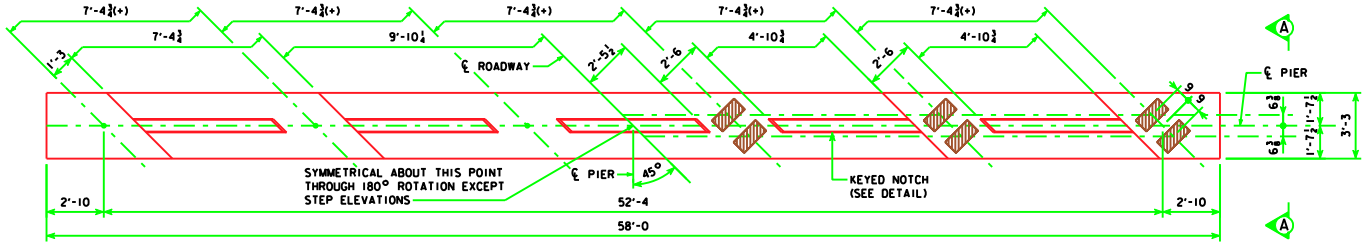
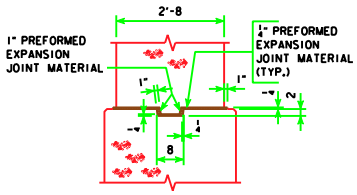
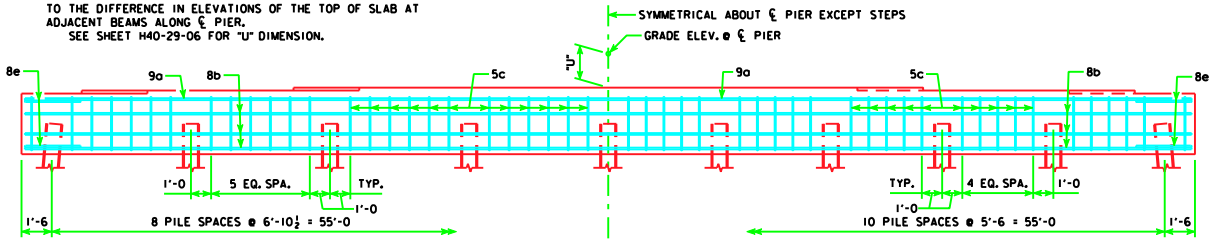


TYPICAL PLAN

NOTE:
THE HEIGHT OF THE STEPS ON THE BRIDGE SEAT IS EQUAL TO THE DIFFERENCE IN ELEVATIONS OF THE TOP OF SLAB AT ADJACENT BEAMS ALONG ℄ PIER.
SEE SHEET H40-29-06 FOR "U" DIMENSION.

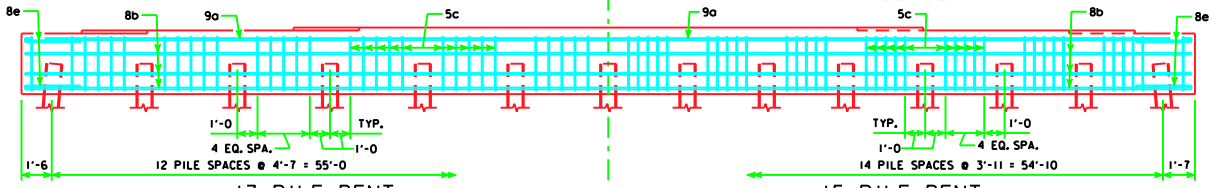


KEYED NOTCH DETAIL



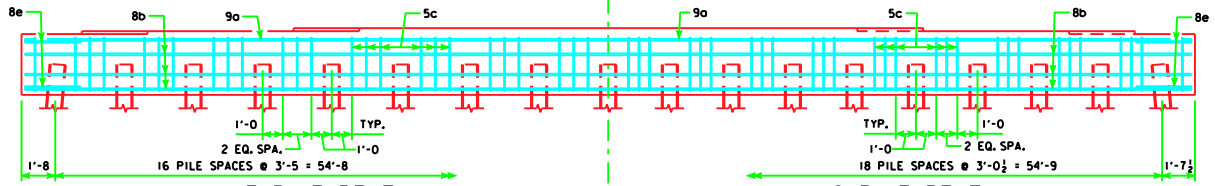
9 PILE BENT

11 PILE BENT



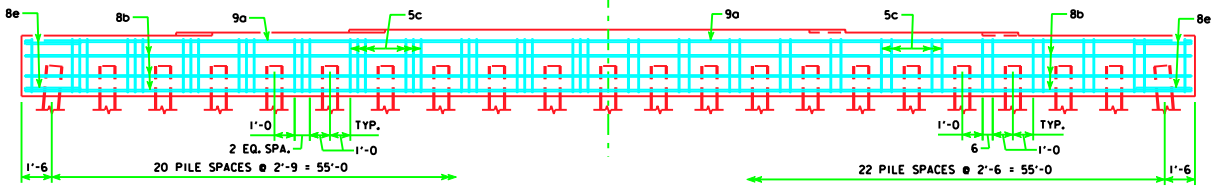
13 PILE BENT

15 PILE BENT



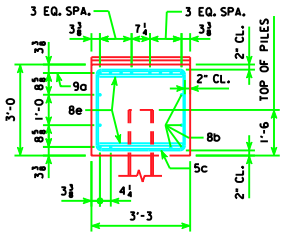
17 PILE BENT

19 PILE BENT

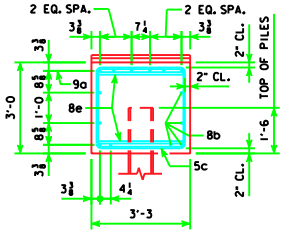


21 PILE BENT

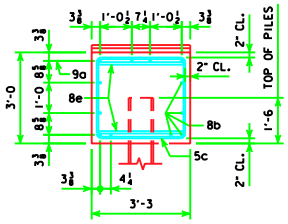
23 PILE BENT



VIEW A-A
FOR 9, 11 & 13 PILE BENTS



VIEW A-A
FOR 15 & 17 PILE BENTS



VIEW A-A
FOR 19, 21 & 23 PILE BENTS

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE

PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES

HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE

PILE BENT DETAILS
45° SKEW

H40-51-06