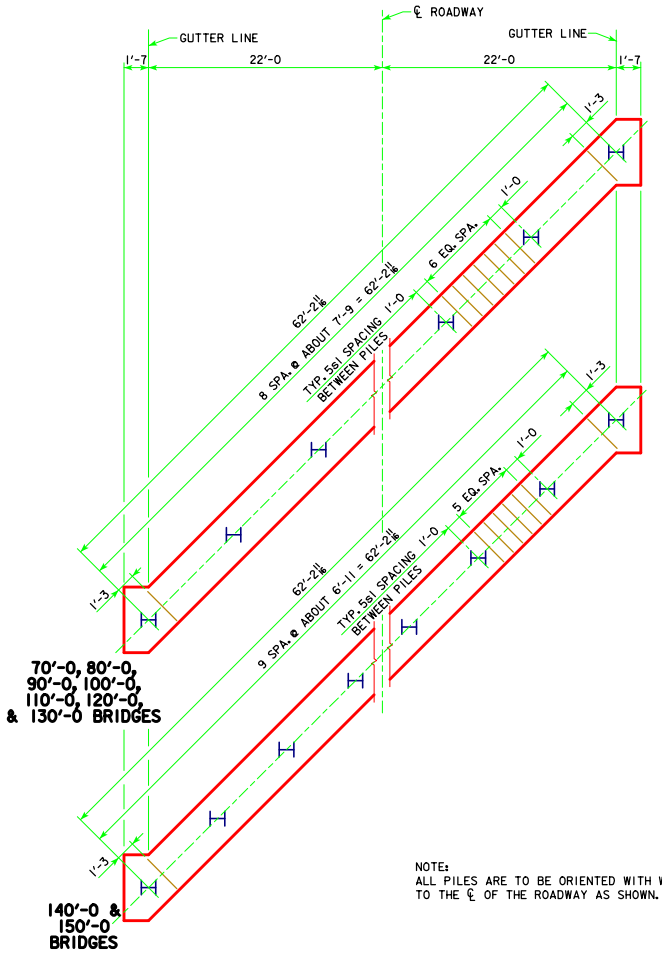

NOTE:
ALL PILES ARE TO BE ORIENTED WITH WEBS PERPENDICULAR TO THE ℄ OF THE ROADWAY AS SHOWN.

PILE PLAN - 45° SKEW STEEL PILING

NUMBER OF PILES AND ABUTMENT DESIGN LOADS

BRIDGE LENGTH	70'-0	80'-0	90'-0	100'-0	110'-0	120'-0	130'-0	140'-0	150'-0
PILING - NUMBER	9	9	9	9	9	9	9	10	10
PU, STRENGTH I DESIGN LOAD - KIPS	565	599	632	674	715	762	807	Δ 933	Δ 986

Δ INCLUDES DYNAMIC LOAD ALLOWANCE
NOTE: PU, STRENGTH I DESIGN LOAD (KIPS) IS NOT THE VALUE USED IN THE FIELD FOR DRIVING PILES.

06-13
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

REVISED 06-13 - REVISION FOR LRFD PILE DESIGN.