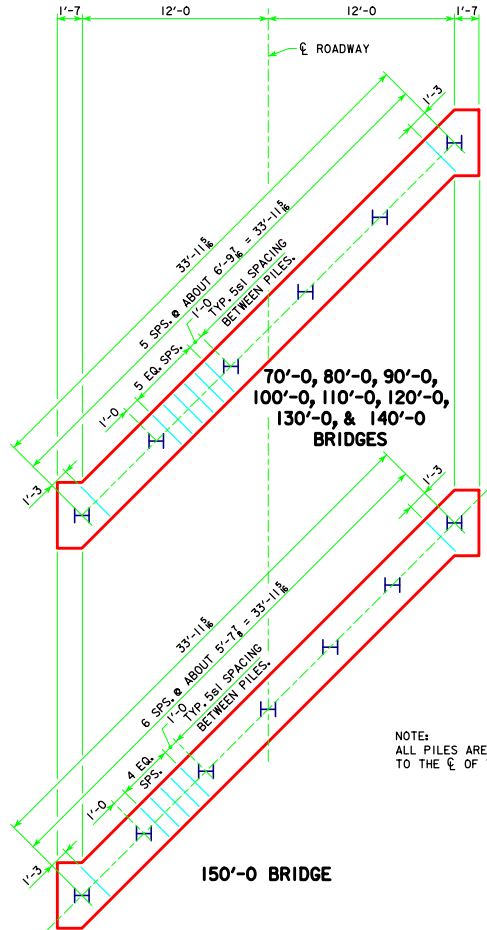


REVISED 06-13 - REVISION FOR LRFD PILE DESIGN.



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


**PILE PLAN - 45° SKEW
STEEL PILING**

NOTE: ALL PILING HP10X42

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	6	6	6	6	6	6	6	6	7
PU, STRENGTH I DESIGN LOAD - KIPS	379	401	421	448	474	504	532	Δ 623	Δ 655

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

LATEST REVISION DATE
06-13
Norman E. McQuill
APPROVED BY BRIDGE ENGINEER



Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 24' ROADWAY, 3 SPAN BRIDGES

**CONTINUOUS CONCRETE
SLAB BRIDGES**

NOVEMBER, 2006

<p>ABUTMENT DETAILS 45° SKEW - STEEL PILING</p>	<p>J24-38-06</p>
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