

FOUNDATION NOTES:

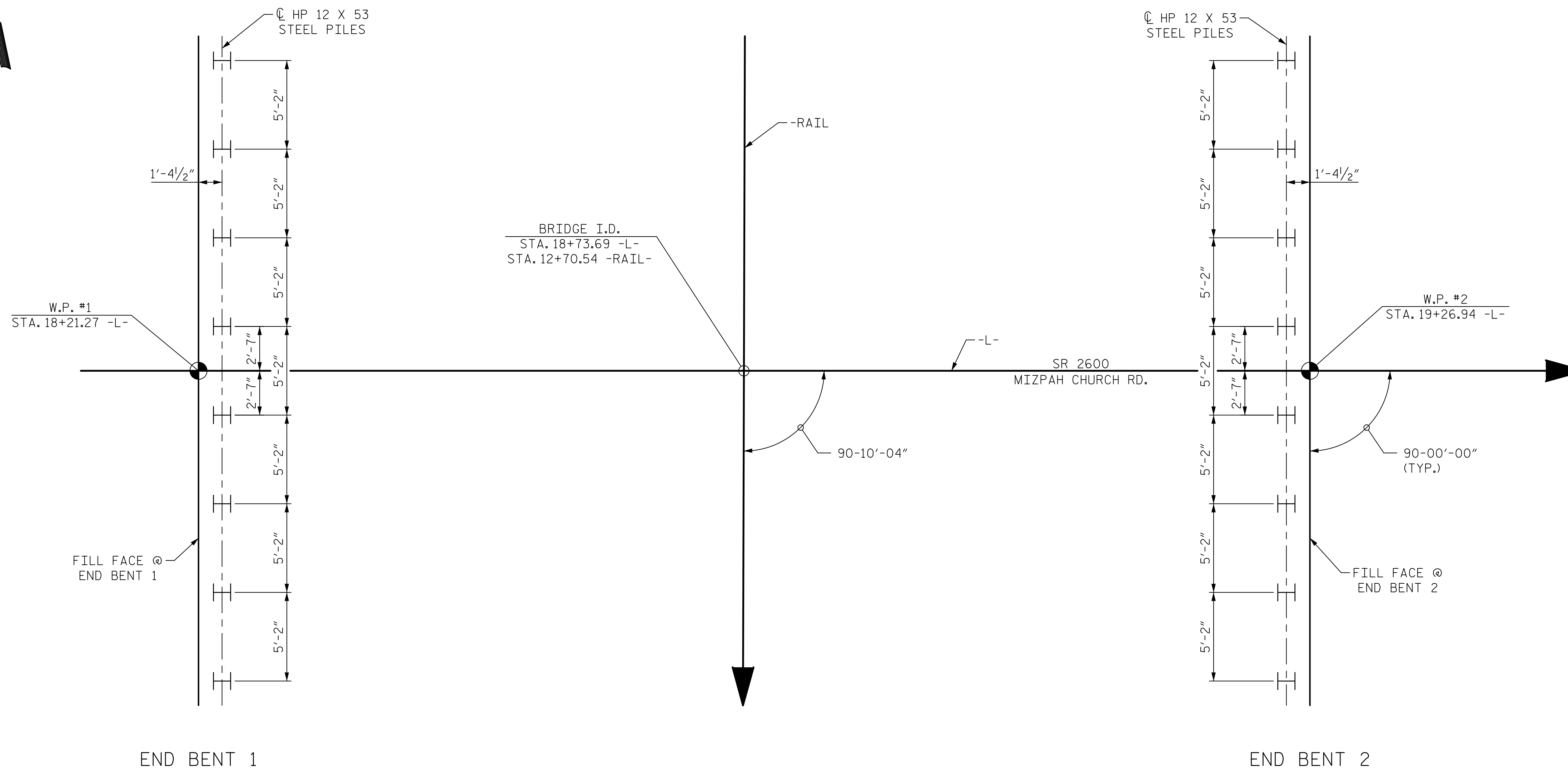
FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT NO. 1 AND END BENT NO. 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE.

DRIVE PILES AT END BENT NO. 1 AND END BENT NO. 2 TO A REQUIRED DRIVING RESISTANCE OF 175 TONS PER PILE.

IT HAS BEEN ESTIMATED THAT A HAMMER WITH AN EQUIVALENT RATED ENERGY IN THE RANGE OF 65,000-85,000 FT-LBS PER BLOW WILL BE REQUIRED TO DRIVE PILES AT END BENT NO. 1 AND END BENT NO. 2. THIS ESTIMATED ENERGY RANGE DOES NOT RELEASE THE CONTRACTOR FROM PROVIDING DRIVING EQUIPMENT IN ACCORDANCE WITH SUBARTICLE 450-3(D)(2) OF THE STANDARD SPECIFICATIONS.

DRIVE PILES AT END BENT NO. 1 AND END BENT NO. 2 BEFORE BEGINNING CONSTRUCTION OF MSE ABUTMENT WALLS.



FOUNDATION LAYOUT



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DocuSigned by:
Jack Hobson 6/1/2017

PROJECT NO. B-4964
ROCKINGHAM COUNTY
STATION: 18+73.69 -L-
12+70.54 -RAIL-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
BRIDGE ON SR 2600
OVER NORFOLK SOUTHERN
RAILROAD BETWEEN US 29
BUSINESS AND NC 87

DRAWN BY : J.S. HOBSON DATE : 06/30/16
CHECKED BY : J.A. LEE DATE : 07/19/16
DESIGN ENGINEER OF RECORD : J.S. HOBSON DATE : 07/19/16

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-02
1			3			TOTAL SHEETS
2			4			16