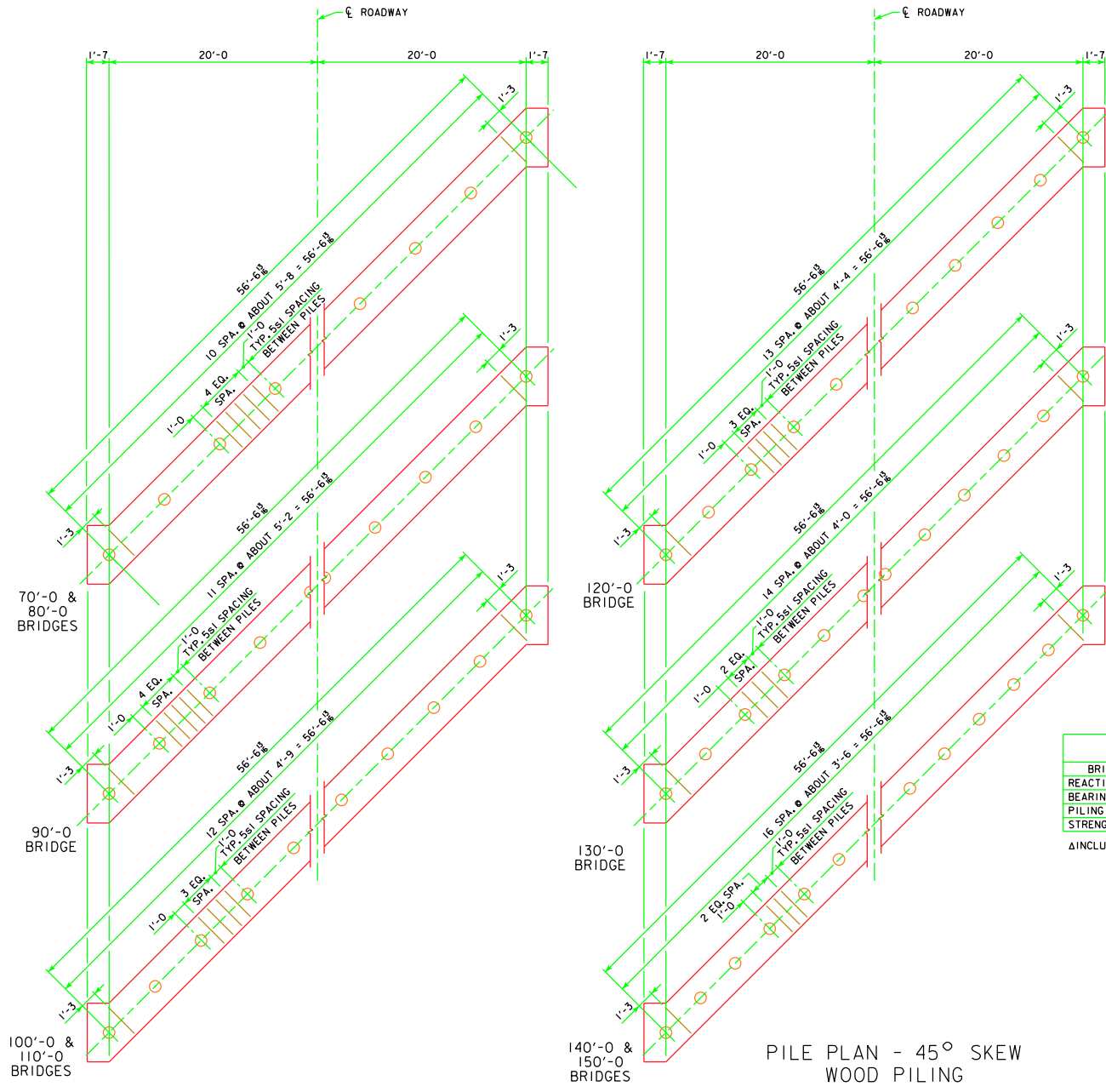


REVISED 11-08 - REVISED SHEET FOR HL-93 LOADING.



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	418	440	460	486	511	540	568	Δ 643	Δ 677
BEARING - TONS	19	20	20	19	20	20	19	19	20
PILING - NUMBER	11	11	12	13	13	14	15	17	17
STRENGTH I REACTION - KIPS	538	570	601	641	679	723	765	Δ 888	Δ 938

Δ INCLUDES IMPACT

11-08 LATEST REVISION DATE <i>Thomas E. McQuinn</i> APPROVED BY BRIDGE ENGINEER		
	STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES CONTINUOUS CONCRETE SLAB BRIDGES NOVEMBER, 2006	
	45° ABUTMENT DETAILS SKEW - TIMBER PILING	J40-37-06