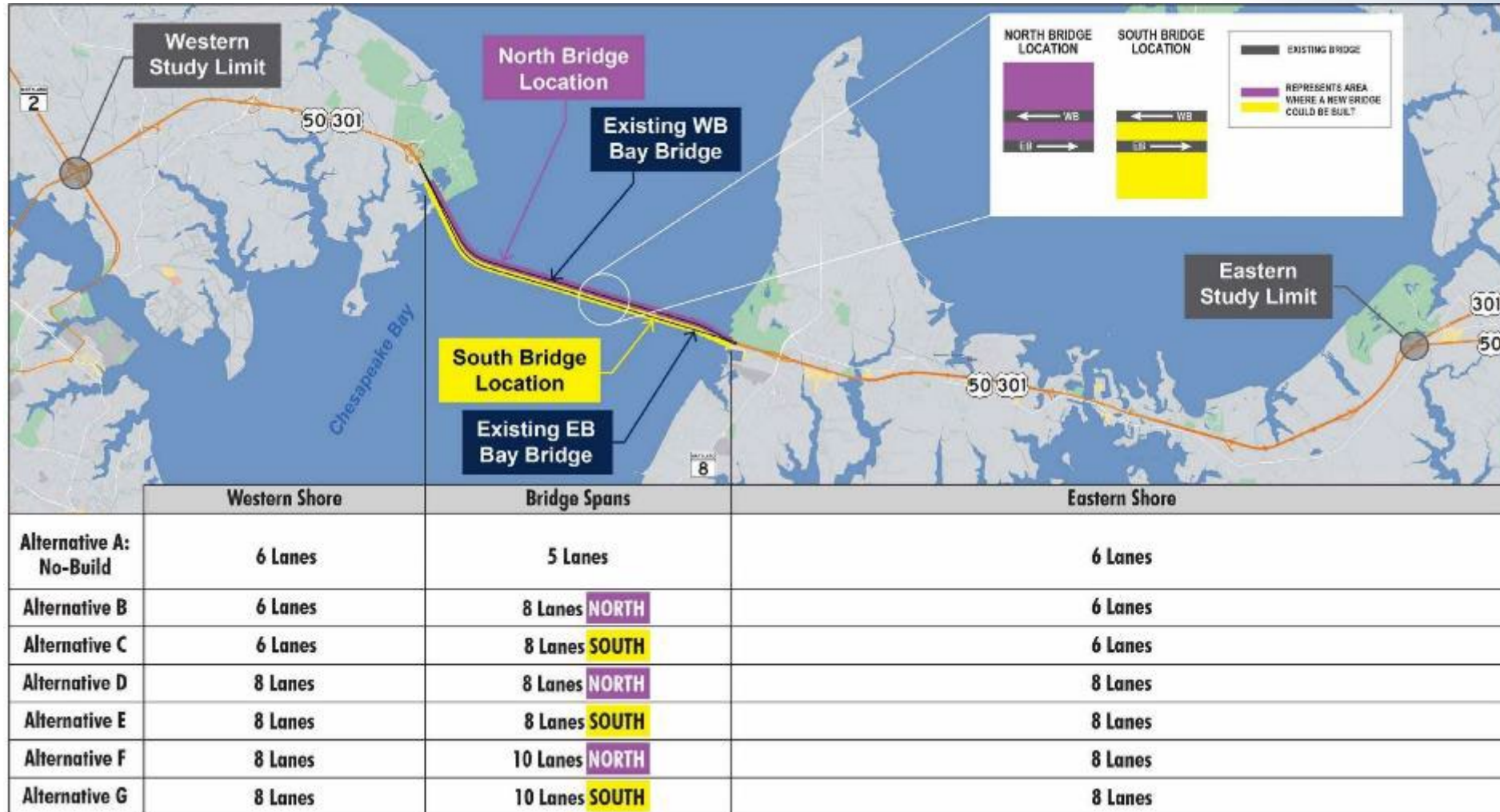
Each Build Alternative Includes One of These Lane Combinations and Bridge Locations:



All Build Alternatives Also Considered:



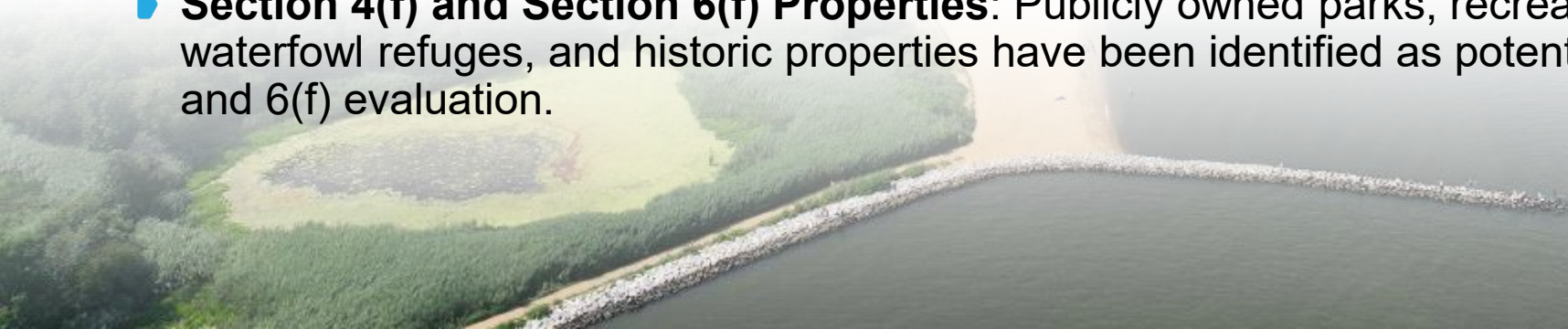
Retained Alternatives



Environmental Resources

The Environmental Impact Statement (EIS) will address impacts to environmental resources including:

- ▶ **Socioeconomic Resources and Land Use:** Approximately 73,000 people live within or adjacent to the study corridor. Many community facilities including public parks, schools, emergency services, and places of workshop are located within the area.
- ▶ **Natural Resources:** Significant natural resources identified within or adjacent to the corridor include:
 - Surface water resources
 - Coastal Barrier Resource Systems and Chesapeake Bay Critical Areas
 - Aquatic and terrestrial habitat and biota
 - Rare, threatened, and endangered species
 - Unique and Sensitive areas
 - Watersheds and their tributary streams, wetlands, and floodplains
- ▶ **Historic Properties:** Many historic properties, including the Bay Bridge itself, Sandy Point State Park, and the Dutch Mill Restaurant, are located along U.S. 50/301. The MDTA is considering effects to these properties in accordance with Section 106 of the National Historic Preservation Act.
- ▶ **Section 4(f) and Section 6(f) Properties:** Publicly owned parks, recreation areas, wildlife and/or waterfowl refuges, and historic properties have been identified as potentially subject to Section 4(f) and 6(f) evaluation.



Alternatives Evaluation

- ▶ Evaluation considered entire corridor but focus remains on Bay Bridge
- ▶ MDTA performed a thorough traffic and environmental analysis of the ARDS:
 - Comparison of No-Build and build alternatives
 - Comparison among build alternatives
 - Tradeoffs between transportation benefits and environmental impacts

Next Steps

- Anticipated January 2026: DEIS Notice Of Availability (NOA)
 - DEIS will identify the MDTA Recommended Preferred Alternative
- Anticipated February 2026: Public Hearings
- Anticipated November 2026: Final Environmental Impact Statement/Record of Decision (FEIS/ROD)
 - FEIS/ROD will identify Selected Alternative

Anticipated Schedule Beyond NEPA

- Fall 2026 – Spring 2028: Procurement for Final Design
- Spring 2028: Begin Final Design
- Summer 2032: Begin Construction



Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Questions?



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