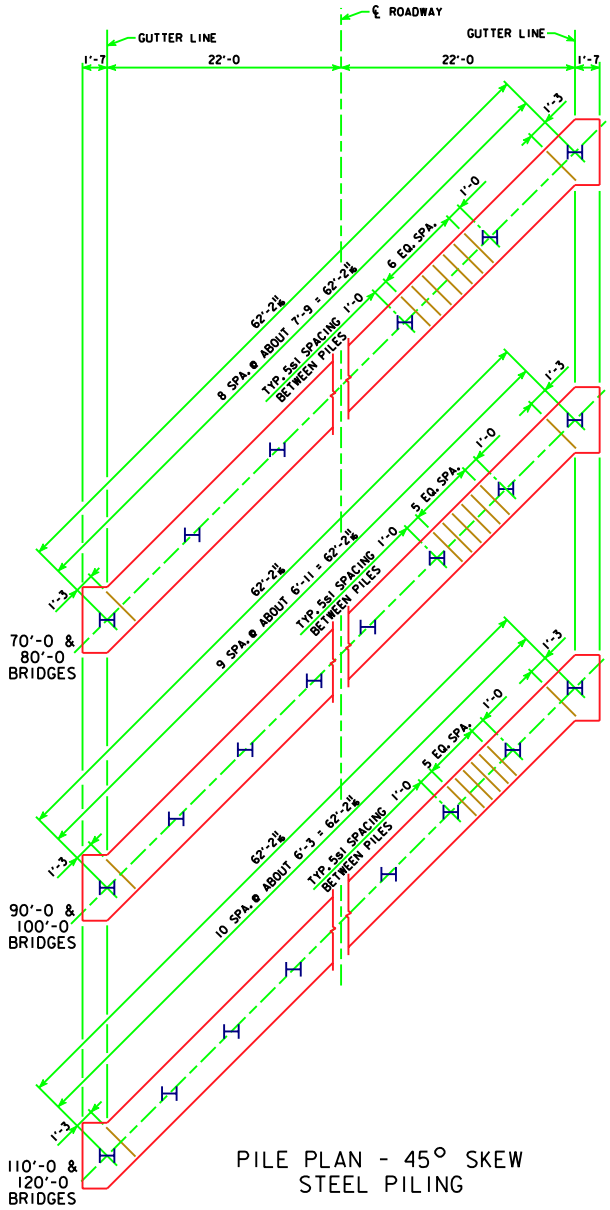
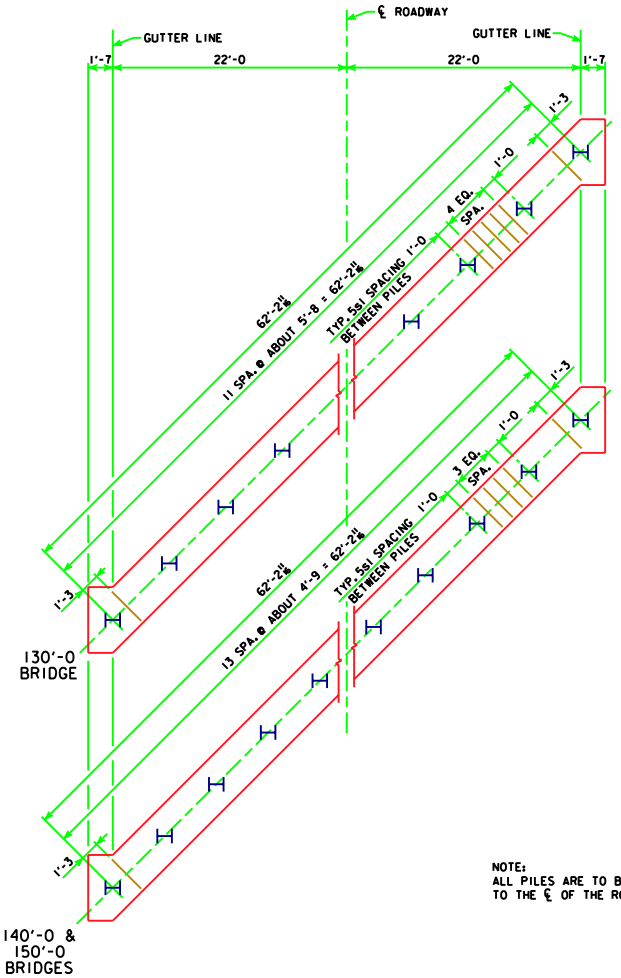


PILE PLAN - 45° SKEW
STEEL PILING



NOTE:
ALL PILES ARE TO BE ORIENTED WITH WEBS PERPENDICULAR TO THE ℄ OF THE ROADWAY AS SHOWN.

REACTION, PILE NUMBER & BEARING

BRIDGE LENGTH	70'-0	80'-0	90'-0	100'-0	110'-0	120'-0	130'-0	140'-0	150'-0
REACTION - KIPS	425	455	481	507	534	564	593	Δ 678	Δ 712
BEARING - TONS	24	26	25	26	25	26	25	25	26
PILING - NUMBER	9	9	10	10	11	11	12	14	14

ΔINCLUDES IMPACT

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

ABUTMENT DETAILS
45° SKEW - STEEL PILING

J44-43-06