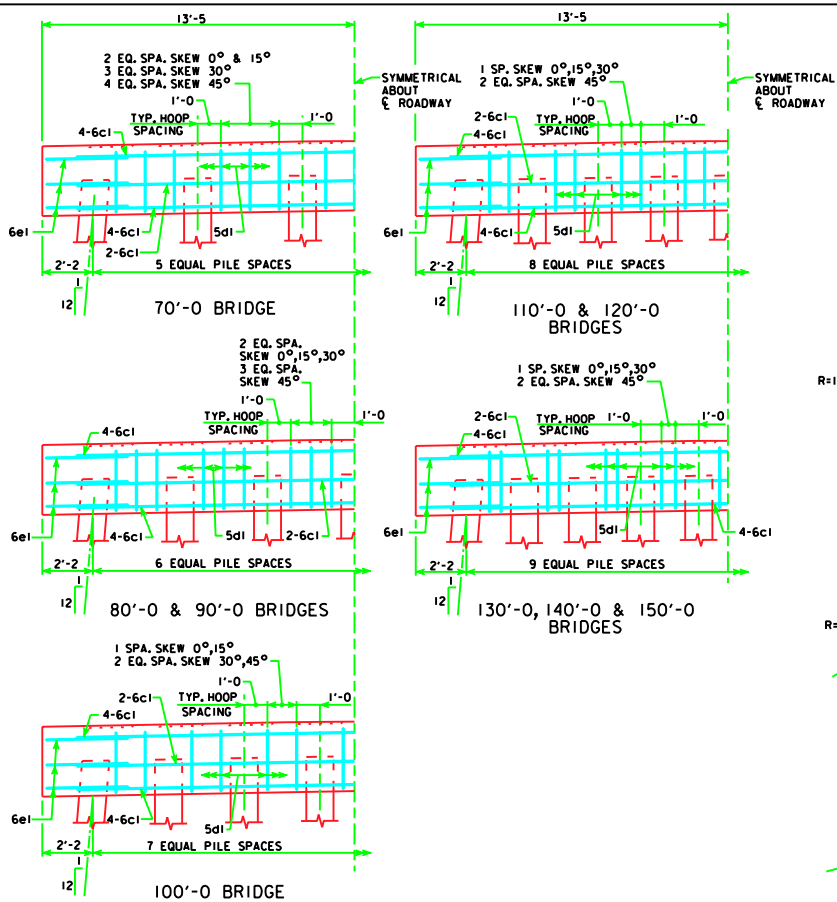
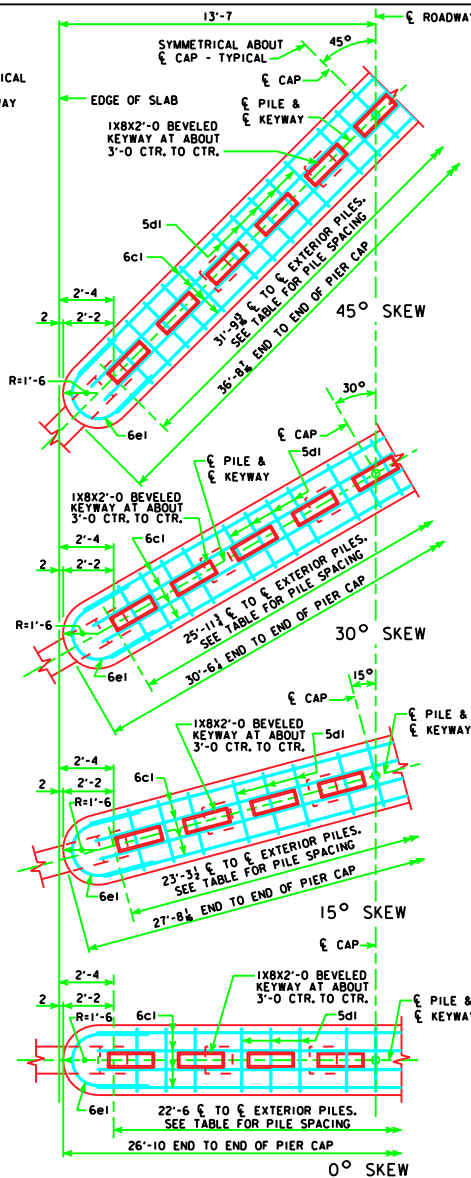
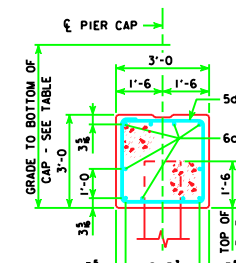




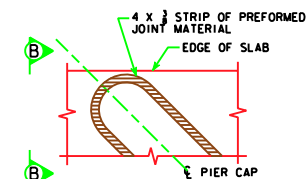
TYPICAL HALF ELEVATION PIER CAP
(LOOKING PARALLEL TO ϵ ROADWAY)



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

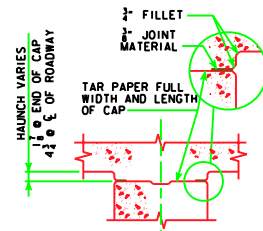


TYP. SECTION

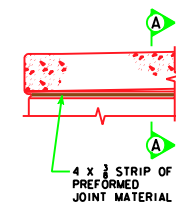


PART PLAN

SHOWING TREATMENT OF 4 X 3/4" 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

GRADE TO BOTTOM OF CAP DIMENSION	
70'-0" BRIDGE	4'-7 1/2"
80'-0" BRIDGE	4'-8"
90'-0" BRIDGE	4'-9"
100'-0" BRIDGE	4'-10 1/2"
110'-0" BRIDGE	4'-11 1/2"
120'-0" BRIDGE	5'-0 1/2"
130'-0" BRIDGE	5'-2"
140'-0" BRIDGE	5'-3 1/2"
150'-0" BRIDGE	5'-4 1/2"

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