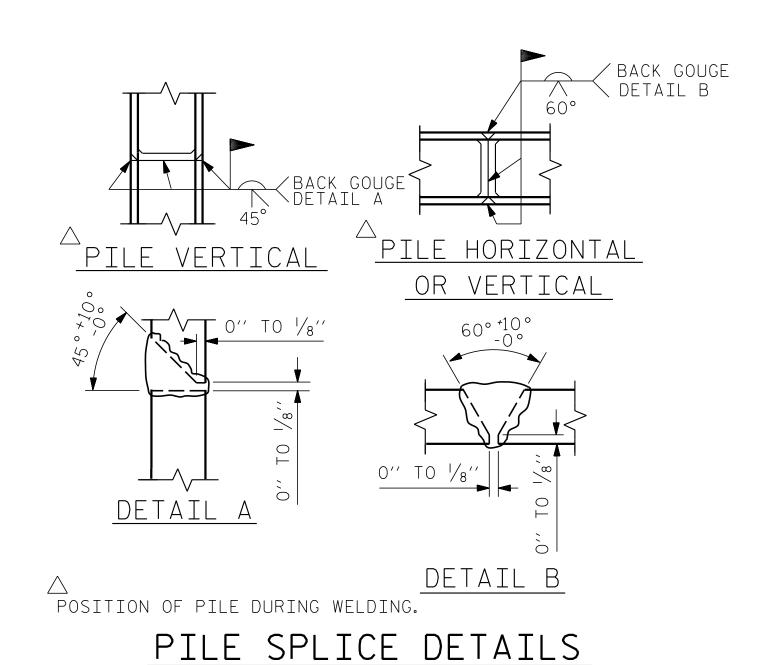
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT

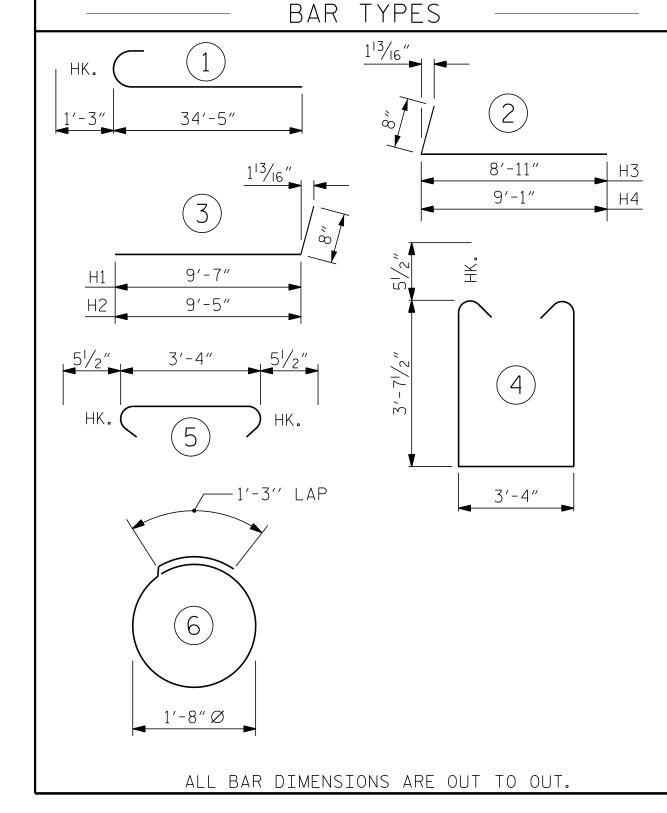


NOTES

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE BARRIER RAILS ARE CAST IF SLIP FORMING IS USED.

INSTALL THE 4"DIA.DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS, SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

THE TOP SURFACE OF THE END BENT CAP, EXCEPT THE BEARING AREA AND THE AREA OUTSIDE THE EDGE OF SUPERSTRUCTURE, SHALL BE RAKED TO A DEPTH OF 1/4".



END BENT No. 2 BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT | 16 | #9 | 1 | 35'-8" 1940 #5 | STR | 31'-6" В2 394 12 В3 #4 | STR | 174 21'-8" В4 #4 | STR | 33 15 3′-4″ 10'-3" #5 150 H1 14 10'-1" 147 14 #5 3 Н3 #5 140 14 9′-7″ 142 Н4 14 #5 9′-9″ Н5 #4 | STR 3′-8″ 78 32 72 #5 4 11'-6" 864 S2 319 72 #5 4′-3″ S3 174 40 #4 6′-6″ #4 | STR | 5′-9″ 307 V1 | 80 #4 | STR | 352 V2 | 56 | 9′-5″ REINFORCING STEEL 5,214 LBS. CLASS A CONCRETE BREAKDOWN

BILL OF MATERIAL

POUR #1 CAP, CONC. COLLARS 38.5 C.Y. & LOWER PART OF WINGS

POUR #2 UPPER PART 5.3 C.Y. OF WINGS

43.8 C.Y. TOTAL CLASS A CONCRETE

HP 12 X 53 STEEL PILES

NO: 10 LIN.FT.= 870

PILE DRIVING EQUIPMENT SET UP FOR

5 EA.

10 EA.

PROJECT NO. R-5311A HERTFORD

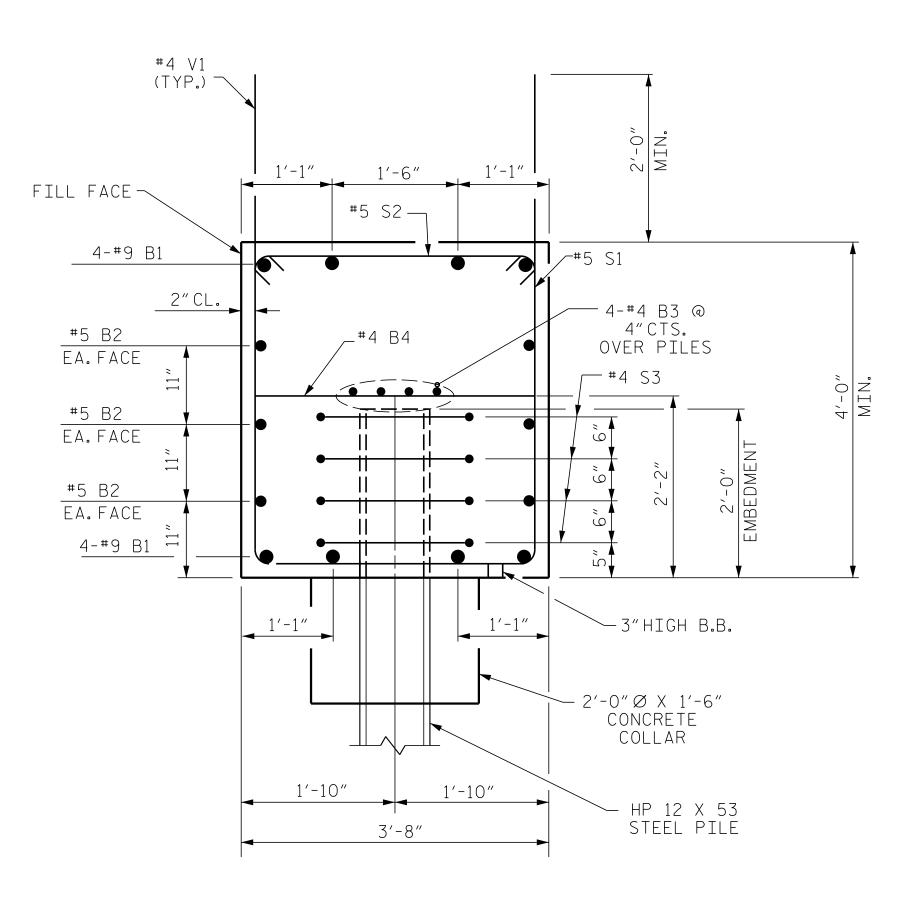
COUNTY

ENGINEER OF RECORD —Docusigned by: Buk Charles Hy

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE END BENT No. 2

REVISIONS SHEET NO S02-27 NO. BY: DATE: TOTAL SHEETS



SECTION A-A

_ DATE : <u>3-16</u>_

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETE PILE REDRIVES

HP 12 X 53 STEEL PILES

STATION: 50+99.00 -Y2-

SHEET 3 OF 3

Raleigh, N.C. 27606 Bus: 919 851 8077 Fax: 919 851 8107