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22+50 23+00 23+50 24+00 24+50

45 40 35 30 25 20 15 10 5 0

FILL FACE @ END BENT NO.1
STA. 22+75.00 -L-
G.P. EL. 40.29

1'-0" MIN. EARTH BERM

1'-7" BERM

BEGIN FRONT SLOPE
STA. 22+68.67 -L-
G.P. EL. 40.17

LOW CHORD
EL. 34.48

EXP.

CLASS II RIP RAP
1½:1 SLOPE
(2'-0" THICK)

FILL

1'-0"

EL. 21.0±

HP 14X73
STEEL PILES

EL. 20.0±

3'-6" MIN.

EL. 17.0±

SPAN A

SPAN B

FIX FIX

3'-6" Ø COLUMNS
(TYP.)

EL. 10.0±

APPROX. NATURAL
GROUND LINE

EL. 8.0±

4'-0" Ø DRILLED
PIERS (TYP.)

FIX FIX

Q100
HIGH WATER
EL. 30.9

TOP OF DRILLED PIER
ELEV. 15.50 (TYP.)

NWS EL. 14.5
(11/17)

EL. 14.0±

EL. 8.0±

END BENT NO. 1

BENT NO. 1

BENT NO. 2

SECTION ALONG -L-

(SECTION AT END BENTS AND BENTS
TAKEN AT RIGHT ANGLES)

(+) 3.2857% (-) 2.9784%
PI = 25+45.00 -L-
EL = 50.55
VC = 950'

GRADE DATA -L-

I HEREBY CERTIFY THAT THESE PLANS ARE THE AS-BUILT PLANS.

MATCH LINE A-A

NAD 83/NSRS 2007

EXISTING
STRUCTURE

NEUSE RIVER

1'-0" MIN. EARTH BERM
EL. 29.04 (LEVEL)

TO SR 1810

BEGIN FRONT SLOPE
STA. 22+68.67 -L-

1'-7" BERM

BEGIN APPROACH SLAB
STA. 22+61.04 -L-

W.P. #1
STA. 22+75.00 -L-

FILL FACE @
END BENT NO.1

CLASS II
RIP RAP

℄ BRIDGE IS
OFFSET 6"
FROM -L-

BENT NO.1
CONTROL LINE

W.P. #2
STA. 23+65.00 -L-

105° 00' 00"
(TYP.)

-L-
(NC-55)

W.P. #3
STA. 24+55.00 -L-

BENT NO. 2
CONTROL LINE

90'-0" (SPAN A) 90'-0" (SPAN B) 90'-0" (SPAN C)

540'-0" TOTAL LENGTH OF BRIDGE (FILL FACE TO FILL FACE)

FOR COMPLETED
VIEW OF RIP RAP,
SEE RIP RAP SHEET.

PLAN ALONG -L-

(PILES NOT SHOWN IN PLAN VIEW FOR CLARITY)

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL
PATRICK R. GALLAGHER
DocuSigned by: Patrick Gallagher
9/7/2023

PROJECT NO. B-4926

LENOIR COUNTY

STATION: 25+45.00 -L-

SHEET 1 OF 6 BRIDGE #530020

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER
NEUSE RIVER ON
NC-55 BETWEEN
SR 1810 AND SR 1804

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-1
1			3			TOTAL SHEETS
2			4			49

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Johnson, Mirmiran, & Thompson Inc.
4700 Falls of Neuse Rd, Suite 100,
Raleigh, NC, 27609
License No: C-3097

DWN. BY: WDC DATE: 03/2023
CHKD. BY: PRG DATE: 03/2023
DES. EGR. OF RECORD: PRG DATE: 03/2023

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TIME: 0:26 PM on Wednesday, September 06, 2023