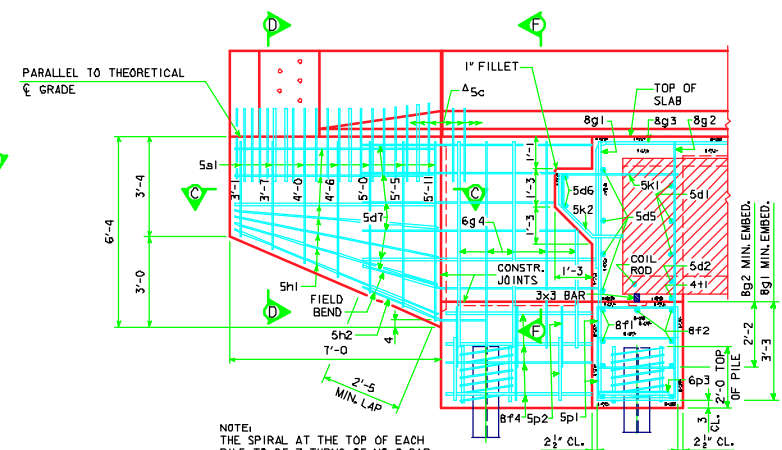
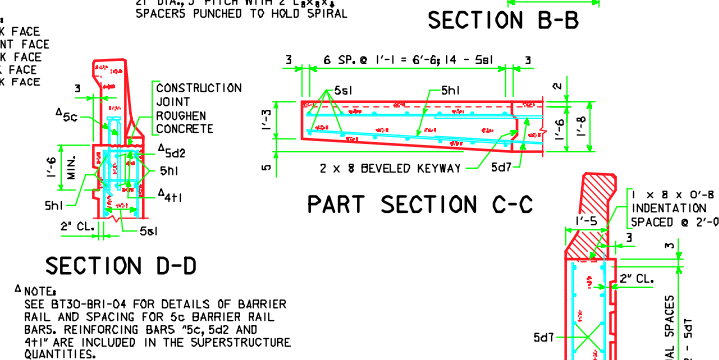




SECTION B-B

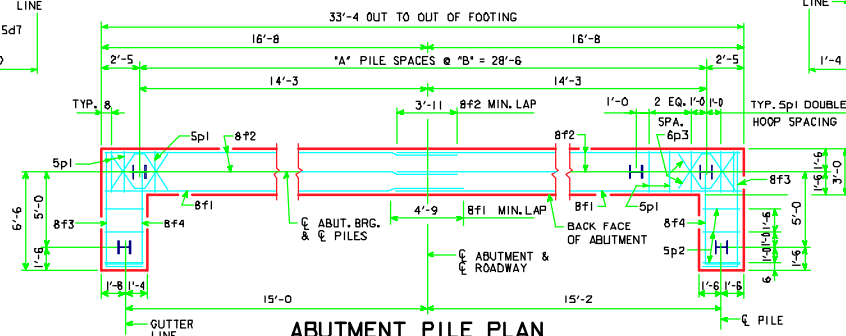


SECTION D-D

Δ NOTE:
SEE BT30-BRI-04 FOR DETAILS OF BARRIER
RAIL AND SPACING FOR 5c BARRIER RAIL
BARS. REINFORCING BARS "5c, 5d2 AND
4t1" ARE INCLUDED IN THE SUPERSTRUCTURE
QUANTITIES.

ABUTMENT PILE INFORMATION					
1-1 ABUT. BRG.	222'-0"	232'-0"	242'-0"	252'-0"	262'-0"
BEAM SERIES	BTD110	BTD115	BTD120	BTD125	BTD130
NO. 'A'	7	7	8		8
DIMENSION 'B'	4'-0"	4'-0"	3'-6"	3'-6"	3'-6"
DESIGN BEARING (TONS)	49	50	45	46	48
TOTAL NO. OF PILES PER ABUTMENT	10	10	11	11	11

SECTION F-F



ABUTMENT PILE PLAN

NOTES:
SEE BT30-AB2-O4 FOR ABUTMENT AND
MASKWALL NOTES AND DETAILS.

HPI0X57 STEEL BEARING PILE REQUIRED
AT EACH ABUTMENT.

LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER <i>Thomas L. McQuinn</i>	 Iowa Department of Transportation Highway Division	
	STANDARD DESIGN - 30' ROADWAY, 2 SPAN BRIDGES PRESTENSIONED PRESTRESSED BULB TEE CONCRETE BEAM BRIDGES	
	ALL SPANS	JULY, 2004
INTEGRAL ABUTMENT DETAILS 0° SKEW		BT30-ABI-04