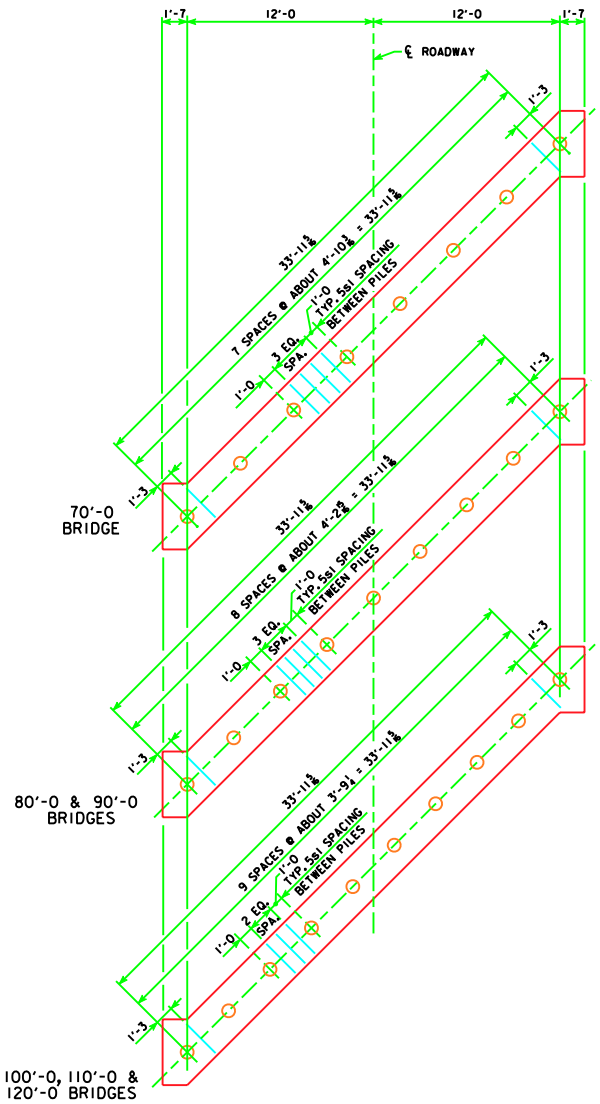

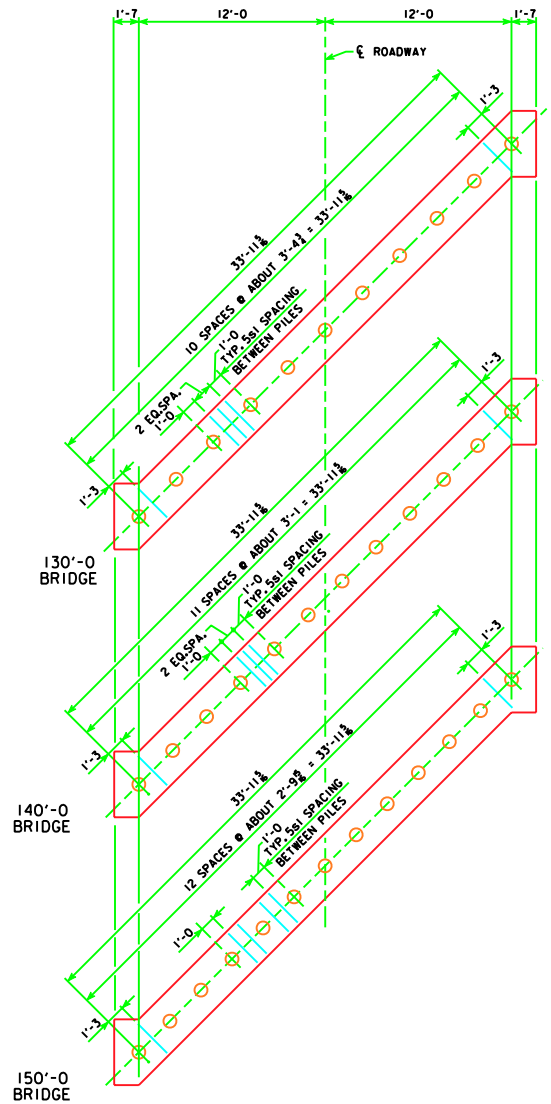

PILE PLAN - 45° SKEW
WOOD PILING

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	270	289	305	322	338	356	374	Δ 432	Δ 453
BEARING - TONS	20	19	20	18	19	20	19	20	19
PILING - NUMBER	8	9	9	10	10	10	11	12	13

Δ INCLUDES IMPACT

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 24' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

ABUTMENT DETAILS
45° SKEW - TIMBER PILING

J24-32-06