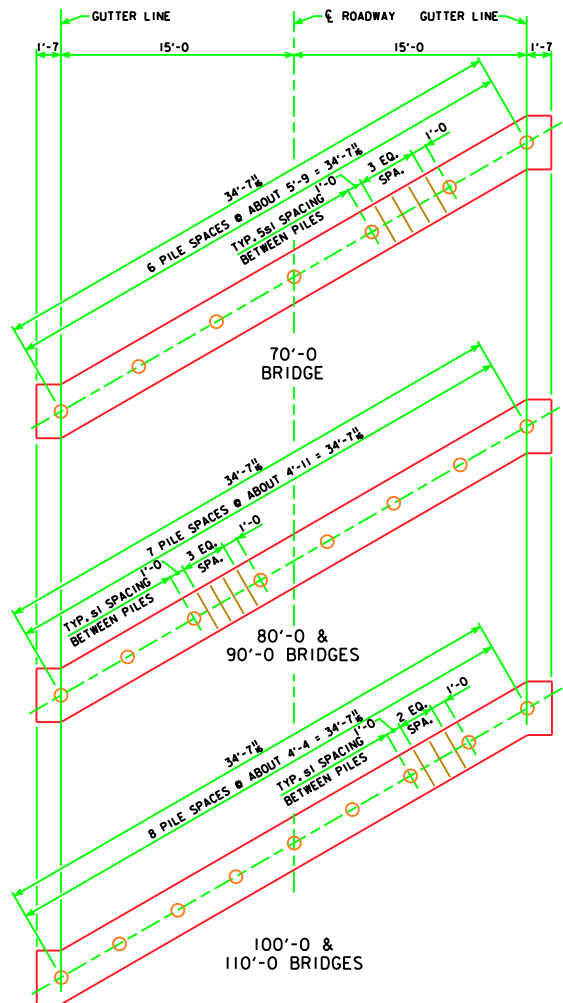
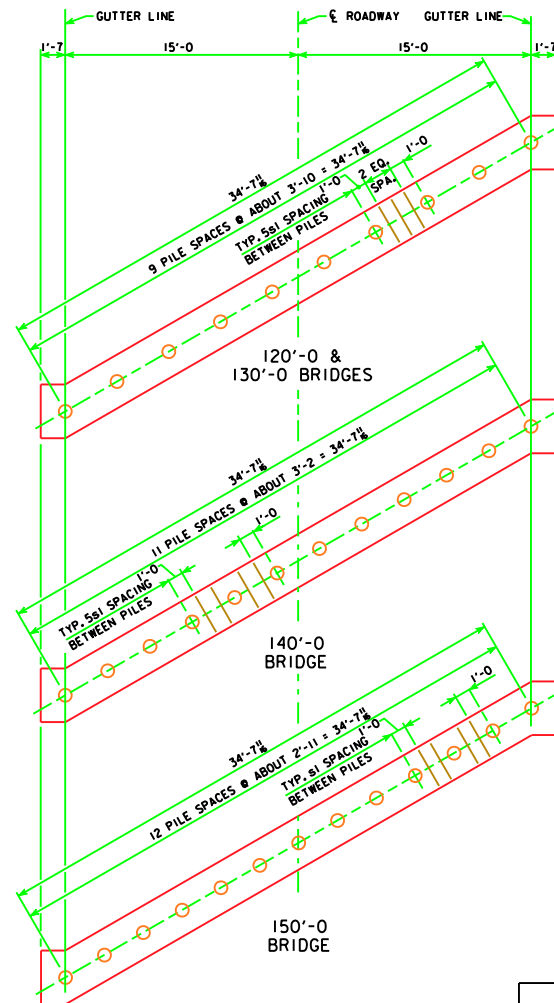




PILE PLAN - 30° SKEW
WOOD PILING



LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER
Thomas E. McQuill



Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 30' ROADWAY, 3 SPAN BRIDGES
**CONTINUOUS CONCRETE
SLAB BRIDGES**
NOVEMBER, 2006

30° ABUTMENT DETAILS
SKEW - TIMBER PILING

J30-30-06