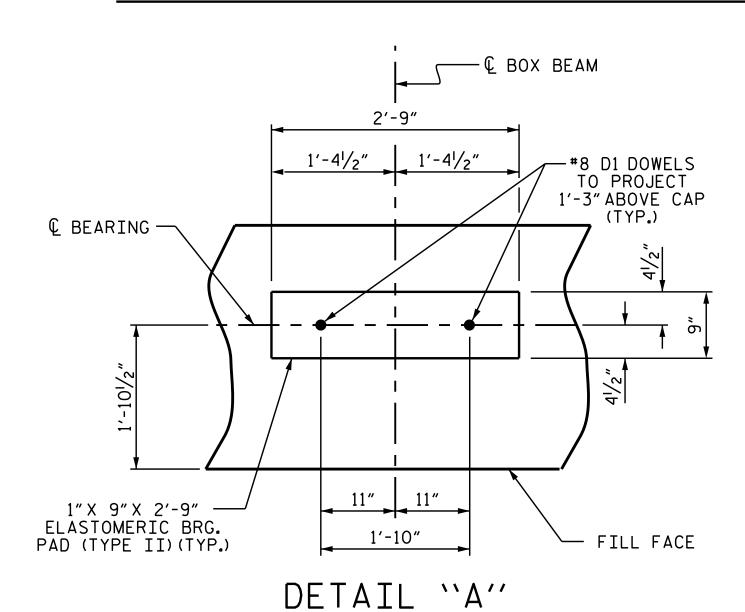


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

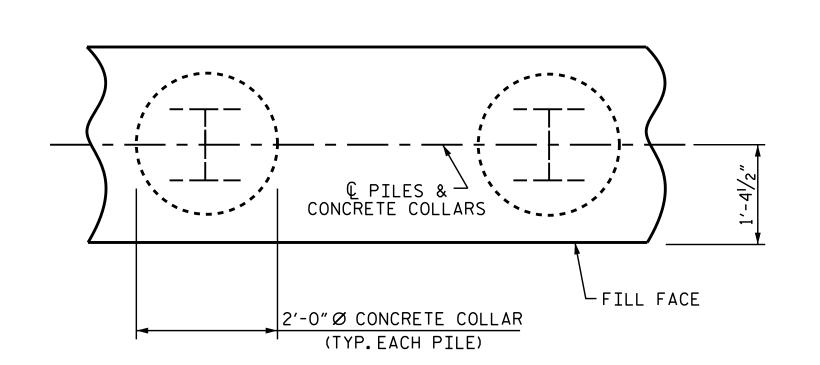
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR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



(END BENT 1 SHOWN, END BENT 2 SIMILAR BY ROTATION)



PLAN CORROSION PROTECTION FOR STEEL PILES DETAIL

(END BENT 1 SHOWN, END BENT 2 SIMILAR BY ROTATION)

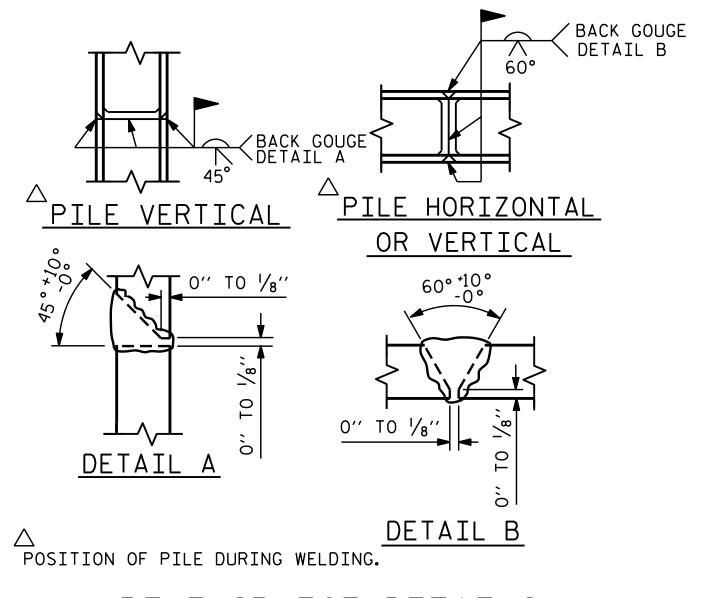
CONCRETE —

© HP 12 X 53 STEEL PILE

ELEVATION

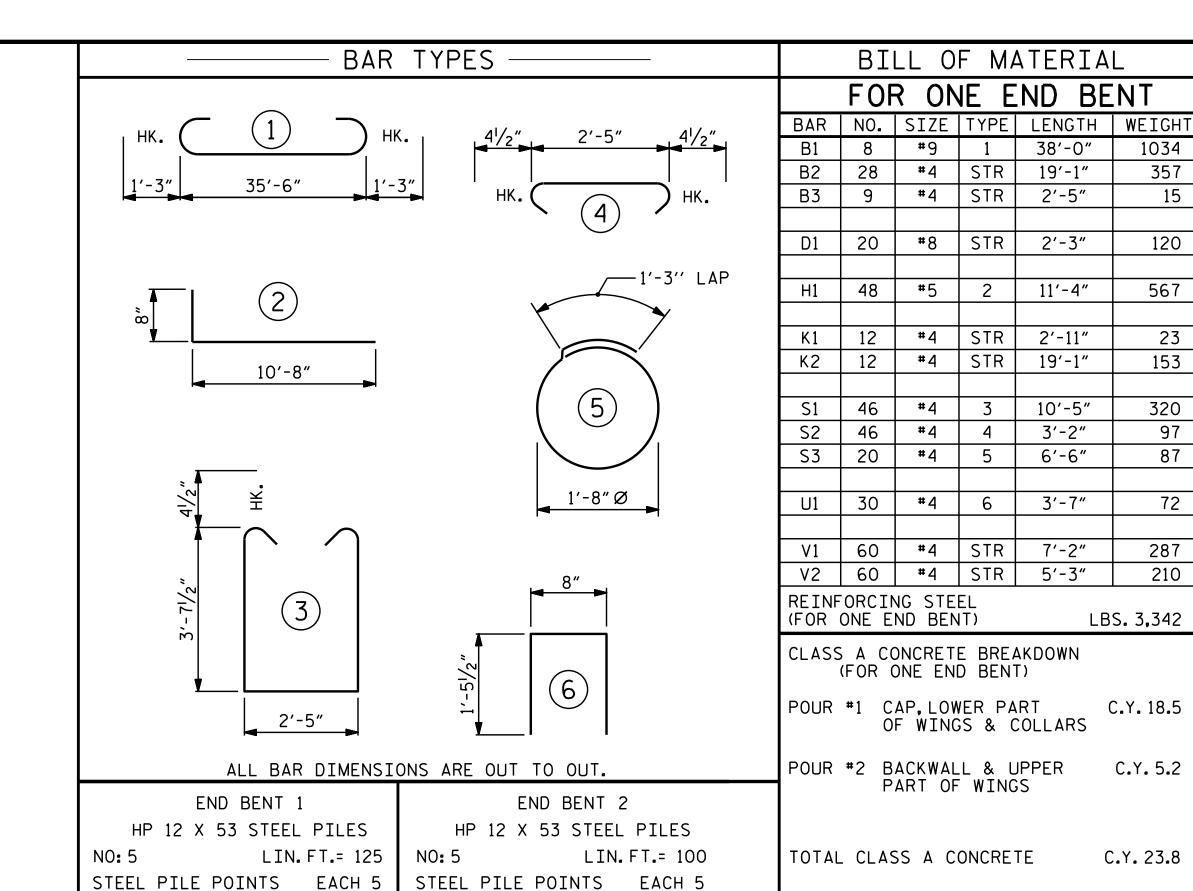
COLLAR

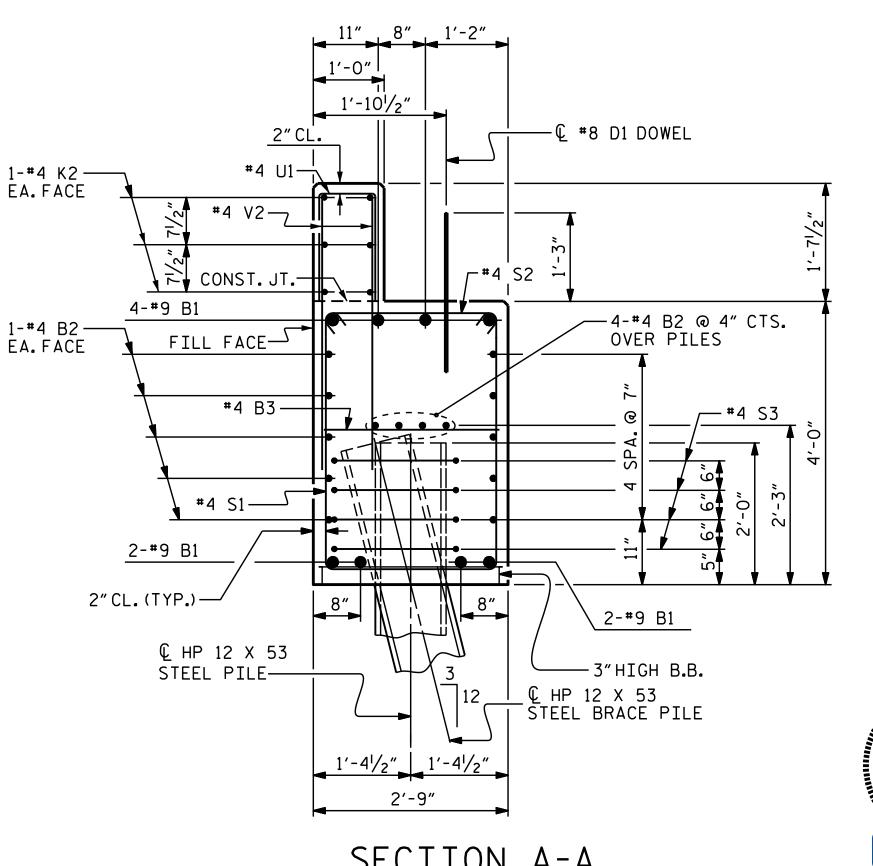
ASSEMBLED BY :D.A. DAVENPORT DATE :09/22/14 CHECKED BY: J.K. BOWLES DATE: 04/25/16 REV. 8/14 MAA/TMG DRAWN BY: WJH 12/11 CHECKED BY : AAC 12/11



PILE SPLICE DETAILS

-BOTTOM OF CAP





B-5546 PROJECT NO. ____ RANDOLPH COUNTY 13+56.00-L-

SHEET 4 OF 4

SEAL 025516

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

BILL OF MATERIAL

#4 | STR |

#4 | STR |

#4 | 4 |

#4 | 5

#4 | 6

12

46

FOR ONE END BENT

#9 | 1 | 38'-0"

#8 | STR | 2'-3"

#4 | STR | 2'-11"

#4 | STR | 19'-1"

#4 | STR | 5'-3"

OF WINGS & COLLARS

PART OF WINGS

19′-1"

2′-5"

10′-5″

3'-2"

6′-6″

3'-7"

1034

357

15

120

567

23

153

320

97

87

72

287

210

LBS. 3,342

C.Y. 18.5

C.Y. 23.8

SUBSTRUCTURE

END BENT 1 & 2 DETAILS

SHEET NO. REVISIONS S-36 NO. BY: DATE: DATE: BY: TOTAL SHEETS 38

EA. FACE 1-#4 B2-EA.FACE SIGNE Emily Murray SECTION A-A CAEB97AEDC5B4E0.. 8/22/2016

(CONCRETE COLLAR NOT SHOWN FOR CLARITY. SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL.") DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED