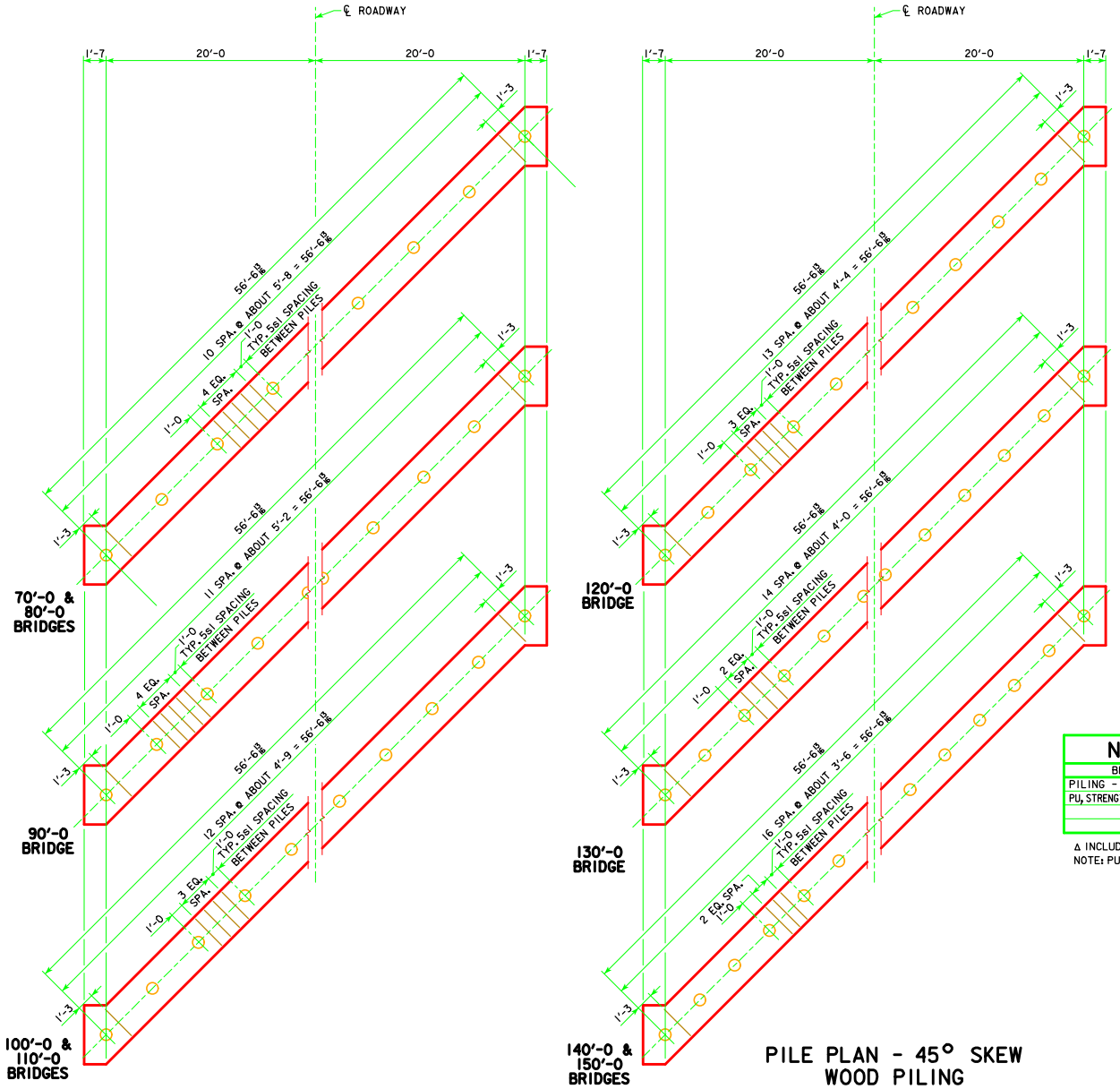

PILE PLAN - 45° SKEW
WOOD PILING

NUMBER OF PILES AND ABUTMENT DESIGN LOADS

BRIDGE LENGTH	70'-0	80'-0	90'-0	100'-0	110'-0	3120'-0	130'-0	140'-0	150'-0
PILING - NUMBER	11	11	12	13	13	14	15	17	17
PU, STRENGTH I DESIGN LOAD - KIPS	538	570	601	641	679	723	765	Δ 888	Δ 938

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

APPROVED BY BRIDGE ENGINEER

IOWA DOT Highway Division

STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

JULY, 2014

ABUTMENT DETAILS
45° SKEW - TIMBER PILING

J40-37-14