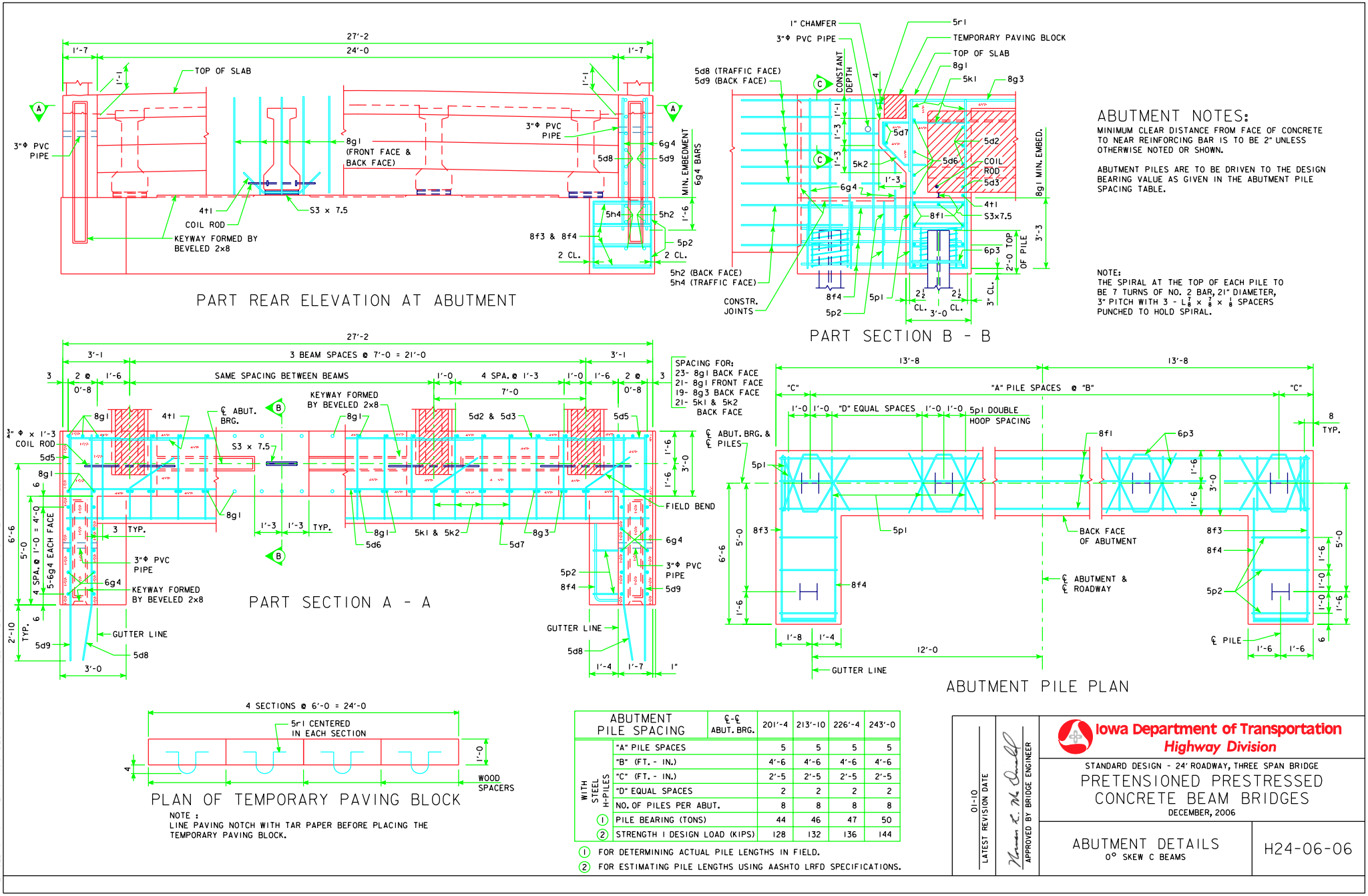

NOTE :
LINE PAVING NOTCH WITH TAR PAPER BEFORE PLACING THE TEMPORARY PAVING BLOCK.

ABUTMENT PILE SPACING	℄-℄ ABUT. BRG.	201'-4	213'-10	226'-4	243'-0
WITH STEEL H-PILES: "A" PILE SPACES		5	5	5	5
"B" (FT. - IN.)		4'-6	4'-6	4'-6	4'-6
"C" (FT. - IN.)		2'-5	2'-5	2'-5	2'-5
"D" EQUAL SPACES		2	2	2	2
NO. OF PILES PER ABUT.		8	8	8	8
(1) PILE BEARING (TONS)		44	46	47	50
(2) STRENGTH I DESIGN LOAD (KIPS)		128	132	136	144

(1) FOR DETERMINING ACTUAL PILE LENGTHS IN FIELD.
(2) FOR ESTIMATING PILE LENGTHS USING AASHTO LRFD SPECIFICATIONS.

REVISED 01-10 - PILING NO. & DESIGN LOADS CHANGED TO LRFD. ABUT. WING SHAPE CHANGED.

01-10
LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE
PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
DECEMBER, 2006

ABUTMENT DETAILS
0° SKEW C BEAMS

H24-06-06