

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: (206) 815-4631
Fax: (757) 398-6334
Email: Amanda.n.Boone2@uscg.mil
or CGDFiveBridges@uscg.mil

16591
November 27, 2023

PUBLIC NOTICE D05PN-08-2023

All interested parties are notified that an application dated November 2, 2023, has been received from the North Carolina Department of Transportation by the Commander, Fifth Coast Guard District, for approval of the location and plans for replacement of the navigation span of the existing fixed highway bridge – NC 92 (Ray S. Brooks) Bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Bath Creek, mile 2.1, in Bath, Beaufort County, NC.

CHARACTER OF WORK: The proposed project is to replace Span 25 which serves as the main navigation span of the NC 92 (Ray S. Brooks) Bridge. Concrete Span 25 will be removed, and a new span will be constructed in its place. No temporary bridges or structures will be in the waterway. Only Span 25 will be removed and replaced; all other portions of the substructure and superstructure of the existing bridge will remain. The purpose of the project is to alleviate the need for weight restrictions on the aging bridge and to provide maintenance for the structure's longevity. The vertical and horizontal clearances of the bridge will remain the same. There will be barge/crane activity in the waterway during demolition and construction.

MINIMUM NAVIGATIONAL CLEARANCES:

<u>Existing</u>	<u>Proposed</u>
Vertical Clearance: 11.86 feet above high water	Vertical Clearance: 11.86 feet above mean high
Horizontal Clearance: (normal to axis of the channel) 37 feet between bridge piers	Horizontal Clearance: (normal to axis of the channel) 37 feet between bridge piers

North American Vertical Datum of 1988 (NAVD88) (Existing and Proposed bridges)

ENVIRONMENTAL CONSIDERATIONS:

The Federal Highways Administration (FHWA) is the lead Federal agency for compliance with the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the U. S. Coast Guard (USCG) for all applicable environmental control laws and Executive Orders. The FHWA approved a Categorical Exclusion (CATEX) on September 23, 2023. The USCG has tentatively determined that the environmental documentation approved by the FHWA is adequate for USCG bridge permitting purposes and intends to prepare a memorandum to file to document a USCG CATEX. Environmental documents are available for review at the address in the letterhead above, Monday through Friday (except Federal holidays), from 8 a.m. to 4:30 p.m.

The bridge is located in the floodplain. The 100-year flood level is +8.00 feet from datum and low steel of the bridge in the navigation span is +13.36 feet from datum.

A water quality certificate was issued by the State of North Carolina via North Carolina Department of Environmental Quality, Water Quality General Certification Number 4239, dated February 25, 2022, and USACE NWP 3 Maintenance dated February 25, 2022.

The bridge construction site is located inside of a designated Coastal Zone Management area. The applicant provided the State of North Carolina with the project location information. The State of North Carolina issued a finding on September 8, 2023, that the project will not pose any effects on coastal uses or resources within the coastal zone.

Comments received in response to this notice concerning environmental control laws and Executive Orders will be forwarded to FHWA as lead Federal Agency.

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.

Interest parties are requested to express their views, in writing, on the proposed bridge project, giving sufficient detail to establish a clear understanding of their reasons for support of, or opposition to, the proposed project. 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 December 27, 2023.

HAL R. PITTS
Bridge Program Manager
By direction

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

NC 92 Bridge (Ray S. Brooks Bridge)
 Bath Creek, mile 2.1,
 at Bath, Beaufort County, NC
Public Notice D05PN-08-2023
 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 December 27, 2023.

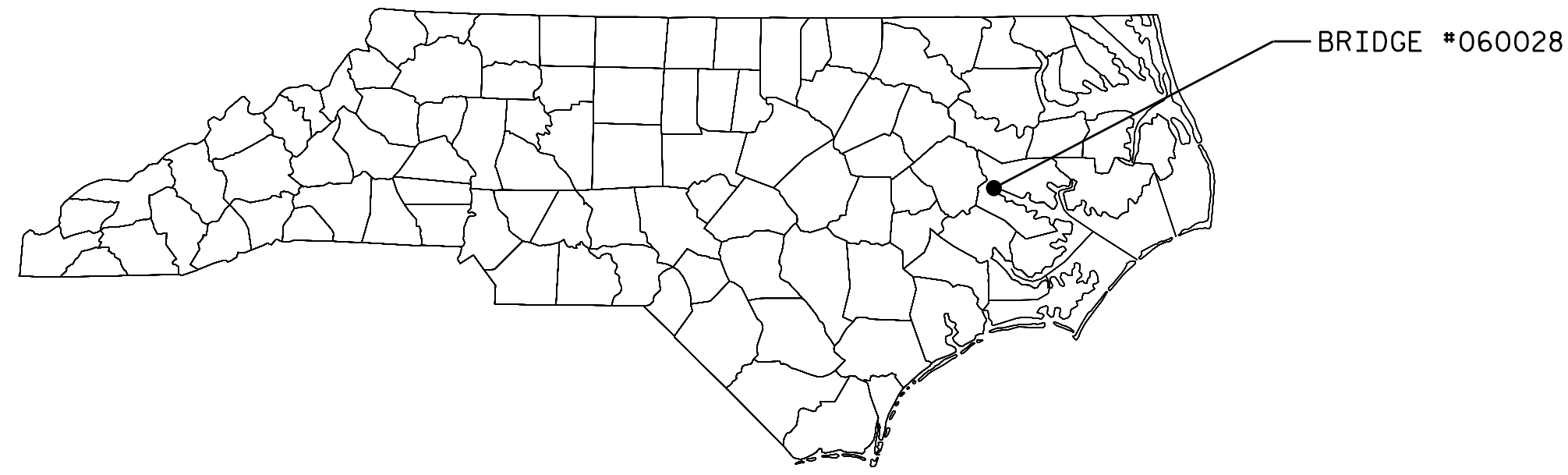
Vessel Information	Please provide all requested information:
Vessel Type	
Use – <i>Commercial and/or Recreational</i>	
Vessel Height	
Draft	
Length	
Beam	
Tonnage	
Mooring Location	

Name (Optional): _____

Address (Optional): _____

Phone (Optional): _____

Comments and Recommendations: _____



LOCATION: BEAUFORT CO.:

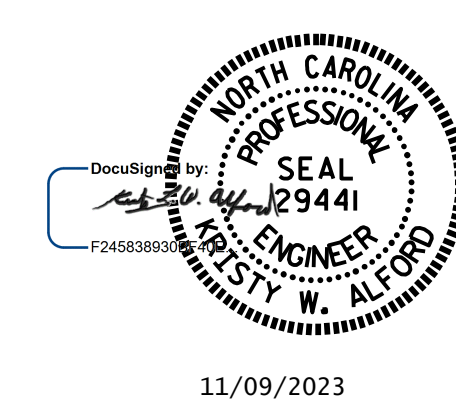
BRIDGE #060028 ON NC 92 OVER BATH CREEK.



LATITUDE	35° 28' 38.49"
LONGITUDE	76° 49' 02.06"

PROJECT NO. 15BPR.56
BEAUFORT COUNTY
 BRIDGE NO.: 060028

2.1 MILES FROM PAMLICO RIVER



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
LOCATION SKETCHES
 NC 92 (RAY S. BROOKS) BRIDGE
 MILE POINT (2.1) OVER
 BATH CREEK, BATH,
 BEAUFORT COUNTY, NC
 BETWEEN SR 1339 AND SR 1741

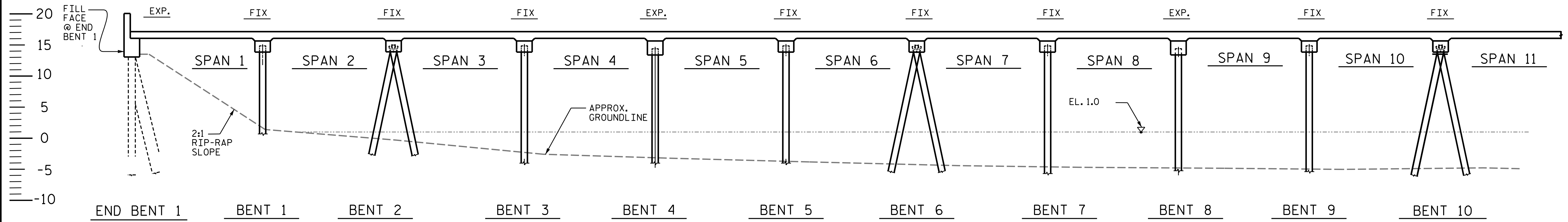
LOCATION SKETCH

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING THE BRIDGES, ROADWAYS, UTILITIES, THE SURROUNDING AREA, AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

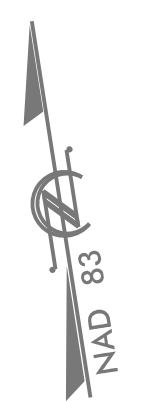
DRAWN BY : S. T. SANDOR DATE : 09/2023
 CHECKED BY : W. C. SMITH DATE : 09/2023

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

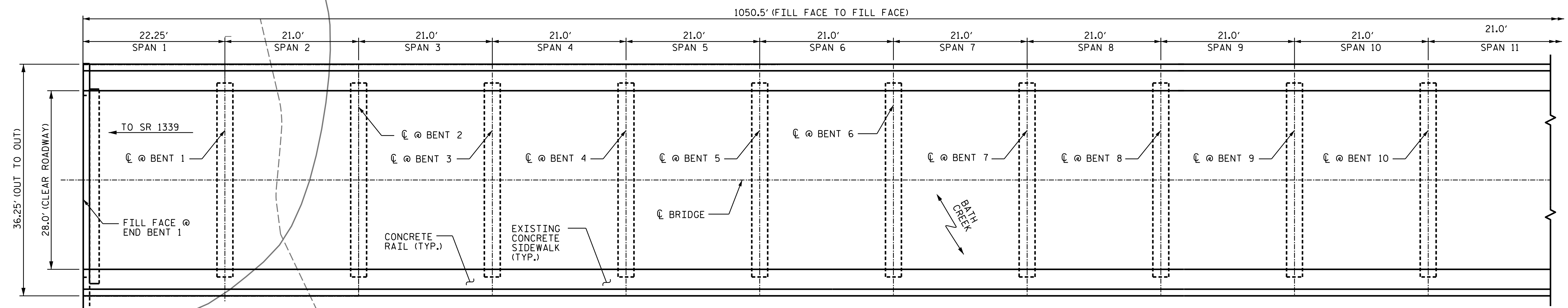
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-1
1			3			TOTAL SHEETS
2			4			7



ELEVATION
(SECTION ALONG ϕ ROADWAY)

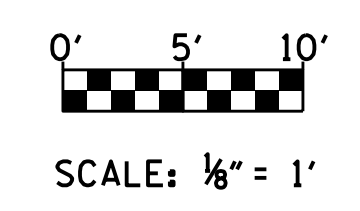


NW QUADRANT PROPERTY OWNER:
F. S. WORTHY JR.



PLAN
(PILES NOT SHOWN FOR CLARITY)

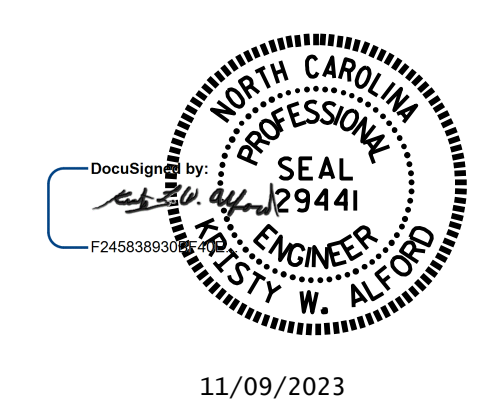
SW QUADRANT PROPERTY OWNER:
RONNIE C. AND SHARON H. ROBERTS



DRAWN BY : S. T. SANDOR DATE : 09/2023
CHECKED BY : W. C. SMITH DATE : 09/2023

ELEVATIONS ARE BASED ON NAVD 1988 DATUM.

CONCEPTUAL PLANS UTILIZED TO OBTAIN
COAST GUARD BRIDGE PERMIT.

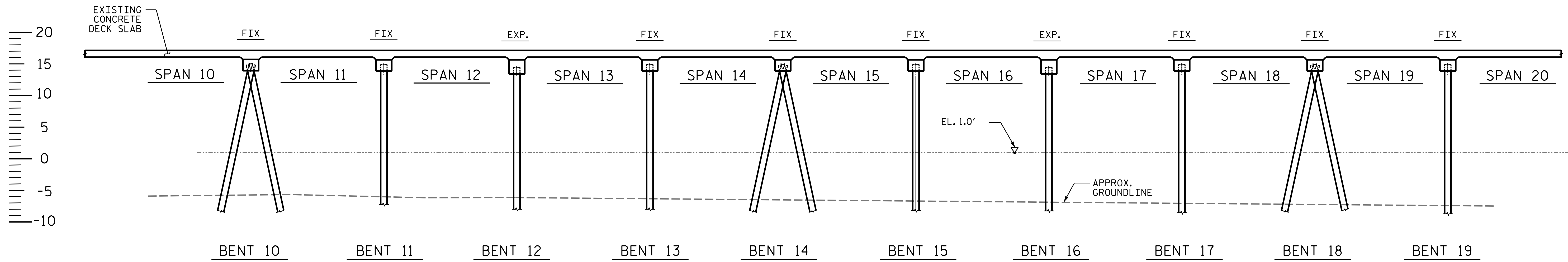


PROJECT NO. 15BPR.56
BEAUFORT COUNTY
BRIDGE NO. 060028
SHEET 2 OF 7 2.1 MILES FROM PAMLICO RIVER

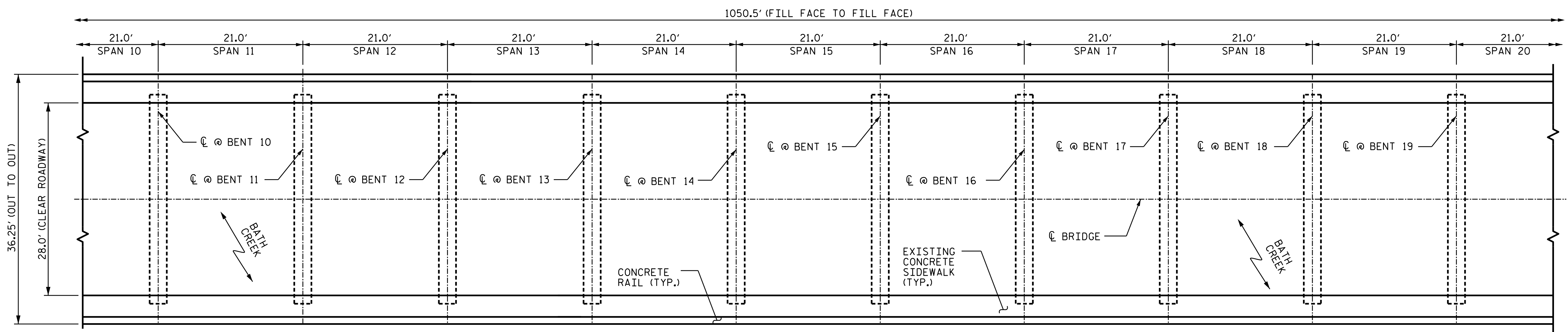
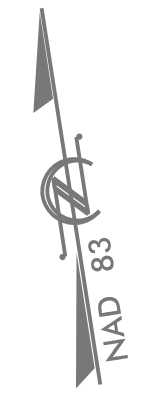
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
GENERAL DRAWING
NC 92 (RAY S. BROOKS) BRIDGE
MILE POINT (2.1) OVER
BATH CREEK, BATH,
BEAUFORT COUNTY, NC
BETWEEN SR 1339 AND SR 1741

REVISIONS						SHEET NO.
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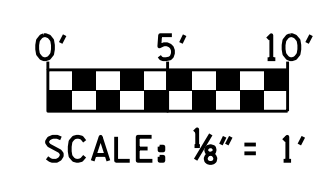
DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED



ELEVATION
(SECTION ALONG CL ROADWAY)

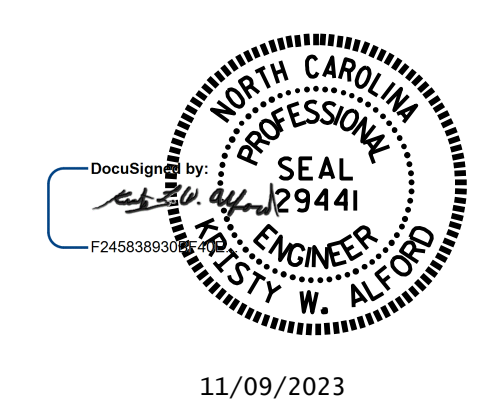


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ELEVATIONS ARE BASED ON NAVD 1988 DATUM.

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

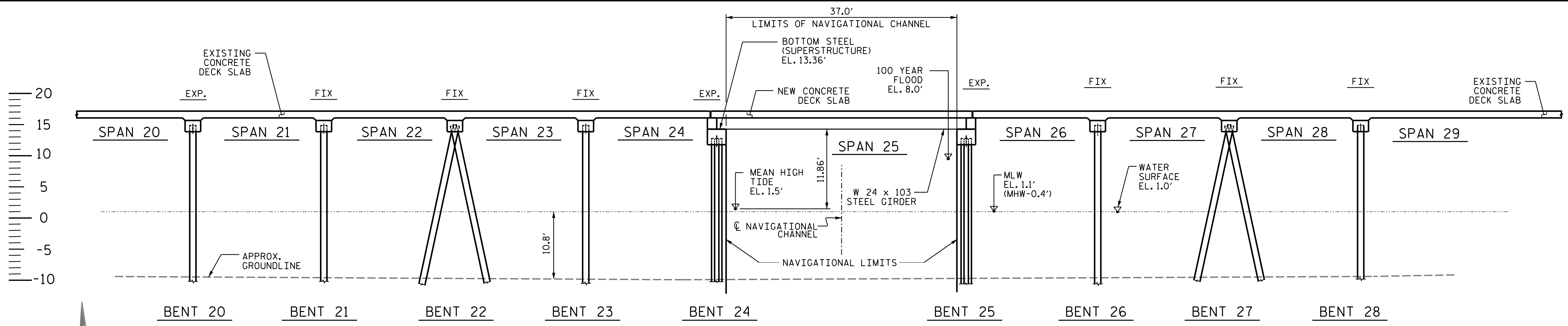


PROJECT NO. 15BPR.56
BEAUFORT COUNTY
 BRIDGE NO. 060028
 SHEET 3 OF 7 2.1 MILES FROM PAMLICO RIVER

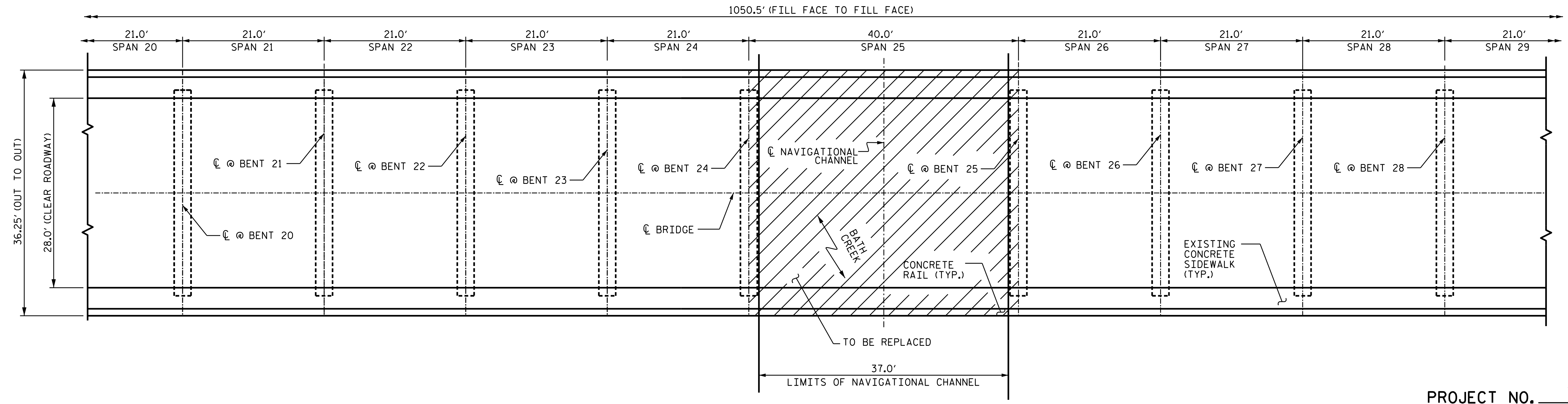
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 NC 92 (RAY S. BROOKS) BRIDGE
 MILE POINT (2.1) OVER
 BATH CREEK, BATH,
 BEAUFORT COUNTY, NC
 BETWEEN SR 1339 AND SR 1741

DRAWN BY : S. T. SANDOR DATE : 08/2021
 CHECKED BY : W. C. SMITH DATE : 08/2021

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-3
1			3			TOTAL SHEETS
2			4			7

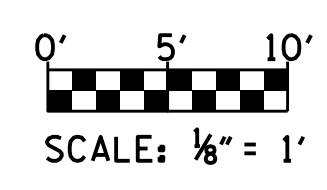


ELEVATION
(SECTION ALONG ϕ ROADWAY)



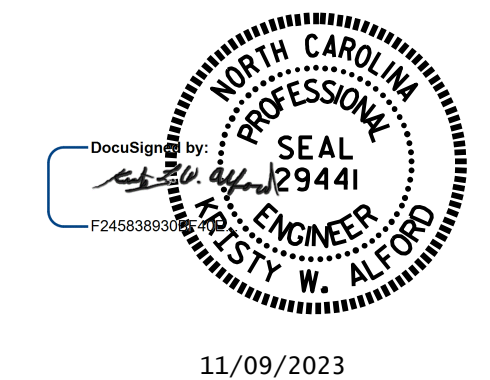
PLAN
(PILES NOT SHOWN FOR CLARITY)

PROJECT NO. 15BPR.56
BEAUFORT COUNTY
 BRIDGE NO. 060028
 SHEET 4 OF 7 2.1 MILES FROM PAMLICO RIVER



ELEVATIONS ARE BASED ON NAVD 1988 DATUM.

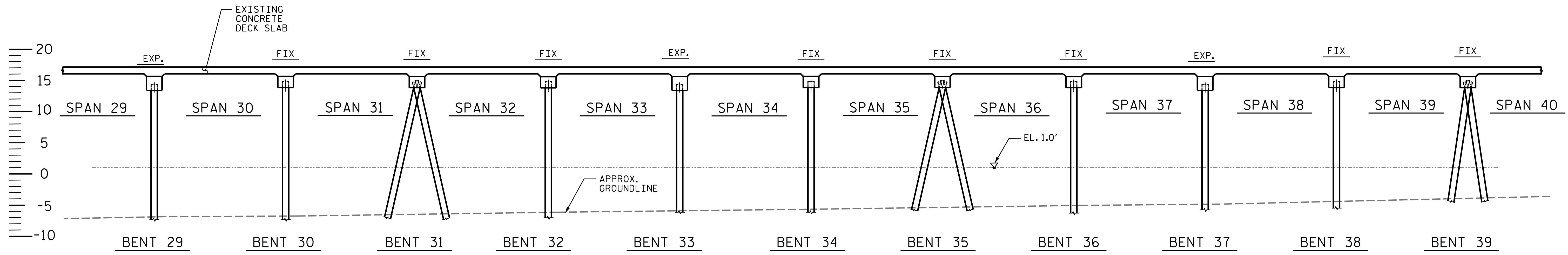
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.



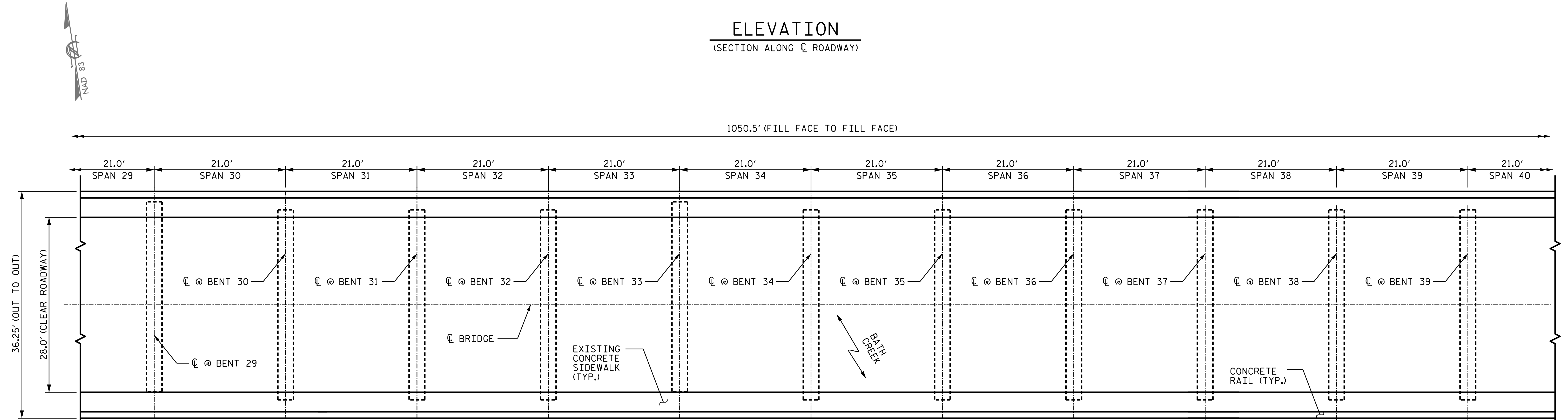
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 NC 92 (RAY S. BROOKS) BRIDGE
 MILE POINT (2.1) OVER
 BATH CREEK, BATH,
 BEAUFORT COUNTY, NC
 BETWEEN SR 1339 AND SR 1741

DRAWN BY : S. T. SANDOR DATE : 09/2023
 CHECKED BY : W. C. SMITH DATE : 09/2023

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-4
1			3			TOTAL SHEETS
2			4			7



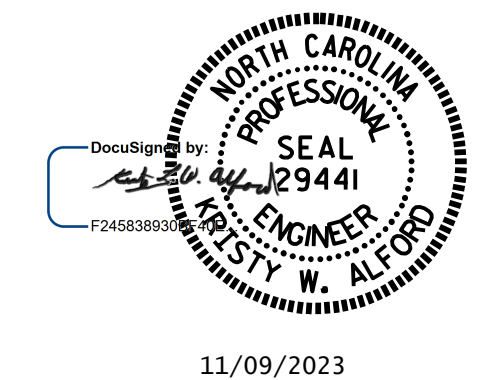
ELEVATION
(SECTION ALONG CL ROADWAY)



PLAN
(PILES NOT SHOWN FOR CLARITY)

PROJECT NO. 15BPR.56
BEAUFORT COUNTY
 BRIDGE NO. 060028
 SHEET 5 OF 7 2.1 MILES FROM PAMLICO RIVER

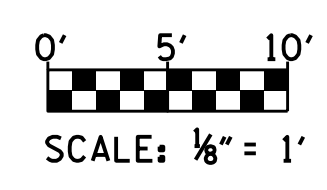
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 NC 92 (RAY S. BROOKS) BRIDGE
 MILE POINT (2.1) OVER
 BATH CREEK, BATH,
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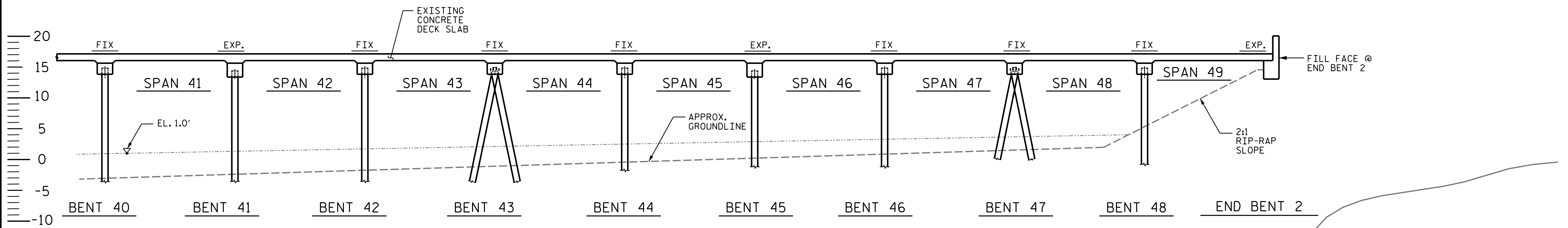
CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

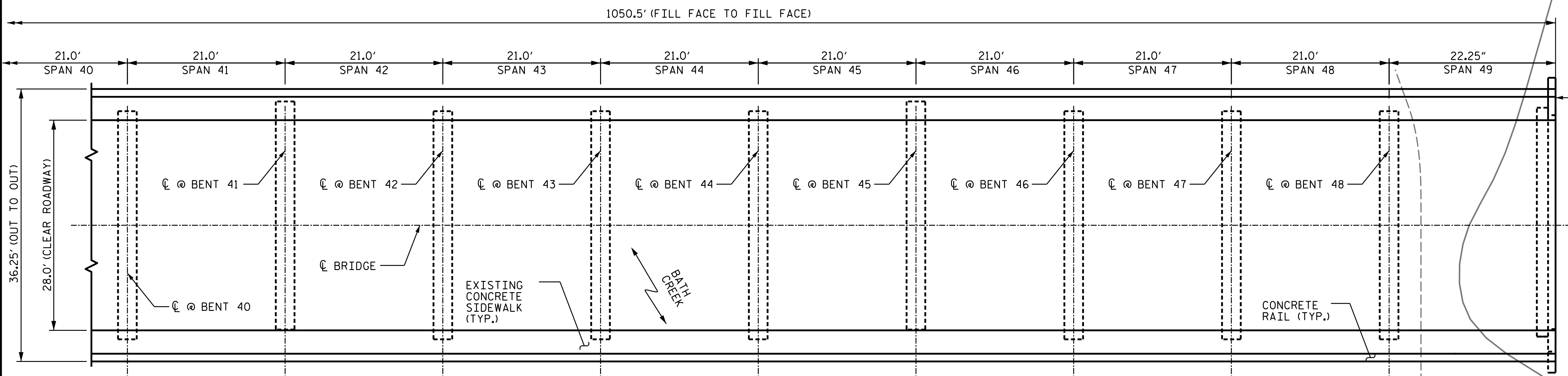


DRAWN BY : S. T. SANDOR DATE : 09/2023
 CHECKED BY : W. C. SMITH DATE : 09/2023

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-5
1			3			TOTAL SHEETS
2			4			7

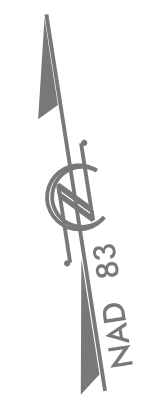


ELEVATION
(SECTION ALONG CL ROADWAY)



PLAN
(PILES NOT SHOWN FOR CLARITY)

NE QUADRANT PROPERTY OWNER:
HISTORIC BATH FOUNDATION
INC.



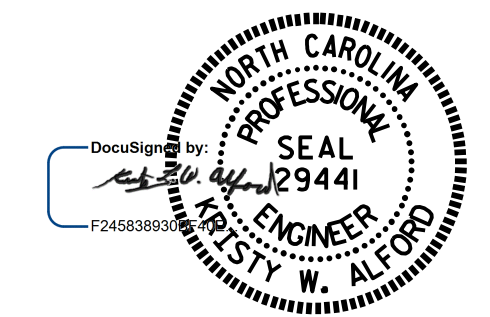
SE QUADRANT PROPERTY OWNER:
DEBORAH L. MINOR

ELEVATIONS ARE BASED ON NAVD 1988 DATUM.

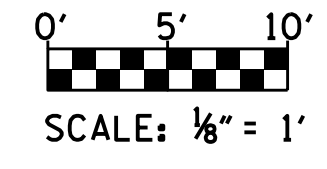
CONCEPTUAL PLANS UTILIZED TO OBTAIN
COAST GUARD BRIDGE PERMIT.

PROJECT NO. 15BPR.56
BEAUFORT COUNTY
BRIDGE NO. 060028

SHEET 6 OF 7 2.1 MILES FROM PAMLICO RIVER



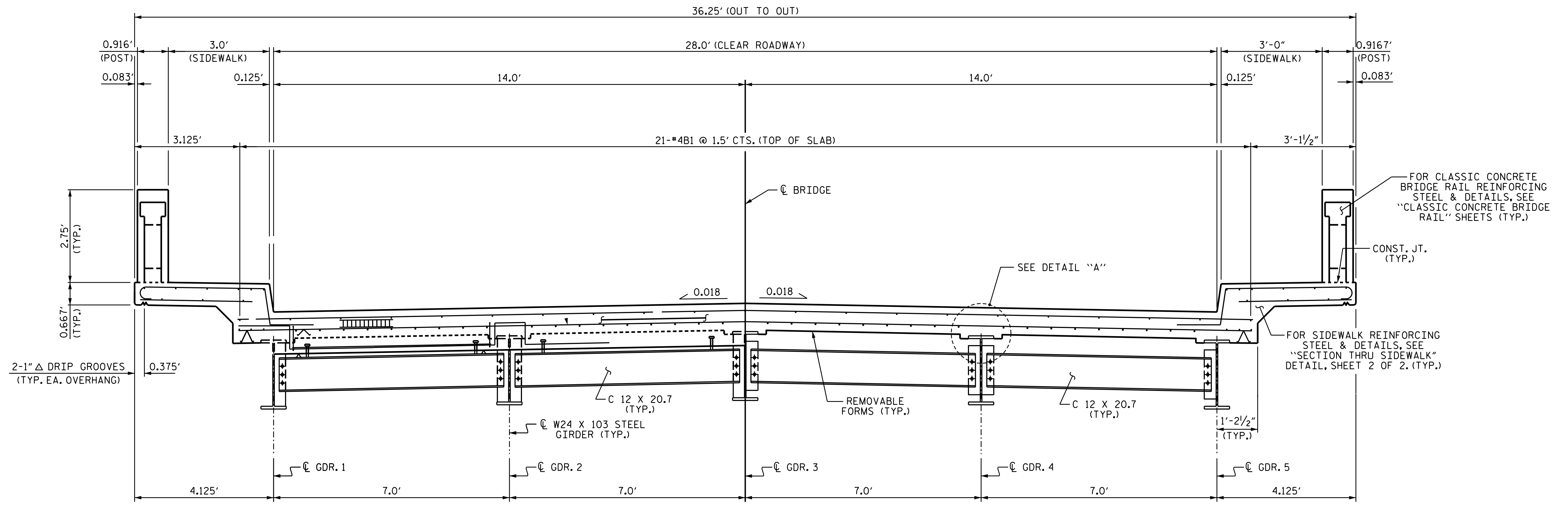
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
GENERAL DRAWING
NC 92 (RAY S. BROOKS) BRIDGE
MILE POINT (2.1) OVER
BATH CREEK, BATH,
BEAUFORT COUNTY, NC
BETWEEN SR 1339 AND SR 1741



DRAWN BY : S. T. SANDOR DATE : 09/2023
CHECKED BY : W. C. SMITH DATE : 09/2023

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-6
1			3			TOTAL SHEETS
2			4			7

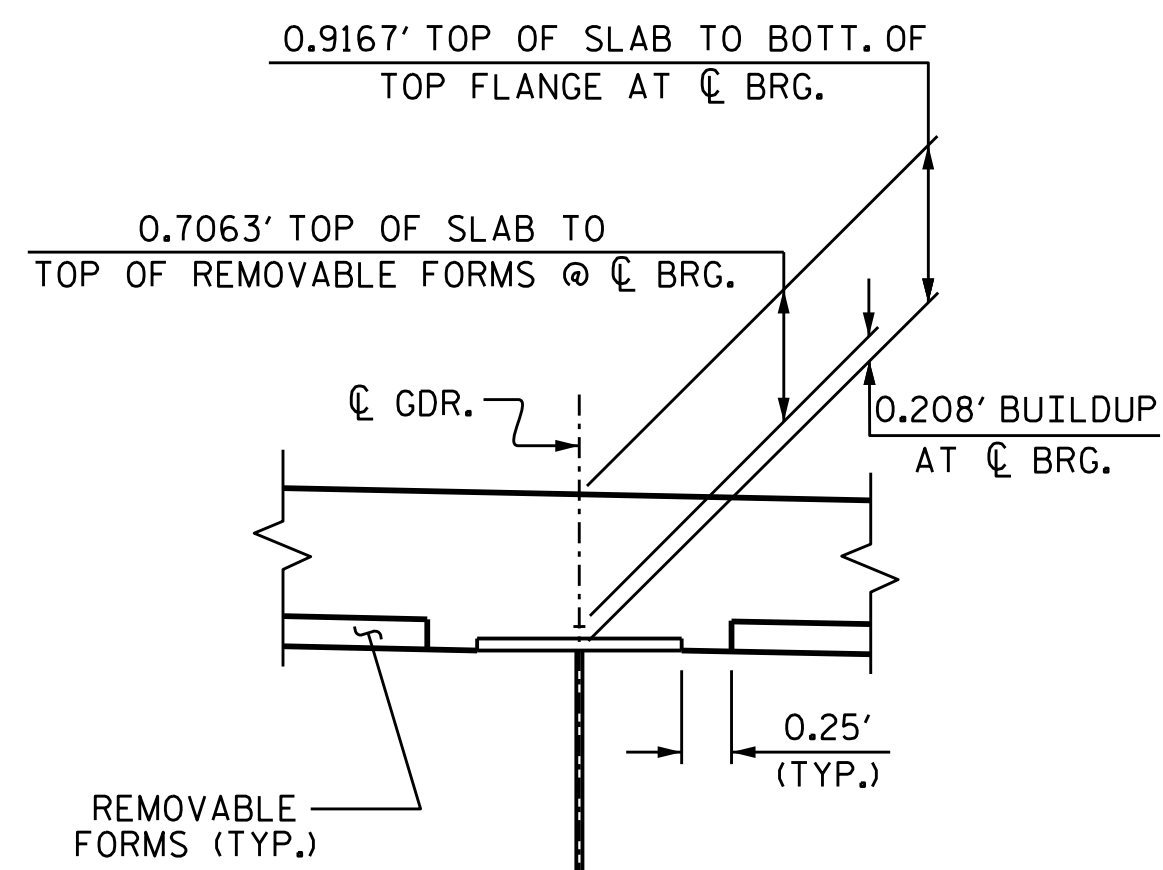


PART TYPICAL SECTION

(SHOWING BENT DIAPHRAGM)
(FOR CHANNEL DETAILS, SEE "STRUCTURAL
STEEL" SHEET 2 OF 2)

PART TYPICAL SECTION

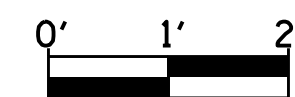
(SHOWING INTERMEDIATE DIAPHRAGM)
(FOR CHANNEL DETAILS, SEE "STRUCTURAL
STEEL" SHEET 2 OF 2)



DETAIL "A"

NOTE

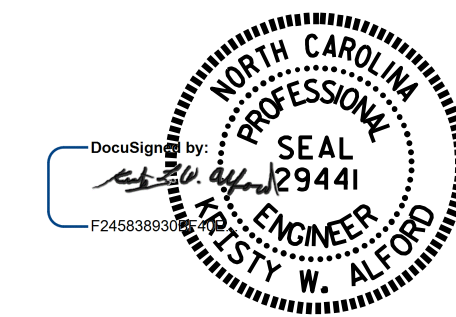
LOW STEEL ELEVATION SHALL BE MAINTAINED FROM EXISTING STRUCTURE.



SCALE: 5/8" = 1'

PROJECT NO. 15BPR.56
BEAUFORT COUNTY
BRIDGE NO. 060028

SHEET 7 OF 7



11/09/2023

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
TYPICAL SECTION
(SPAN 25)

DRAWN BY : M.K. BEARD/ S.T. SANDOR DATE : 9/2023
CHECKED BY : O.T. NGUYEN DATE : 9/2023
DESIGN ENGINEER OF RECORD: D. SHACKELFORD DATE : 9/2023

11/17/2023
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FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S7-7
1			3			TOTAL SHEETS
2			4			7