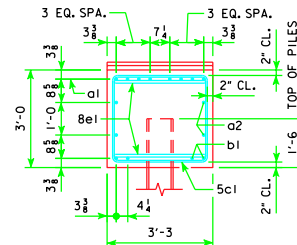
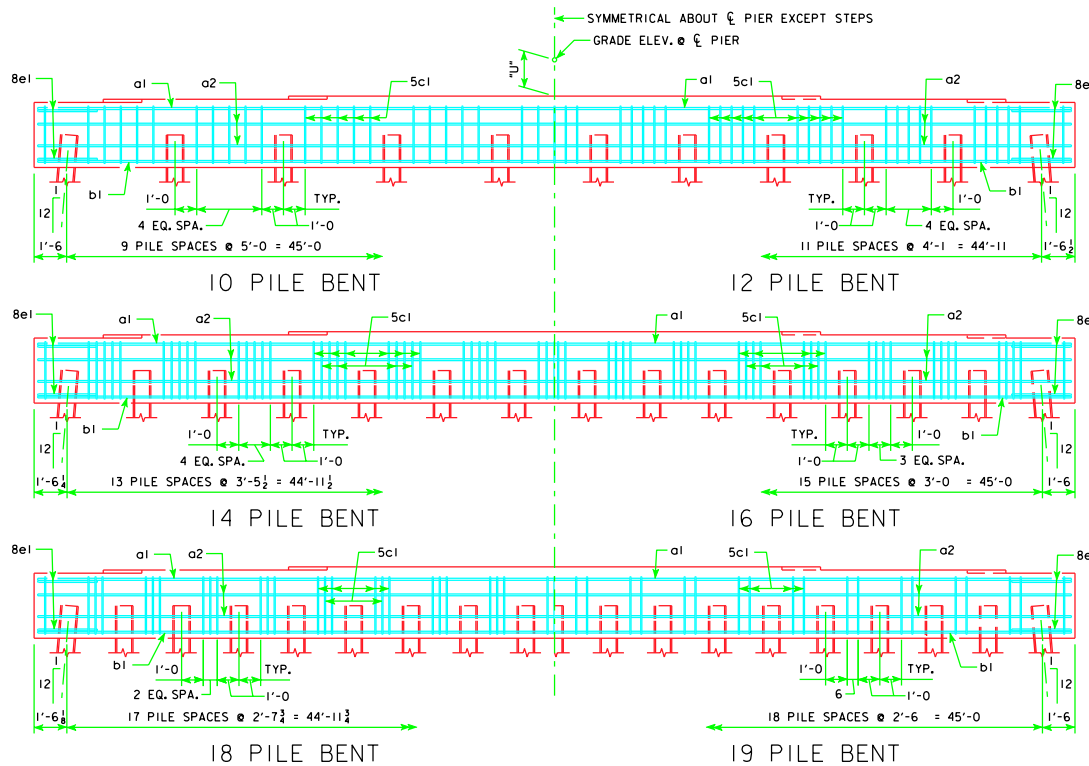
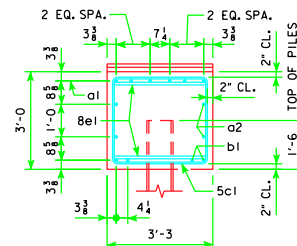


TYPICAL PLAN

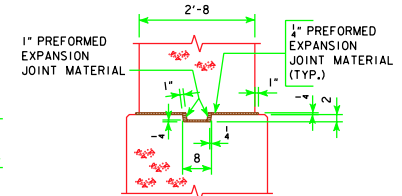
NOTE:
 THE HEIGHT OF THE STEPS ON THE BRIDGE SEAT IS EQUAL TO THE DIFFERENCE IN ELEVATIONS OF THE TOP OF SLAB AT ADJACENT BEAMS ALONG ϕ PIER. SEE SHEET H40-22-06 FOR "U" DIMENSION.



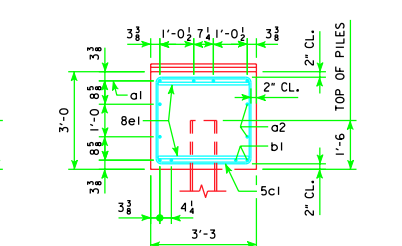
VIEW A-A FOR 10 PILE BENT



VIEW A-A FOR 12, 14, 16 & 18 PILE BENTS



KEYED NOTCH DETAIL



VIEW A-A FOR 19 PILE BENT

10-09 LATEST REVISION DATE <i>Norman L. McDaniel</i> APPROVED BY BRIDGE ENGINEER		Iowa Department of Transportation Highway Division STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES AUGUST, 2009
	PILE BENT PIERS	H40-51-06
	30° SKEW	

REVISED 10-09 - SHEET WAS REVISED TO MEET LRFD SPECIFICATIONS.