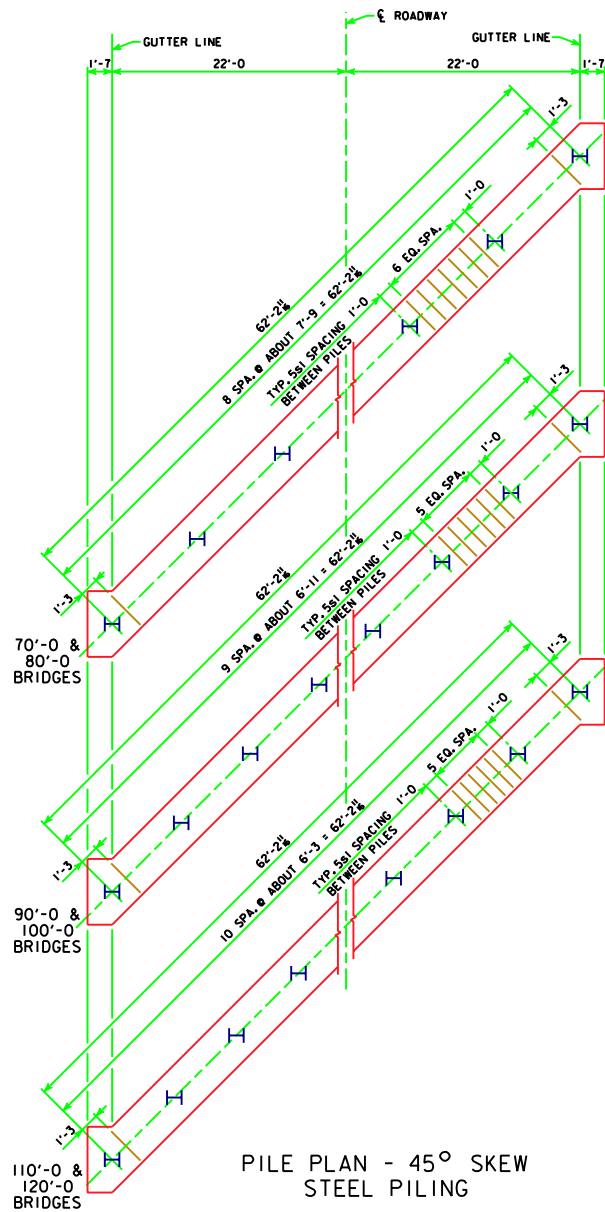
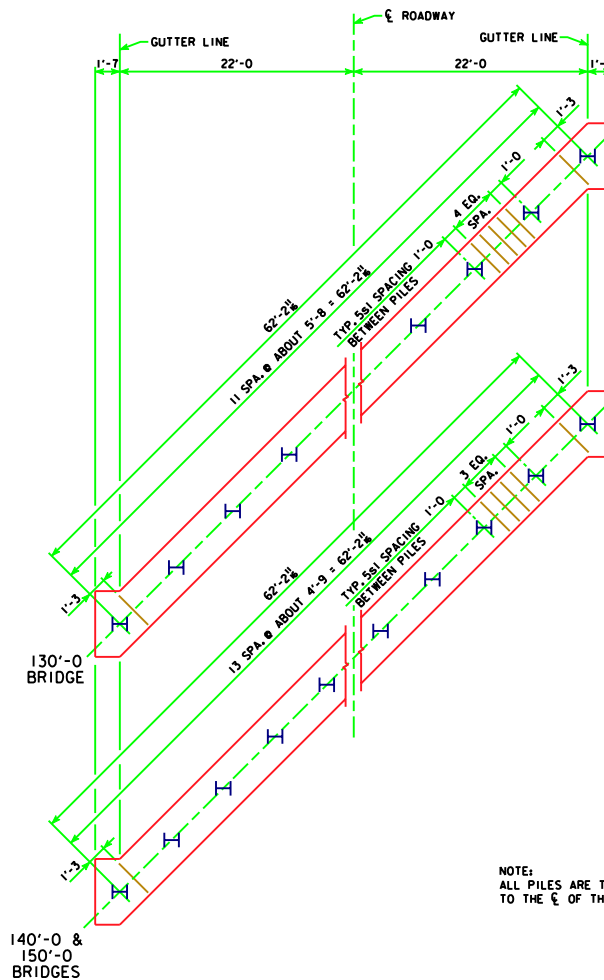




PILE PLAN - 45° SKEW
STEEL PILING

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

Δ INCLUDES IMPACT



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

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