

Chesapeake BAY CROSSING STUDY
TIER 2 NEPA

PREFERRED ALTERNATIVE ENVIRONMENTAL RESOURCE IMPACT MAPPING

FINAL ENVIRONMENTAL IMPACT STATEMENT

APPENDIX A-2

OCTOBER 2026

MDTA Maryland Transportation Authority

U.S. Department of Transportation Federal Highway Administration

Chesapeake BAY CROSSING STUDY
TIER 2 NEPA

Preferred Alternative Environmental Resource Impact Mapping
Appendix A-2

Legend

Listed below are all the layers displayed within the Resource Mapping.



* The final determination for noise barrier need, location, size, and material will be made during final design.

Table of Contents

Alternative	Map Numbers
Preferred Alternative	1-19

Property and environmental impacts are preliminary. As the study moves forward, further avoidance and minimization to reduce impacts will be evaluated and prioritized. The information shown is for the purpose of determining preliminary cost estimates and environmental impacts and is subject to change during final design. Any reliance on these plans is made with the full understanding of their draft status.

AA-2511 Asbury M.E. Church and Cemetery (Broad Neck)

BROADNECK RD

50

301

BUSCHS FRONTAGE RD

CAPE SAINT CLAIRE RD

COLLEGE PKWY

Broadneck Trail

Broadneck Trail

Four Seasons at St. Margarets

SAINT MARGARETS RD

MARYLAND 179

HOLLY DR N

Whitehall Creek

WHITEHALL RD

E COLLEGE PKWY

Broadneck Trail

7-Eleven

- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
- Existing Pavement
- Widened Pavement
- New/Realigned Pavement
- New Bridge
- Optional SUP
- Stormwater Management Ponds
- Potential Noise Barriers *
- Public Trails
- Field-Delineated Surface Waters
- Field-Delineated Wetlands
- FEMA Floodplain
- Historic Properties
- Public Parks
- Water Trails
- Culverts
- Submerged Aquatic Vegetation
- Property Parcels

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1" = 200 Feet

0 100 200 400 Feet

MDTA Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

E COLLEGE PKWY

7-Eleven

STACEY LN

Broadneck Trail

REVELL DOWNS DR

CANANARO RD

E COLLEGE PKWY

50 301

WHITEHALL RD

McDonald's

Wendy's

WHITEHALL RD

Preferred Alternative - Limits of Disturbance

Preferred Alternative - Limits of Disturbance - Optional SUP

Existing Pavement

Widened Pavement

New/Realigned Pavement

New Bridge

Optional SUP

Stormwater Management Ponds

Potential Noise Barriers *

Public Trails

Field-Delineated Surface Waters

Field-Delineated Wetlands

FEMA Floodplain

Historic Properties

Public Parks

Water Trails

Culverts

Submerged Aquatic Vegetation

Property Parcels

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MDTA Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

Bay Head Park

BAY HEAD RD

Broadneck Trail

YORKTOWN RD

Broadneck Trail

E COLLEGE PKWY

Broadneck Trail

50 301

WHITEHALL RD

RIDOUT LN

- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
- Existing Pavement
- Widened Pavement
- New/Realigned Pavement
- New Bridge
- Optional SUP
- Stormwater Management Ponds
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MDTA
Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY
TIER 2 NEPA

Preferred Alternative

October 2026

Location of transition from 3 lanes per direction to 4 lanes per direction.

E COLLEGE PKWY

50 301

WHITEHALL RD

Whitehall Shopping Center

WHITEHALL RD

COLBERT RD

LOG INN RD

SKIDMORE DR

Broadneck Trail

AA-2594 Skidmore

AA-2305 Sandy Point State Park

AA-338 Woodlyn Farm

AA-2594 Skidmore

Meredith Creek

Preferred Alternative - Limits of Disturbance

Preferred Alternative - Limits of Disturbance - Optional SUP

Existing Pavement

Widened Pavement

New/Realigned Pavement

New Bridge

Optional SUP

Stormwater Management Ponds

Potential Noise Barriers *

Public Trails

Field-Delineated Surface Waters

Field-Delineated Wetlands

FEMA Floodplain

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MDTA Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

MDNR Office &
Police Station

E COLLEGE PKWY

Sandy Point State Park

Sandy Point State Park

AA-2305
Sandy Point
State Park

OCEANIC DR

50

301

SKIDMORE DR

AA-2594
Skidmore

- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
- Existing Pavement
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MDTA
Maryland
Transportation
Authority

Chesapeake BAY CROSSING STUDY
TIER 2 NEPA

Preferred Alternative

October 2026

AA-2305
Sandy Point
State Park

Mezick
Pond

E-Z Pass Stop-In
Center

OCEANIC DR

50 301

AA-47, AA-48 Chesapeake
Bay Bridge (William Preston
Lane Jr. Memorial Bridge)

OLD FERRY SLIP RD

MDNR
Police Station

Proposed site for
eastbound truck weigh
& inspection station.

OCEANIC DR

SKIDMORE DR

AA-0074 Holly
Beach Farm

Holly Beach Farm

AA-2594
Skidmore

Westinghouse
Bay

- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
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MDTA
Maryland
Transportation
Authority

Chesapeake
BAY CROSSING STUDY
TIER 2 NEPA

Preferred Alternative

October 2026

Chesapeake Bay

Mezick Pond

Sandy Point State Park

AA-2305 Sandy Point State Park

WESTBOUND

AA-47, AA-48 Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge)

WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE

EASTBOUND

50 301

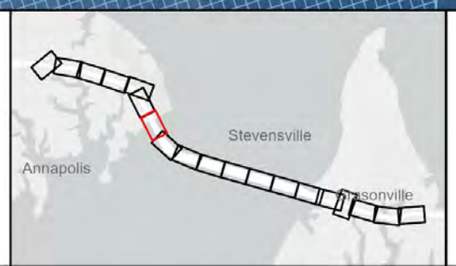
OLD FERRY SLIP RD

MDTA Maintenance Facility

Westinghouse Bay

- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
- Existing Pavement
- Widened Pavement
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MDTA Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

Chesapeake Bay

50

301

WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE

WESTBOUND

EASTBOUND

AA-47, AA-48 Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge)

Preferred Alternative - Limits of Disturbance

Preferred Alternative - Limits of Disturbance - Optional SUP

Existing Pavement

Widened Pavement

New/Realigned Pavement

New Bridge

Optional SUP

Stormwater Management Ponds

Potential Noise Barriers *

Public Trails

Field-Delineated Surface Waters

Field-Delineated Wetlands

FEMA Floodplain

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Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

WESTBOUND

AA-47, AA-48 Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge)

WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE

50 301

EASTBOUND

Chesapeake Bay

- Preferred Alternative - Limits of Disturbance
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Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY
TIER 2 NEPA

Preferred Alternative

October 2026

WESTBOUND

50 301 WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE

AA-47, AA-48 Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge)

EASTBOUND

Chesapeake Bay

- Preferred Alternative - Limits of Disturbance
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- Existing Pavement
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Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

WESTBOUND

50 301 WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE

AA-47, AA-48 Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge)

EASTBOUND

Chesapeake Bay

- Preferred Alternative - Limits of Disturbance
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Preferred Alternative

October 2026

WESTBOUND

50 301 WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE

AA-47, AA-48 Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge)

EASTBOUND

Chesapeake Bay

Preferred Alternative - Limits of Disturbance
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Existing Pavement
Widened Pavement
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Preferred Alternative

October 2026

WESTBOUND

50 301 WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE

AA-47, AA-48 Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge)

EASTBOUND

Chesapeake Bay

Preferred Alternative - Limits of Disturbance
Preferred Alternative - Limits of Disturbance - Optional SUP
Existing Pavement
Widened Pavement
New/Realigned Pavement
New Bridge

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Stormwater Management Ponds
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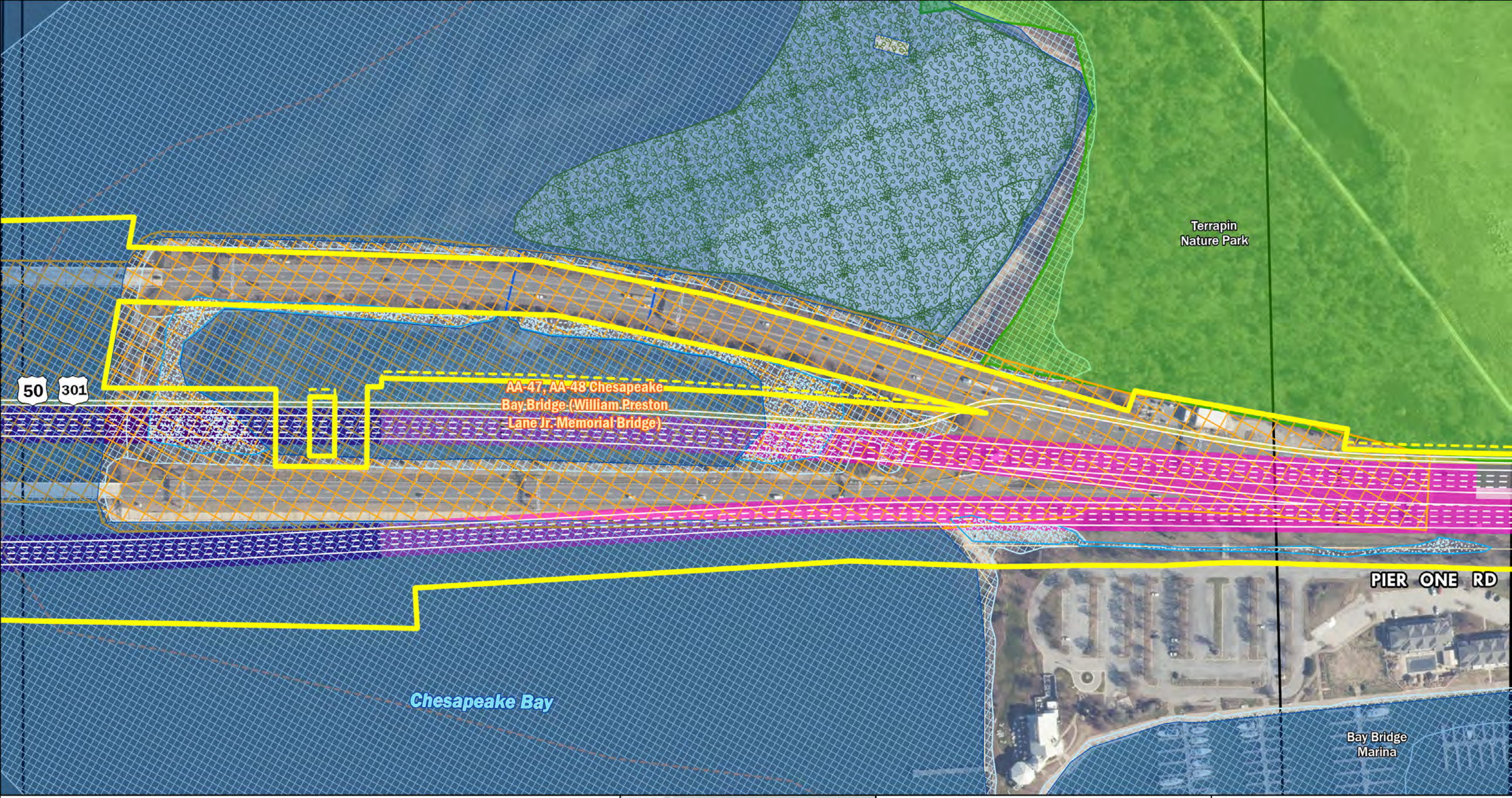
0 100 200 400 Feet

MDTA
Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY
TIER 2 NEPA

Preferred Alternative

October 2026



- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
- Existing Pavement
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Maryland Transportation Authority

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TIER 2 NEPA

Preferred Alternative

October 2026

Terrapin Nature Park

AA-47, AA-48
Chesapeake Bay Bridge
(William Preston Lane
Jr. Memorial Bridge)

50 301

PIER ONE RD

ROMANCOKE RD 8

Bay Manor Shops
& Apartments

The Inn at the Chesapeake
Bay Beach Club & Spa

QA-125 Eareckson House
(Nathan Morris House)

Bay Bridge
Marina

- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
- Existing Pavement
- Widened Pavement
- New/Realigned Pavement
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MDTA
Maryland
Transportation
Authority

Chesapeake BAY CROSSING STUDY
TIER 2 NEPA

Preferred Alternative

October 2026



Preferred Alternative - Limits of Disturbance

Preferred Alternative - Limits of Disturbance - Optional SUP

Existing Pavement

Widened Pavement

New/Realigned Pavement

New Bridge

Optional SUP

Stormwater Management Ponds

Potential Noise Barriers *

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Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

QA-467 Gillis House

MAIN ST

QA-263 John Benton House

QA-463 Stevensville Historic District

MAIN ST

MARYLAND 18

DUKE ST

ISLAND DR

Stevensville Middle School

Eisinger Property

Island Plaza

Last Stop

50

301

THOMPSON CREEK RD

Thompson Creek

Thompson Creek Shopping Center

Sunoco

Dash In

Cracker Barrel

Shore United Bank

The Shoppe's at Chesapeake

THOMPSON CREEK RD

THOMPSON CREEK MALL

Preferred Alternative - Limits of Disturbance

Preferred Alternative - Limits of Disturbance - Optional SUP

Existing Pavement

Widened Pavement

New/Realigned Pavement

New Bridge

Optional SUP

Stormwater Management Ponds

Potential Noise Barriers *

Public Trails

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Chesapeake BAY CROSSING STUDY TIER 2 NEPA

Preferred Alternative

October 2026

MAIN ST

MARYLAND 18

Stevensville Cemetery

50 301

Cox Creek

Bank of America

Dunkin'

Hardee's

Cult Classic Brewing

Chester Place

SHERMAN DR

Location of transition from 3 lanes per direction to 4 lanes per direction.

- Preferred Alternative - Limits of Disturbance
- Preferred Alternative - Limits of Disturbance - Optional SUP
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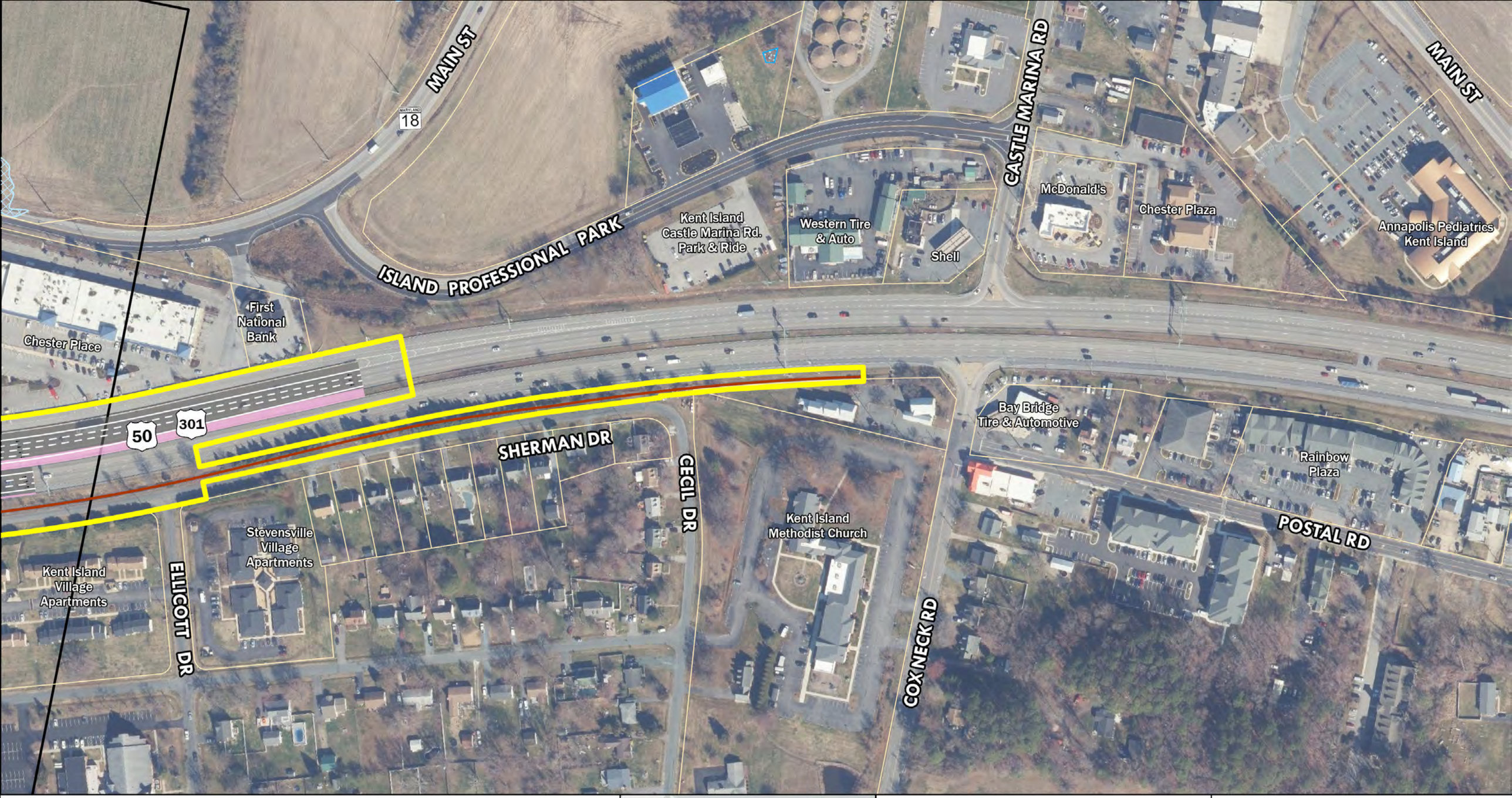
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MDTA Maryland Transportation Authority

Chesapeake BAY CROSSING STUDY TIER 2 NEPA

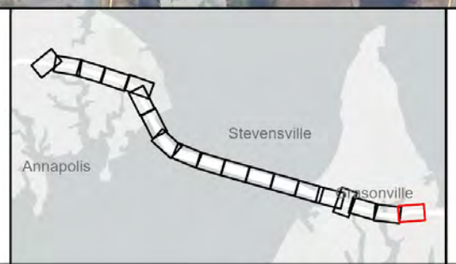
Preferred Alternative

October 2026



- Preferred Alternative - Limits of Disturbance
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