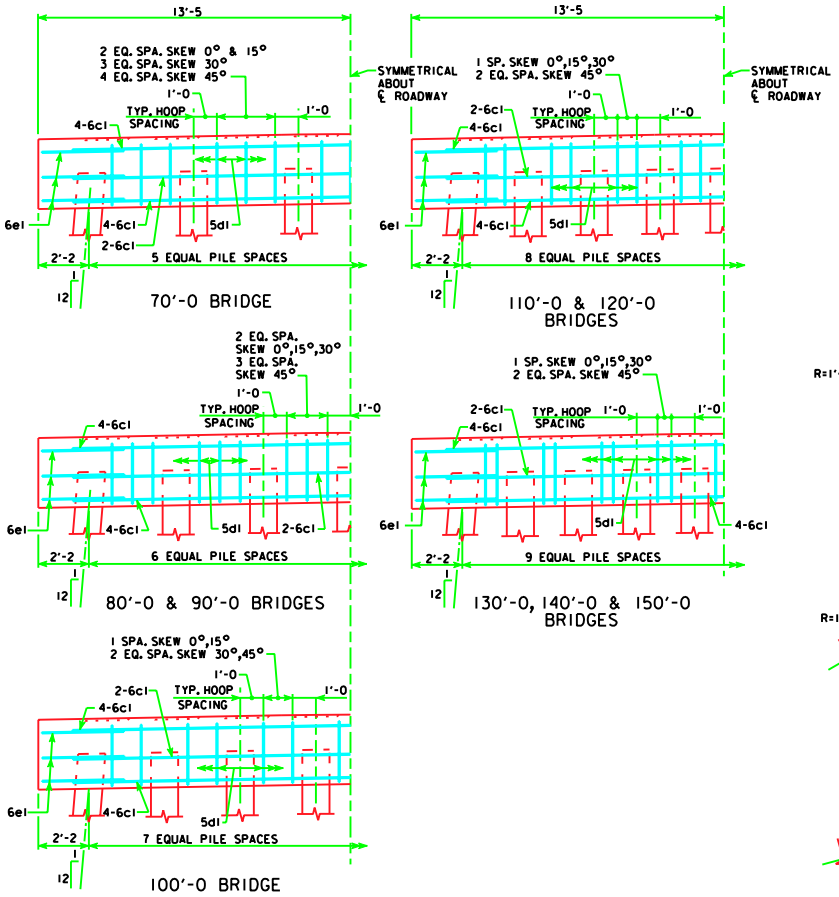
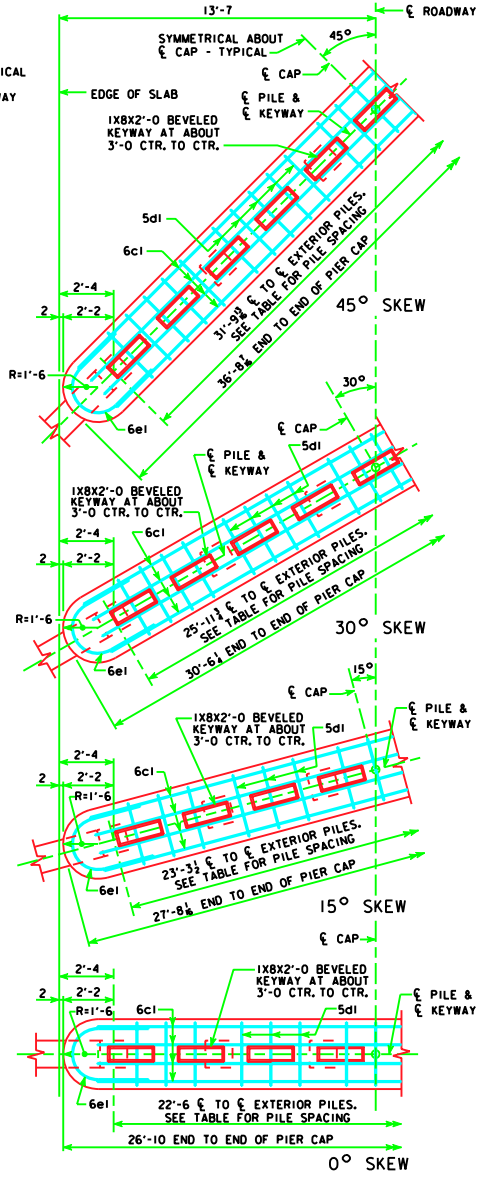
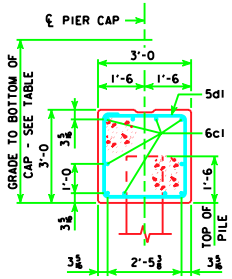


TYPICAL HALF ELEVATION PIER CAP
(LOOKING PARALLEL TO ℄ ROADWAY)

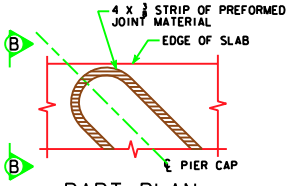


TYPICAL HALF PLAN VIEW
NOTE: NUMBER OF PILES AND STIRRUPS SHOWN ARE FOR A 70' BRIDGE. CAP DIMENSIONS ARE TYPICAL FOR ALL SPANS.



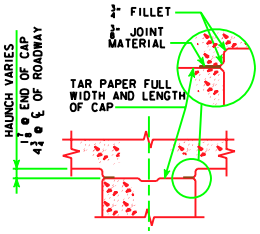
TYP. SECTION

GRADE TO BOTTOM OF CAP DIMENSION	
70'-0 BRIDGE	4'-7¼
80'-0 BRIDGE	4'-8
90'-0 BRIDGE	4'-9
100'-0 BRIDGE	4'-10¼
110'-0 BRIDGE	4'11¼
120'-0 BRIDGE	5'-0¾
130'-0 BRIDGE	5'-2
140'-0 BRIDGE	5'-3¼
150'-0 BRIDGE	5'-4¾

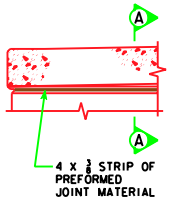


PART PLAN

SHOWING TREATMENT OF 4 X ⅜ STRIP OF PREFORMED JOINT MATERIAL AT ENDS OF PIER CAP. NOTE THAT JOINT MATERIAL IS TO GO ALL THE WAY AROUND PIER CAP FOR SQUARE AND SKEWED BRIDGES.



PART SECT A-A



PART SECT B-B

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 24' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

NON-MONOLITHIC PIER CAP DETAILS ALL BRIDGES

SHEET 1 OF 2

J24-25-06