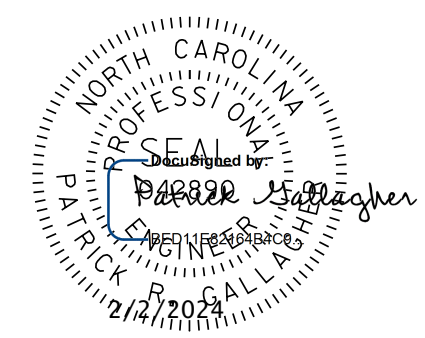


FOUNDATION LAYOUT

FOUNDATION NOTES

- FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.
- INSTALL PERMANENT STEEL CASINGS AT BENT NO.1 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTURBING ANY MATERIAL BELOW ELEVATION -14 FT.
- INSTALL PERMANENT STEEL CASINGS AT BENT NO.2 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTURBING ANY MATERIAL BELOW ELEVATION -15.5 FT.
- INSTALL PERMANENT STEEL CASINGS AT BENT NO.3 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTURBING ANY MATERIAL BELOW ELEVATION -15.5 FT.
- INSTALL PERMANENT STEEL CASINGS AT BENT NO.4 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTURBING ANY MATERIAL BELOW ELEVATION -12.5 FT.
- INSTALL PERMANENT STEEL CASINGS AT BENT NO.5 BY VIBRATING, SCREWING OR DRIVING PERMANENT CASINGS BEFORE EXCAVATING OR DISTURBING ANY MATERIAL BELOW ELEVATION -12.5 FT.
- DO NOT DEWATER DRILLED PIER EXCAVATIONS AT BENT NO.1, BENT NO.2, BENT NO.3, BENT NO.4, AND BENT NO.5. CLEAN THE BOTTOM OF EXCAVATIONS WITH A SUBMERSIBLE PUMP OR AN AIRLIFT. WET PLACEMENT OF CONCRETE IS REQUIRED.
- SLURRY CONSTRUCTION IS REQUIRED FOR DRILLED PIERS AT BENT NO.1, BENT NO.2, BENT NO.3, BENT NO.4, AND BENT NO.5.
- POLYMER SLURRY IS REQUIRED FOR DRILLED PIERS AT BENT NO.1, BENT NO.2, BENT NO.3, BENT NO.4, AND BENT NO.5.
- SEE ROADWAY PLANS AND SECTION 235 OF THE STANDARD SPECIFICATIONS FOR THE SETTLEMENT GAUGES REQUIRED AT END BENT NO.1 AND END BENT NO.2.
- OBSERVE A 2 MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT TO WITHIN 2 FT OF FINISHED GRADE BEFORE BEGINNING END BENT CONSTRUCTION AT END BENT NO.1. FOR BRIDGE WAITING WAITING PERIODS, SEE ROADWAY PLANS AND SECTION 235 OF THE STANDARD SPECIFICATIONS.
- OBSERVE A 1 MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT TO WITHIN 2 FT OF FINISHED GRADE BEFORE BEGINNING END BENT CONSTRUCTION AT END BENT NO.2. FOR BRIDGE WAITING PERIODS, SEE ROADWAY PLANS AND SECTION 235 OF THE STANDARD SPECIFICATIONS.
- TERMINATION OF THE WAITING PERIODS FOR END BENT NO.1 AND NO.2 SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER OF RECORD BASED ON SETTLEMENT GAUGE MONITORING DATA.

PROJECT NO. B-4926
LENOIR COUNTY
 STATION: 25+45.00 -L-
 SHEET 4 OF 6



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE OVER
 NEUSE RIVER ON
 NC-55 BETWEEN
 SR 1810 AND SR 1804

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

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

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

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 DWG: 03/23/2023 10:28 AM on Wednesday, January 31, 2024
 TIME: 03/23/2023 10:28 AM on Wednesday, January 31, 2024

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