

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
United States Coast Guard
Fifth Coast Guard District

431 Crawford Street
Portsmouth, VA 23704-5004
Staff Symbol: (dpb)
Phone: (757) 398-6227
Fax: (757) 398-6334
Email: Jack.H.Williams2@uscg.mil
or CGDFiveBridges@uscg.mil

16591
13 DEC 2024

PUBLIC NOTICE D05PN-10-2024

All interested parties are notified that an application dated September 05, 2024, has been received from the Maryland Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for the modification of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Wicomico River, mile 22.5, near Salisbury, Wicomico County, MD.

CHARACTER OF WORK: The proposed project is to modify the Route 50 bascule bridge by completing substructure repairs, fender system repairs, extract in its entirety three existing dolphin cluster and install three concrete filled pipe pile dolphin cluster with pile wrap. The purpose of the project is to rehabilitate the bridge protection system. This work will not change the existing navigational clearances.

MINIMUM NAVIGATIONAL CLEARANCES:

| <u>Existing</u> | <u>Proposed</u> |
|---|---|
| Vertical Clearance: | Vertical Clearance: |
| Open – Unlimited | Open – Unlimited |
| Closed – 5.4 feet above mean high water | Closed – 5.4 feet above mean high water |
| Horizontal Clearance: (normal to axis of the channel) | Horizontal Clearance: (normal to axis of the channel) |
| 40 feet between the bridge protective system | 40 feet between the bridge protective system |

North American Vertical Datum of 1988 (NAVD88) (Existing and modified bridge)

ENVIRONMENTAL CONSIDERATIONS:

The Federal Highway Administration (FHWA) is the lead Federal agency for compliance with the National Environmental Policy Act (NEPA). In accordance with a programmatic agreement between FHWA and Maryland Department of Transportation State Highway Administration (MDOT), MDOT approved a Programmatic Categorical Exclusion on January 23, 2024. The U.S. Coast Guard tentatively determined that the proposed action will not have significant impact for the purposes of NEPA and the project warrants a categorical exclusion.

A water quality certification (WQC) was issued in accordance with section 401 of the Clean Water Act, as amended. For this project, Maryland Department of the Environment issued the WQC through the Maryland State Programmatic General Permit 401 Water Quality Certification, Certification No. 20-WQC-0051 dated March 24, 2021. This project will temporarily impact 1,095 square feet to tidal open water wetlands and 111 square feet of permanent impact to tidal open water wetlands.

The applicant made a determination that the project is consistent with the Maryland's coastal zone management program, and the Maryland Department of the Environment concurred with this determination on March 24, 2021. The project occurs within Maryland coastal zone and shall comply with all applicable enforceable polices under the approved Maryland coastal zone management program conditions.

The bridge is located in the floodplain. The 100-year flood level is +6.0 feet from datum and low steel of the bridge in the navigation span is +7.9 feet from datum. Elevations are referenced to mean high water NAVD88 datum.

SOLICITATION OF COMMENTS:

Mariners are requested to provide navigational information, such as the sizes and types of vessels presently owned and operated on the waterway and nature of navigation (including the extent of nighttime navigation) on the waterway. Mariners are requested to comment on the navigational clearances and need for bridge protective systems, clearance gauges, and navigational lighting on the proposed bridge. Please submit the attached response form.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetland, floodplain issues, air, water quality, environmental justice, etc. to the FHWA as the lead federal agency. Comments will be received for the record at the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 through **13 JAN 2025**.

HAL R. PITTS
Bridge Program Manager
By direction

Attachments: (1) Response Form
(2) Location/Vicinity Maps and Plan Sheets

U.S. 50 Business Bridge over
 Wicomico River, mile 22.5, near Salisbury,
 Wicomico County, MD
Public Notice D05PN-10-2024
 Response Form

It is requested that anyone having an interest in this proposed project, from the standpoint of navigation, submit vessel information, comments, and recommendations on this form to the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 by **13 JANUARY 2025**.

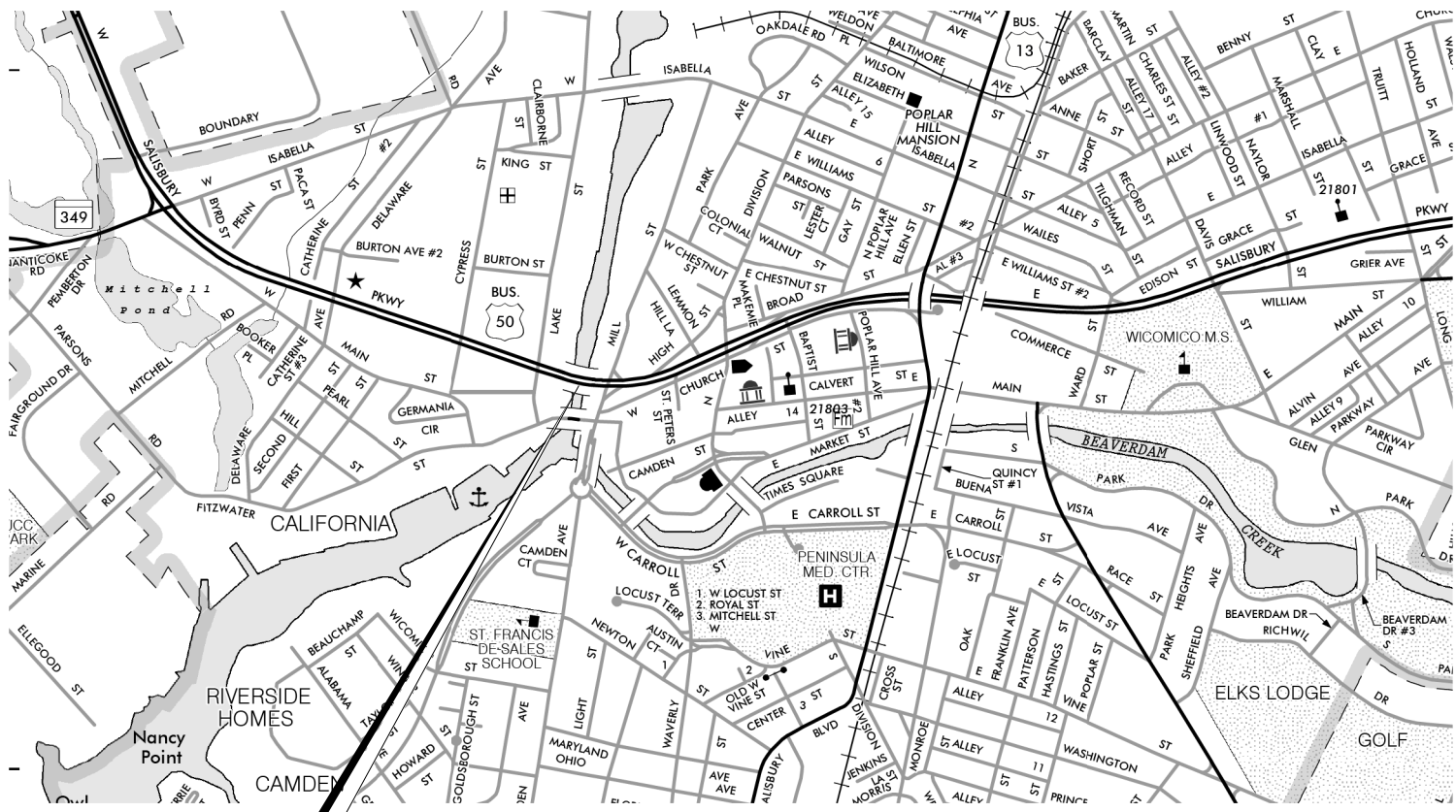
| Vessel Information | Please provide all requested information: |
|---|---|
| Vessel Type | |
| Use – <i>Commercial and/or Recreational</i> | |
| Vessel Height | |
| Draft | |
| Length | |
| Beam | |
| Tonnage | |
| Mooring Location | |

Name (Optional): _____

Address (Optional): _____

Phone (Optional): _____

Comments and Recommendations: _____

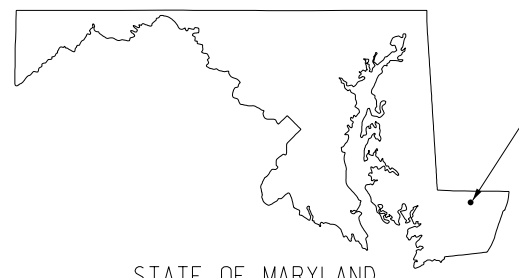


WICOMICO COUNTY

| | |
|------------------|------------|
| HORIZONTAL DATUM | NAD 83 /91 |
| VERTICAL DATUM | NAD 88 |


STRUCTURE 2202800
US 50 BUSINESS OVER
WICOMICO RIVER

VICINITY MAP



Proposed
 Bridge
 Rehabilitation

STATE OF MARYLAND




www.jmt.com

SHEET NOS. 1-5

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

MD LICENSE NO. 41430 EXPIRATION DATE: 01-05-26





OFFICE OF STRUCTURES

REHABILITATION OF STRUCTURE NO. 2202800 ON US 50 BUSINESS OVER WICOMICO RIVER, MILE 22.5

Salisbury, MD (Wicomico County)

VICINITY MAP

SCALE AS SHOWN DATE 11/26/2024 CONTRACT NO. 1114193020

DESIGNED BY: E.L.C.
 DRAWN BY: C.A.W.
 CHECKED BY: J.H.S.

DRAWING NO. SHEET NO. 1 OF 6

BY: CARTWRIGHT



ELLER MEDIA COMPANY, LLC
213 LAKE ST.
MAP: 0106
GRID: 0017
PARCEL: 1635

EXISTING DOLPHIN CLUSTER TO REMAIN AS IS

WORK TO BE PERFORMED:

- ① EXTRACT EXISTING DOLPHIN CLUSTER IN ITS ENTIRETY
- ② INSTALL NEW CONCRETE FILLED PIPE PILE DOLPHIN CLUSTER AND PILE WRAP
- ③ EXTRACT EXISTING TIMBER PILE AND INSTALL NEW TIMBER PILE
- ④ INSTALL NEW VERTICAL TIMBER SHEETING BOARDS
- ⑤ INSTALL (5) FIVE NEW WIRE BANDS AROUND EXISTING TIMBER DOLPHIN CLUSTER
- ⑥ PERFORM UNDERWATER EPOXY CRACK INJECTION REPAIR
- ⑦ PERFORM UNDERWATER CONCRETE REPAIR

210 MILL ST., LLC
210 MILL ST.
MAP: 0106
GRID: 0017
PARCEL: 1653

STRUCTURE NO. 2200800

TO VIENNA

U.S. 50 WEST

U.S. 50 EAST

TO OCEAN CITY

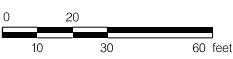
PREVIOUS DOLPHIN CLUSTER CUT OFF AT MUDLINE

CITY OF SALISBURY
SHA ID: 93035

PREVIOUS DOLPHIN CLUSTER CUT OFF AT MUDLINE

| | |
|------------------|------------|
| HORIZONTAL DATUM | NAD 83 /91 |
| VERTICAL DATUM | NAD 88 |

LOCATION MAP



WICOMICO RIVER
EBB
FLOOD

GLC, LLC
313 W. MAIN ST.
MAP: 0106
GRID: 0017
PARCEL: 1649

MDOT OFFICE OF STRUCTURES
MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

REHABILITATION OF STRUCTURE NO. 2202800 ON US 50 BUSINESS OVER WICOMICO RIVER, MILE 22.5
Salisbury, MD (Wicomico County)



SHEET NOS. 1-5

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MD LICENSE NO. 41430 EXPIRATION DATE: 01-05-26



| LOCATION MAP | | |
|---------------------|------------------|-----------------------|
| SCALE AS SHOWN | DATE 11/29/2024 | CONTRACT NO. 11119202 |
| DESIGNED BY: E.L.C. | | |
| DRAWN BY: C.A.W. | | |
| CHECKED BY: J.H.S. | | |
| DRAWING NO. | SHEET NO. 2 OF 6 | |

BY: CARTWRIGHT



ELLER MEDIA COMPANY, LLC
213 LAKE ST.
MAP: 0106
GRID: 0017
PARCEL: 1635

210 MILL ST., LLC
210 MILL ST.
MAP: 0106
GRID: 0017
PARCEL: 1653

GLC, LLC
313 W. MAIN ST.
MAP: 0106
GRID: 0017
PARCEL: 1649

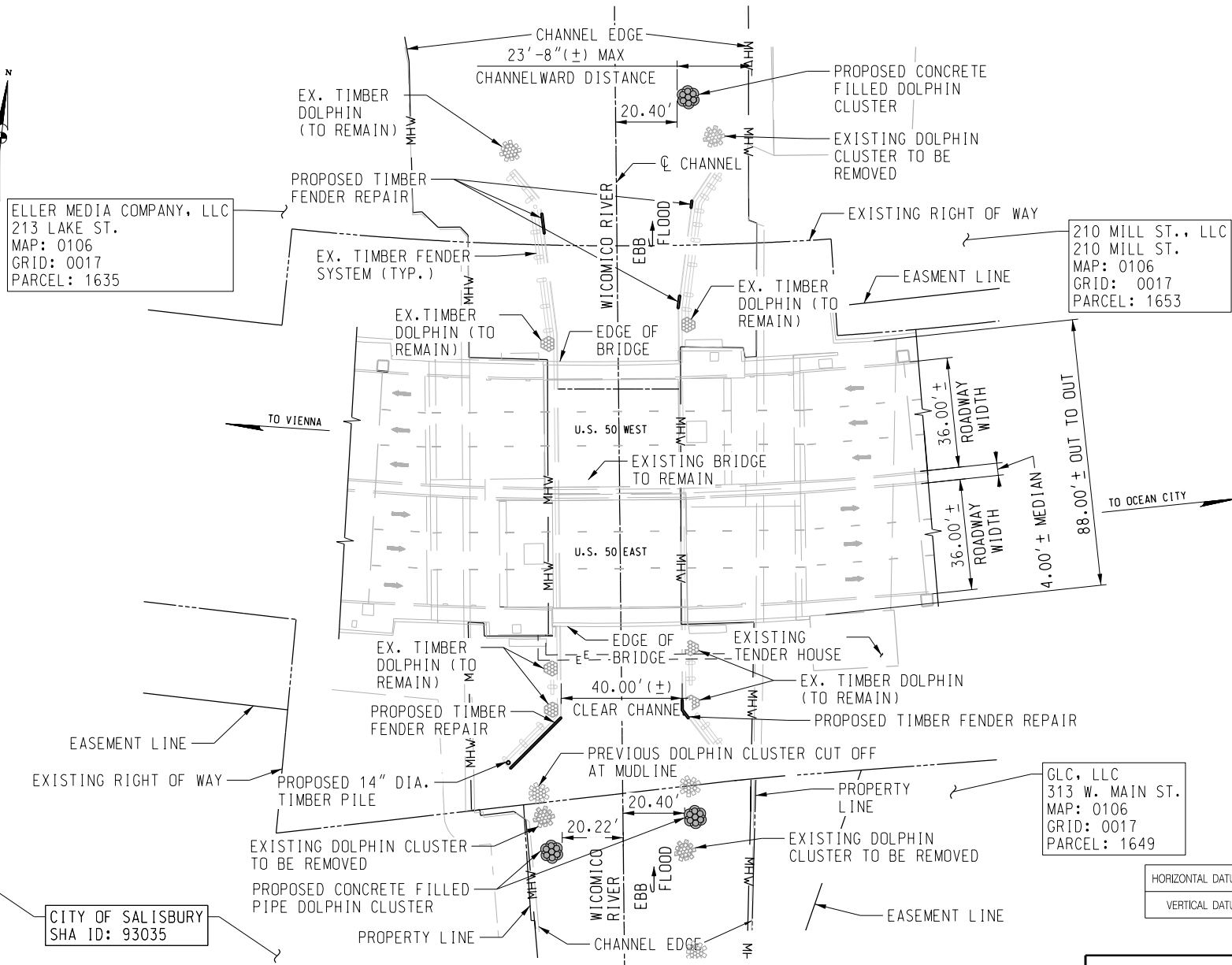
CITY OF SALISBURY
SHA ID: 93035

LEGEND

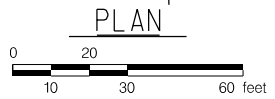
- - - E - - - EXISTING UNDERGROUND SUBMARINE CABLE (TO REMAIN)
- PROPOSED STRUCTURE
- EXISTING STRUCTURE TO BE REMOVED
- MHW - MEAN HIGH WATER


BY: EMacAnaspicio

PLATTER 11/15/2024
OTHER CONTRACTS FOR THIS STRUCTURE



| | |
|------------------|------------|
| HORIZONTAL DATUM | NAD 83 /91 |
| VERTICAL DATUM | NAD 88 |



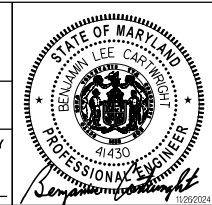


www.jmt.com

SHEET NOS. 1-5

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MD LICENSE NO. 41430 EXPIRATION DATE: 01-05-26



OFFICE OF STRUCTURES

REHABILITATION OF STRUCTURE NO. 2202800 ON US 50 BUSINESS OVER WICOMICO RIVER, MILE 22.5

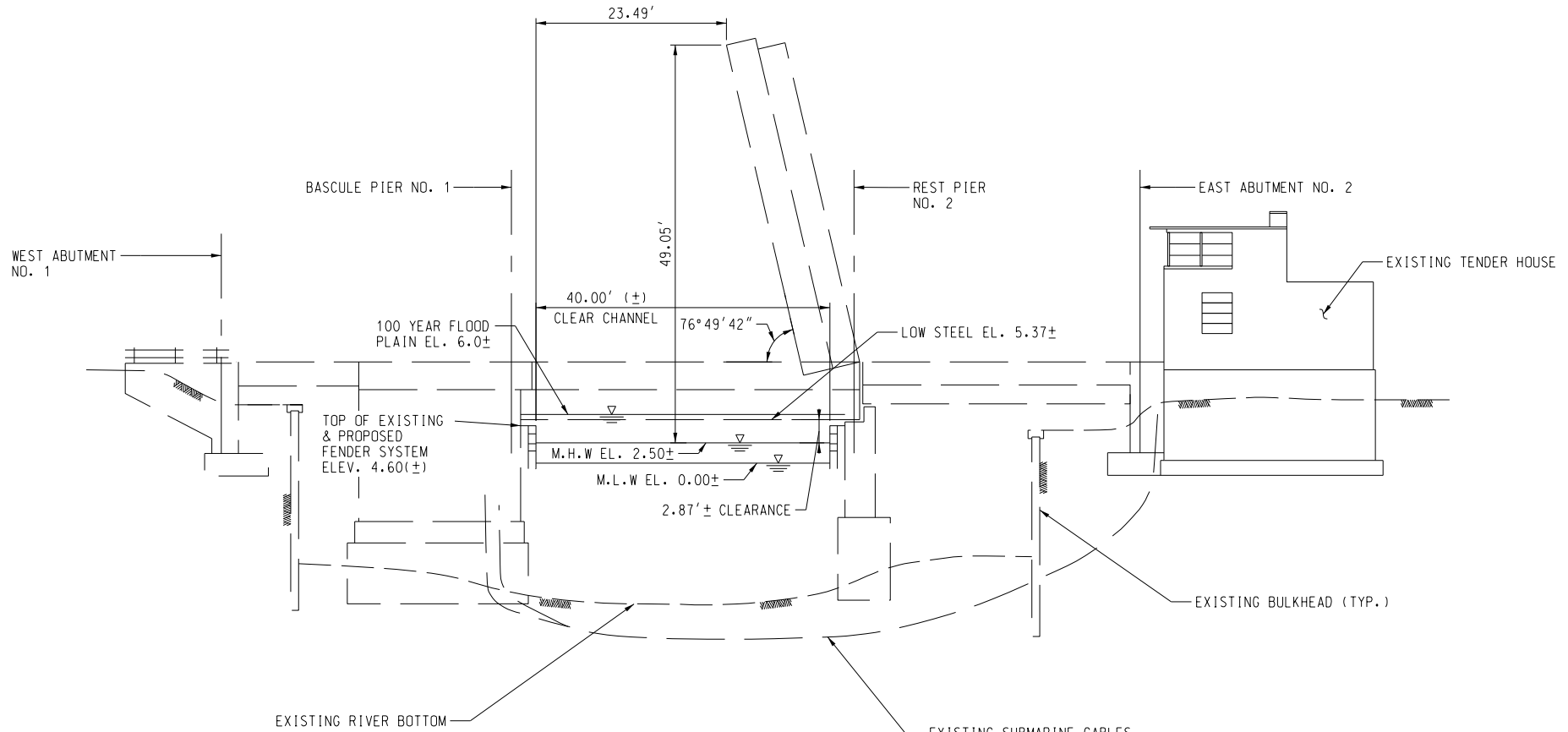
Salisbury, MD (Wicomico County)

PLAN

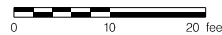
SCALE AS SHOWN DATE 11/26/2024 CONTRACT NO. 11119202

DESIGNED BY: E.L.C.
DRAWN BY: C.A.W.
CHECKED BY: J.H.S.

DRAWING NO. SHEET NO. 3 OF 6



ELEVATION



| | |
|------------------|------------|
| HORIZONTAL DATUM | NAD 83 /91 |
| VERTICAL DATUM | NAD 88 |

MDOT
MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF STRUCTURES
REHABILITATION OF STRUCTURE NO. 2202800 ON US 50 BUSINESS OVER WICOMICO RIVER, MILE 22.5
Salisbury, MD (Wicomico County)

JMT
www.jmt.com

SHEET NOS. 1-5

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
MD LICENSE NO. 41430 EXPIRATION DATE: 01-05-26

STATE OF MARYLAND
LEE CARTWRIGHT
PROFESSIONAL ENGINEER
41430
Lee Cartwright

| ELEVATION | | |
|----------------|------------------|--------------------------|
| SCALE AS SHOWN | DATE 11/29/2024 | CONTRACT NO. 1114193(02) |
| DESIGNED BY | ELC | |
| DRAWN BY | CAW | |
| CHECKED BY | JHS | |
| DRAWING NO. | SHEET NO. 4 OF 6 | |

BY: CARTWRIGHT



BY: CARTWRIGHT

2" CONC. CAP,
SLOPE TO DRAIN

EL. 7.17

24" DIA. STEEL
PIPE PILE (TYP.)

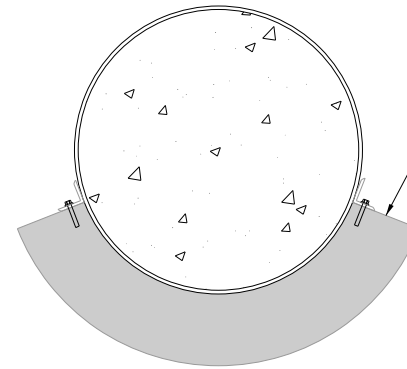
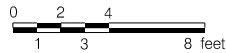
DOLPHIN PILE WRAP
(SEE DETAIL THIS SHEET)

M.H.W. EL. 2.50±
M.L.W. EL. 0.00±

MUDLINE VARIES

TIP EL. -80.00

TYPICAL SECTION - PROPOSED DOLPHIN



LAMINATED DOLPHIN PILE WRAP.
INSTALL 10'-0" FROM TOP OF
PILE. CONNECT TO STEEL PIPE
PILE PER MANUFACTURER
RECOMMENDATIONS

DOLPHIN PROTECTION DETAIL

N.T.S.

| | |
|------------------|------------|
| HORIZONTAL DATUM | NAD 83 /91 |
| VERTICAL DATUM | NAD 88 |



OFFICE OF STRUCTURES

REHABILITATION OF STRUCTURE NO.
2202800 ON US 50 BUSINESS OVER
WICOMICO RIVER, MILE 22.5

Salisbury, MD (Wicomico County)

TYPICAL SECTION - 1

SCALE AS SHOWN DATE 11/26/2024 CONTRACT NO. 114196080

DESIGNED BY: E.L.C.

DRAWN BY: C.A.W.

CHECKED BY: J.H.S.

DRAWING NO.

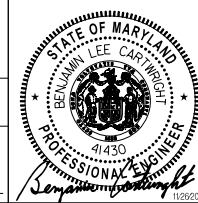
SHEET NO. 5 OF 6

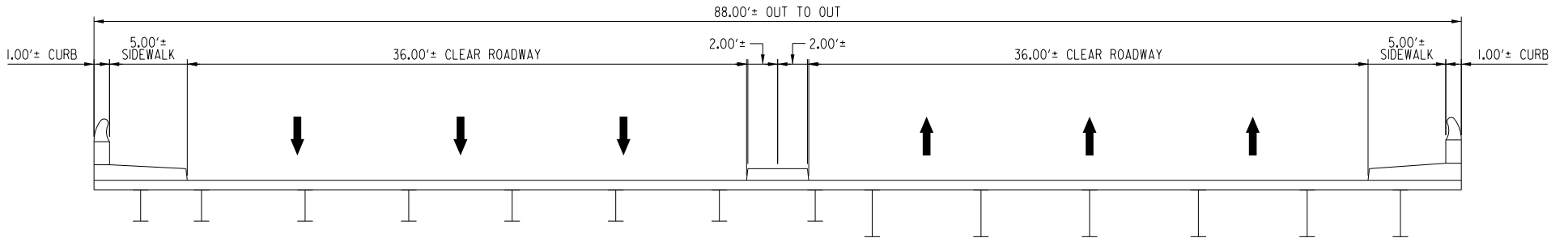


SHEET NOS. 1-5

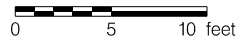
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

MD LICENSE NO. 41430 EXPIRATION DATE: 01-05-26





TYPICAL SECTION - EXISTING BRIDGE



| | |
|------------------|-------------|
| HORIZONTAL DATUM | NAD 83 / 91 |
| VERTICAL DATUM | NAD 88 |



OFFICE OF STRUCTURES
 REHABILITATION OF STRUCTURE NO.
 2202800 ON US 50 BUSINESS OVER
 WICOMICO RIVER, MILE 22.5

Salisbury, MD (Wicomico County)

TYPICAL SECTION - 2

SCALE AS SHOWN DATE 11/29/2024 CONTRACT NO. 11A196189

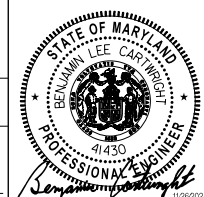
DESIGNED BY: B.L.C.
 DRAWN BY: C.A.W.
 CHECKED BY: J.H.S.

DRAWING NO. SHEET NO. 6 OF 6



SHEET NOS. 1-5

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 MD LICENSE NO. 41430 EXPIRATION DATE: 01-05-26



BY: CARTWRIGHT