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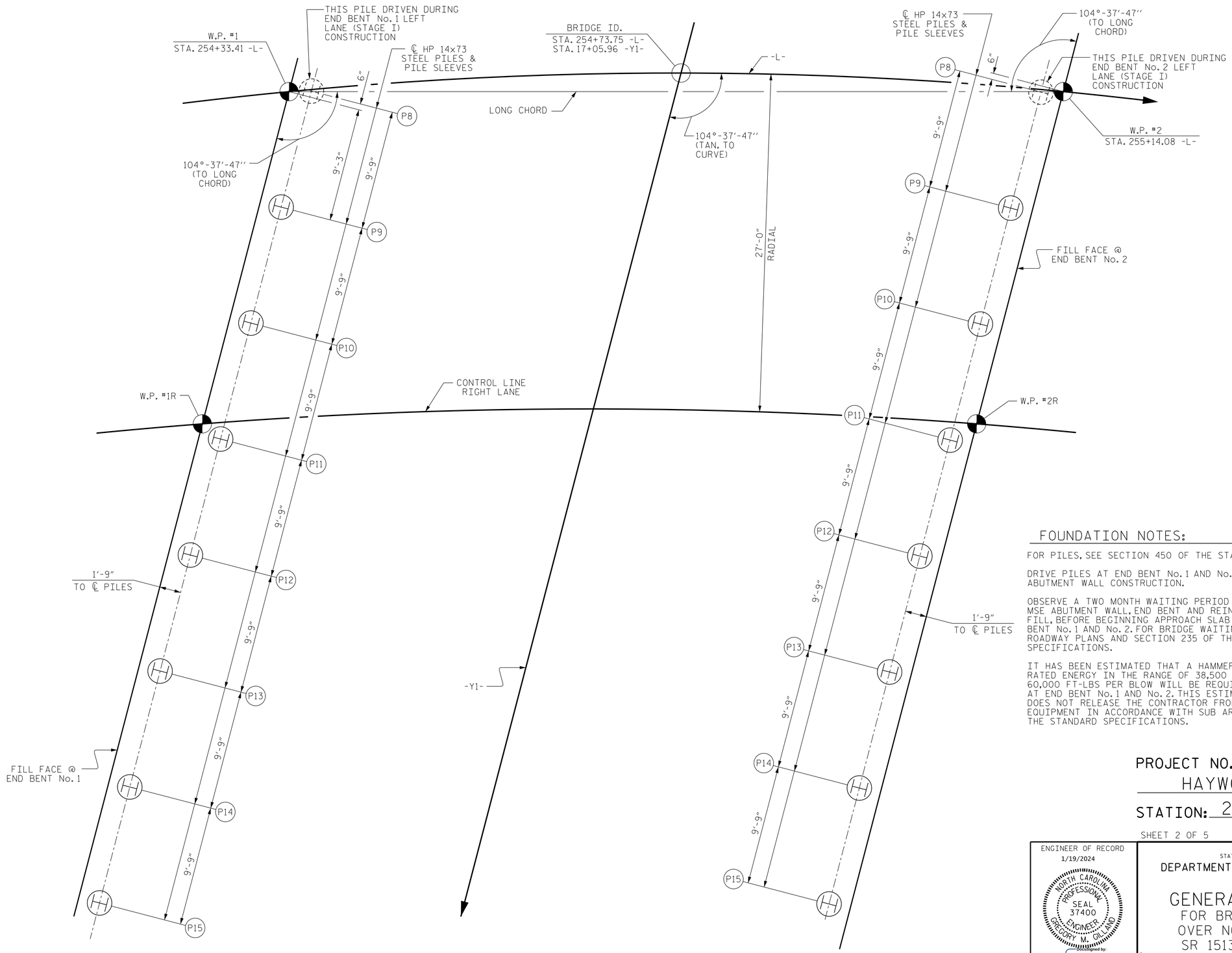

END BENT No. 1

FOUNDATION LAYOUT

END BENT No. 2

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

ENGINEER OF RECORD
1/19/2024

NORTH CAROLINA PROFESSIONAL SEAL 37400 ENGINEER GREGORY M. GILLAND

DocuSigned by: Gregory M. Gilland

ETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Bus: 919 851 8077
Fax: 919 851 8107
LICENSE NO. F-0377

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-02
1			3			TOTAL SHEETS
2			4			58

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

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1/19/2024 6:55:19 AM