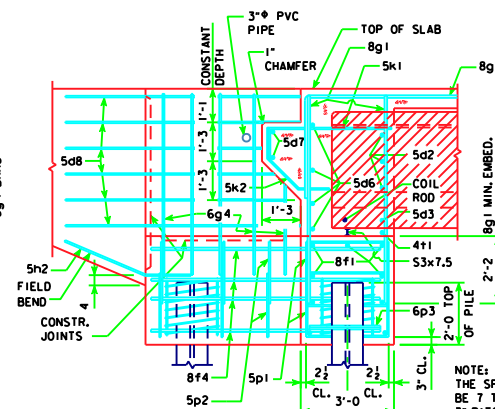
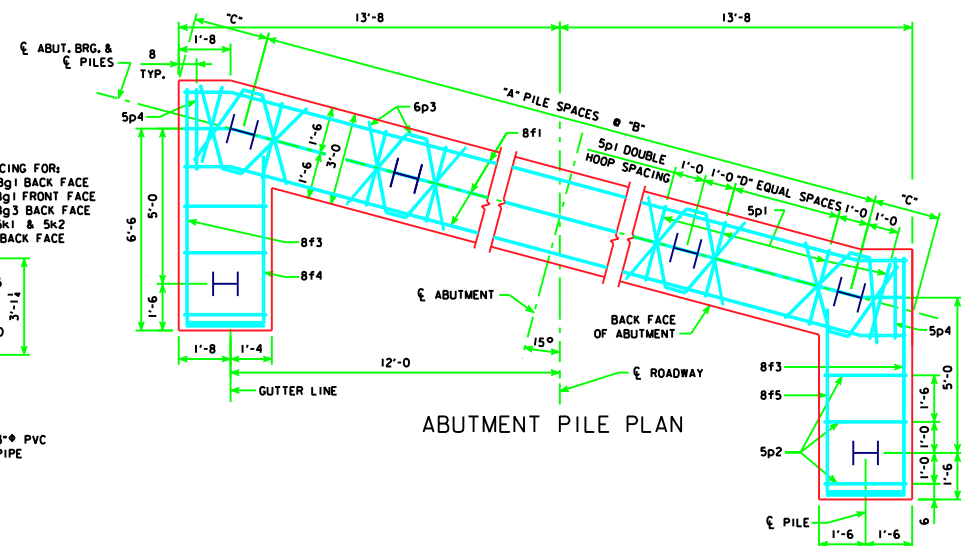




PART SECTION B - B

ABUTMENT PILES ARE TO BE DRIVEN TO THE DESIGN BEARING VALUE AS GIVEN IN THE ABUTMENT PILE SPACING TABLE.

NOTE:
THE SPIRAL AT THE TOP OF EACH PILE TO
BE 7 TURNS OF NO. 2 BAR, 21" DIAMETER,
3" PITCH WITH 2 - $L\frac{7}{8} \times \frac{7}{8} \times \frac{1}{8}$ SPACERS
PUNCHED TO HOLD SPIRAL.



ABUTMENT PILE PLAN

ABUTMENT PILE SPACING		১-১ ABUT. BRG.	201'-4	213'-10	226'-4	243'-0
WITH STEEL H-PILES	"A" PILE SPACES		4	5	5	5
	"B" (FT. - IN.)		5'-10	4'-8	4'-8	4'-8
	"C" (FT. - IN.)		2'-5 1/2	2'-5 1/2	2'-5 1/2	2'-5 1/2
	"D" EQUAL SPACES		4	3	3	3
	NO. OF PILES PER ABUT.		7	8	8	8
DESIGN PILE LOAD (TONS)			50	43	44	47

LATEST REVISION DATE

Monica L. Mc Donald



Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE

PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES

HL93 SUPERSTRUCTURE DECEMBER, 2006 HS25 SUBSTRUCTURE

ABUTMENT DETAILS
15° SKEW C BEAMS

H24-12-06