



FOUNDATION NOTES:

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

DRIVE PILES AT END BENT No. 1 AND No. 2 PRIOR TO MSE ABUTMENT WALL CONSTRUCTION.

OBSERVE A TWO MONTH WAITING PERIOD AFTER CONSTRUCTING THE MSE ABUTMENT WALL, END BENT AND REINFORCED BRIDGE APPROACH FILL, BEFORE BEGINNING APPROACH SLAB CONSTRUCTION AT END BENT No. 1 AND No. 2. FOR BRIDGE WAITING PERIODS, SEE ROADWAY PLANS AND SECTION 235 OF THE STANDARD SPECIFICATIONS.

IT HAS BEEN ESTIMATED THAT A HAMMER WITH AN EQUIVALENT RATED ENERGY IN THE RANGE OF 38,500 FT-LBS PER BLOW TO 60,000 FT-LBS PER BLOW WILL BE REQUIRED TO DRIVE PILES AT END BENT No. 1 AND No. 2. THIS ESTIMATED ENERGY RANGE DOES NOT RELEASE THE CONTRACTOR FROM PROVIDING DRIVING EQUIPMENT IN ACCORDANCE WITH SUB ARTICLE 450-3(d)(2) OF THE STANDARD SPECIFICATIONS.

PROJECT NO. HB-0004
HAYWOOD COUNTY
 STATION: 254+73.75 -L-
 SHEET 2 OF 5

END BENT No. 1

FOUNDATION LAYOUT

END BENT No. 2

ENGINEER OF RECORD
1/19/2024

Designed by:
Gregory M. Gilliland
ETHERILL ENGINEERING

1223 Jones Franklin Rd.
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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON I-40
OVER NC 215 BETWEEN
SR 1513 AND SR 1585
(LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-02
1			3			TOTAL SHEETS
2			4			58

DRAWN BY : D. HODGE DATE : 11/23
 CHECKED BY : G. GILLAND DATE : 11/23

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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