

NOTES

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
 PILES AT END BENT NO.1 AND END BENT NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 125 TONS PER PILE.
 DRIVE PILES AT END BENT NO.1 AND END BENT NO.2 TO A REQUIRED DRIVING RESISTANCE OF 208 TONS PER PILE.

STEEL H-PILE PONTS ARE REQUIRED FOR STEEL H-PILES AT END BENT NO.1 AND END BENT NO.2. FOR STEEL PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

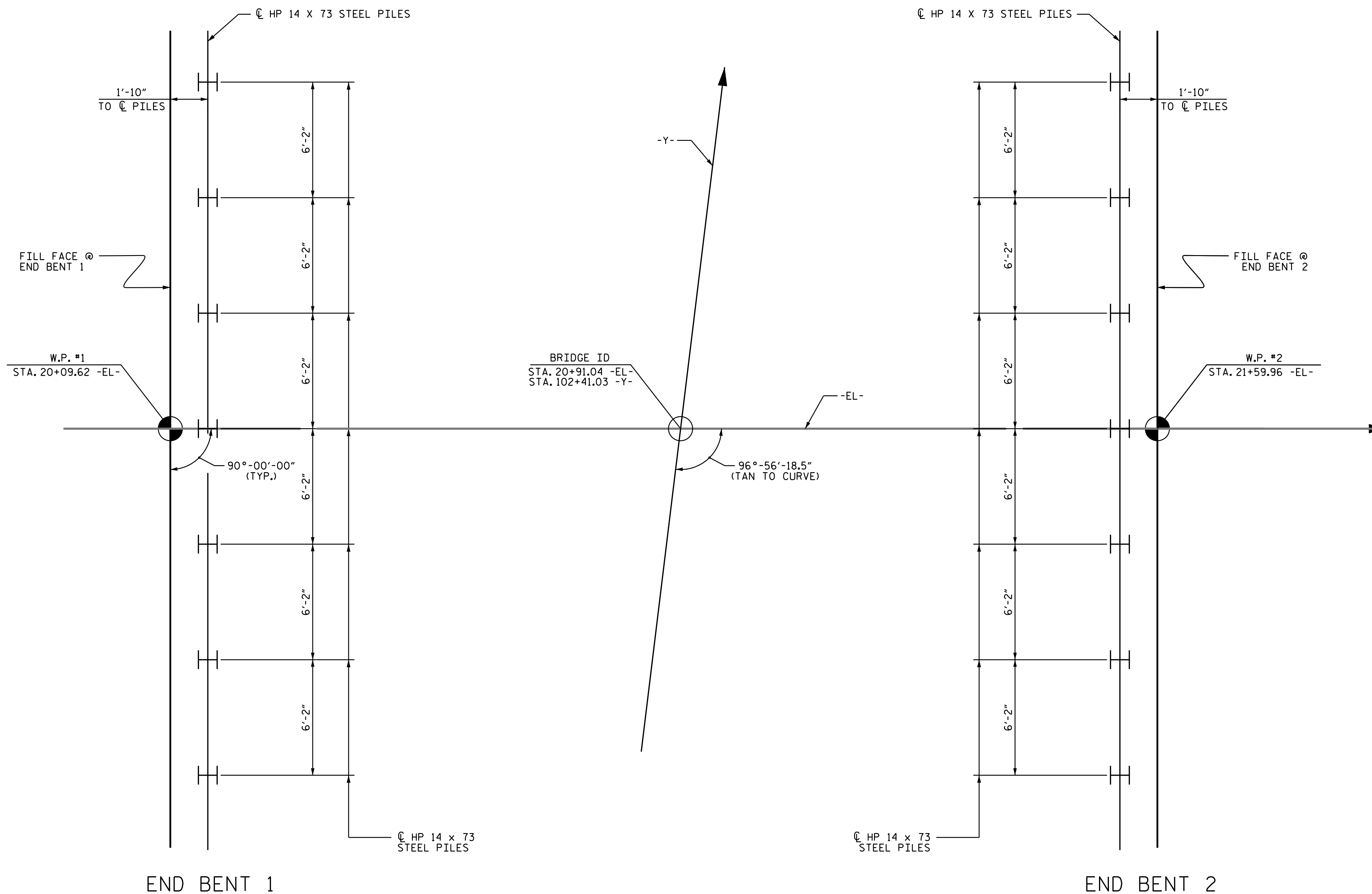
IF NECESSARY, PREDRILL PILE LOCATIONS AT BENT NO.1 TO A MINIMUM ELEVATION 822.1 WITH EQUIPMENT THAT WILL RESULT IN A MAXIMUM PREDRILLING DIAMETER OF 14". FOR PREDRILLING FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

IF NECESSARY, PREDRILL PILE LOCATIONS AT BENT NO.2 TO A DEPTH OF 10 FEET BELOW OF PILE CAP WITH EQUIPMENT THAT WILL RESULT IN A MAXIMUM PREDRILLING DIAMETER OF 14". FOR PREDRILLING FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

SPECIAL NOTES

AT END BENT NOS.1 AND 2, DRIVE PILES FROM LEFT TO RIGHT TO AID IN IDENTIFYING PILE LOCATIONS THAT MIGHT REQUIRE PREDRILLING. IT IS ANTICIPATED THAT THE RIGHT 2 PILES WILL REQUIRE PREDRILLING.

FOUNDATION CONSTRUCTION FOR BRIDGE NO.66 SHALL NOT BEGIN UNTIL BLASTING FOR THE ROADWAY ALIGNMENT, UTILITIES, AND ANY OTHER SUBSURFACE STRUCTURES IS COMPLETED. FOR BLASTING ADJACENT TO HIGHWAY STRUCTURES, SEE ARTICLE 410-9 OF THE STANDARD SPECIFICATIONS.

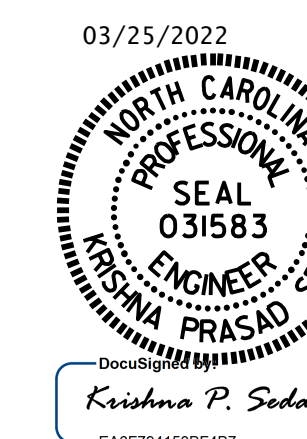


FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO CENTERLINE OF PILES

PROJECT NO. B-5772
ROWAN COUNTY
 STATION: 20+91.04 -EL-

SHEET 2 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE ON SR 1724
 OVER NORFOLK SOUTHERN
 RAILROAD BETWEEN
 STATESVILLE BLVD. &
 SHERRILLS FORD RD.

DRAWN BY : M. G. SHAIKH DATE : 02/2021
 CHECKED BY : A. SORSENGINH DATE : 05/2021
 DESIGN ENGINEER OF RECORD: A. SORSENGINH DATE : 05/2021

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			25