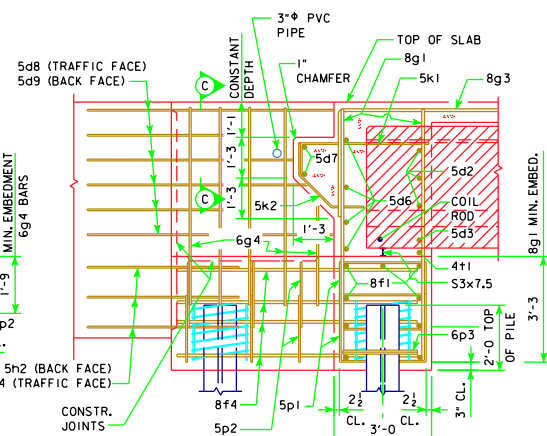
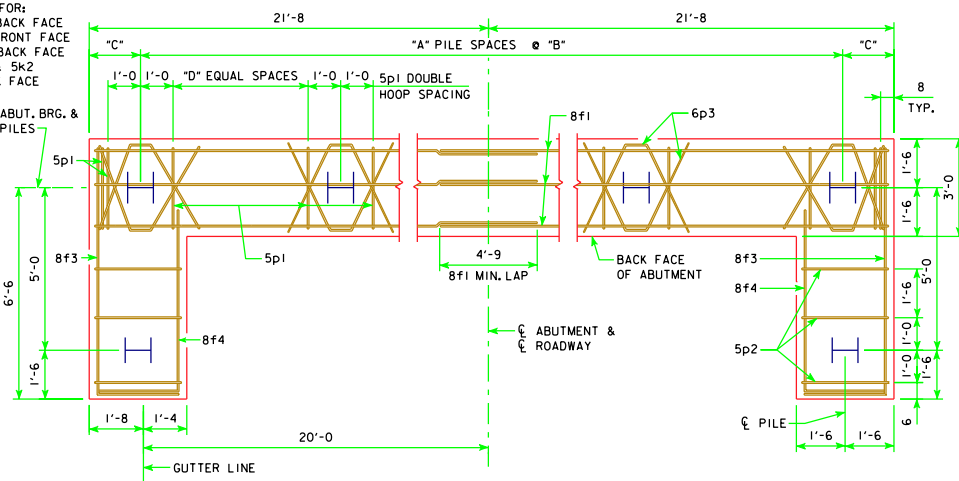


NOTE: TOP OF ABUTMENT SHOWN FOR SOLID BARRIER RAIL

[illegible]

* NOTE: SEE BARRIER RAIL SHEET FOR DETAILS. REINFORCING BARS 5c3 AND 5c14 ARE INCLUDED IN SUPERSTRUCTURE QUANTITIES.



ABUTMENT PILE SPACING		ℓ-ℓ ABUT. BRG.	201'-4	213'-10	226'-4	243'-0
WITH STEEL H-PILES	"A" PILE SPACES		7	7	7	8
	"B" (FT. - IN.)		5'-6	5'-6	5'-6	4'-10
	"C" (FT. - IN.)		2'-5	2'-5	2'-5	2'-4
	"D" EQUAL SPACES		3	3	3	3
	NO. OF PILES PER ABUT.		10	10	10	11
	① PILE BEARING (TONS)		47	48	50	47
② STRENGTH I DESIGN LOAD (KIPS)			136	140	145	136

- | | | |
|-------------------------------|---|-------------------------------------|
| 01-10
LATEST REVISION DATE |  Iowa Department of Transportation
Highway Division | |
| | STANDARD DESIGN - 40' ROADWAY, THREE SPAN BRIDGE
PRETENSIONED PRESTRESSED
CONCRETE BEAM BRIDGES
AUGUST, 2009 | |
| 01-10
LATEST REVISION DATE | APPROVED BY BRIDGE ENGINEER
<i>Norman E. Mc Donald</i> | ABUTMENT DETAILS
0° SKEW C BEAMS |