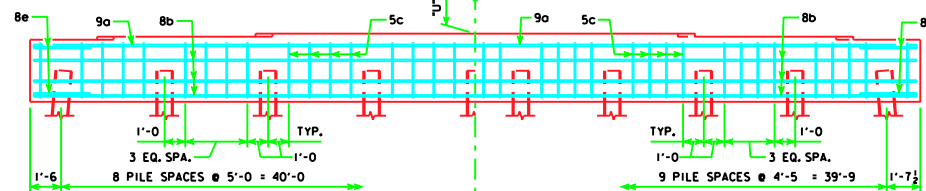


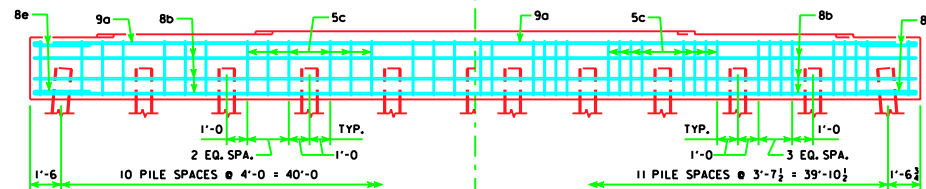
TYPICAL PLAN

SYMMETRICAL ABOUT ϕ PIER EXCEPT STEPS
GRADE ELEV. ϕ ϕ PIER



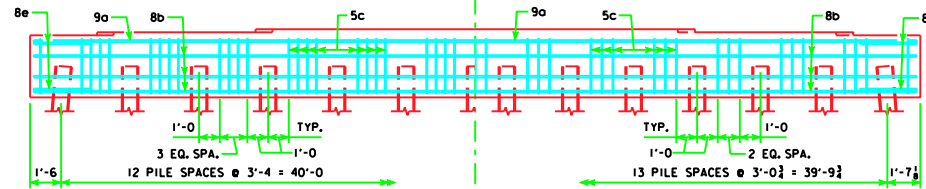
9 PILE BENT

10 PILE BENT



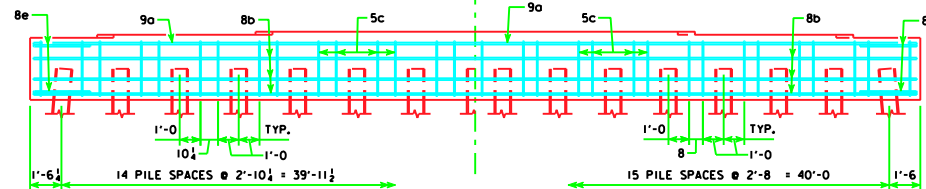
11 PILE BENT

12 PILE BENT



13 PILE BENT

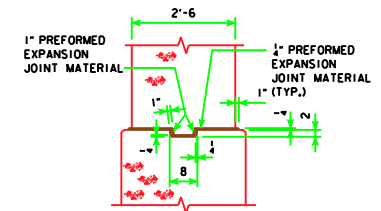
14 PILE BENT



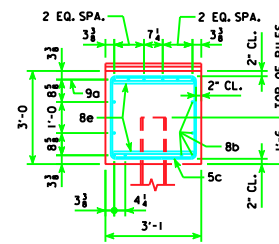
15 PILE BENT

16 PILE BENT

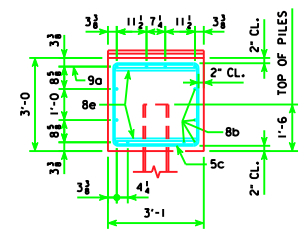
NOTE:
THE HEIGHT OF THE STEPS ON THE BRIDGE SEAT IS EQUAL TO THE DIFFERENCE IN ELEVATIONS OF THE TOP OF SLAB AT ADJACENT BEAMS ALONG ϕ PIER.
SEE SHEET H40-15-06 FOR "U" DIMENSION.



KEYED NOTCH DETAIL



VIEW A-A
FOR 9, 10, 11, 12, 13 & 14 PILE BENTS



VIEW A-A
FOR 15 & 16 PILE BENTS

LATEST REVISION DATE	Thomas E. McQuinn 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 15° SKEW	
		H40-47-06	