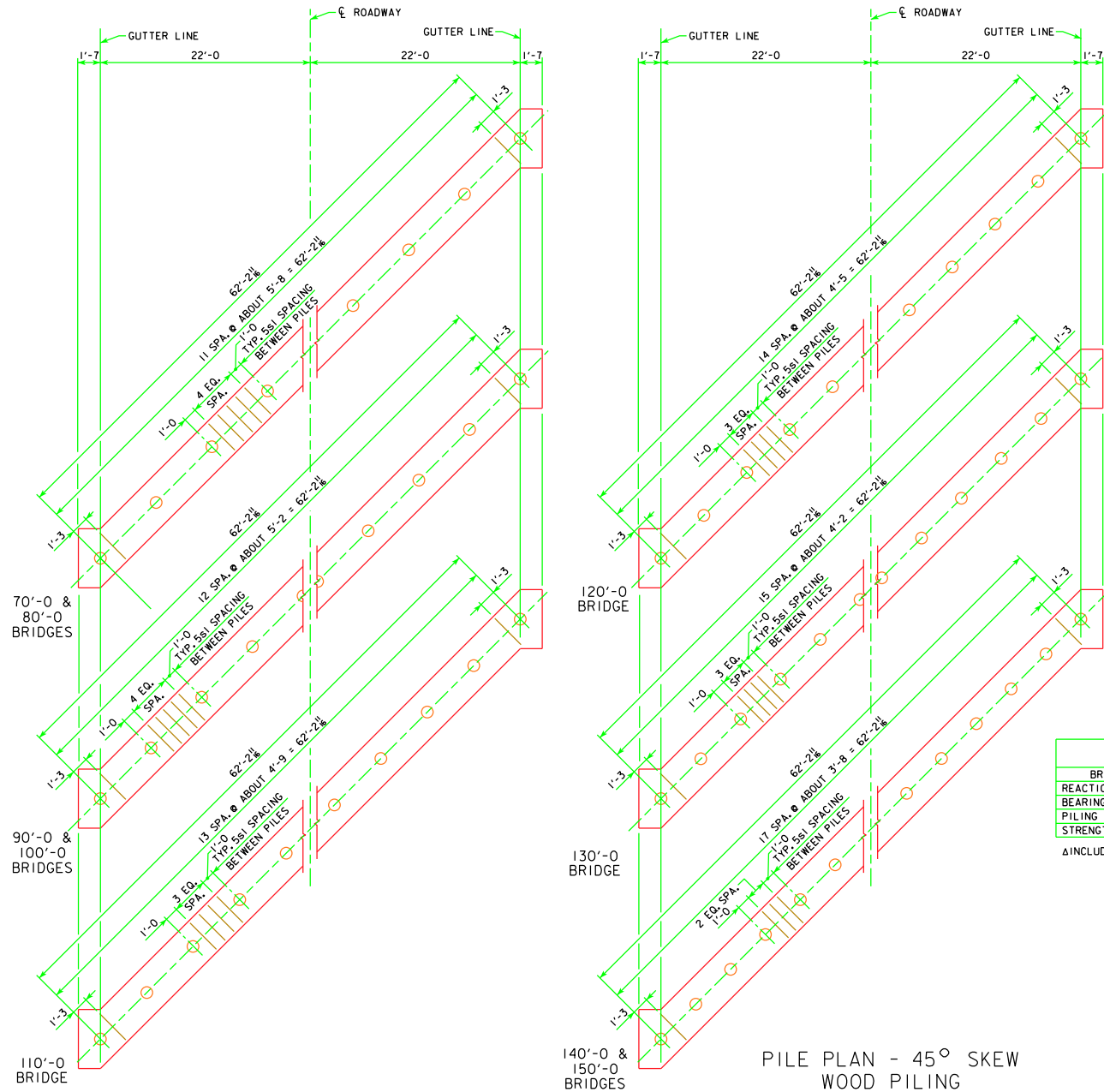


REVISED 11-08 - REVISED SHEET FOR HL-93 LOADING.



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	443	467	489	516	543	574	604	Δ 681	Δ 717	
BEARING - TONS	19	20	19	20	20	20	19	19	20	
PILING - NUMBER	12	12	13	13	14	15	16	18	18	
STRENGTH I REACTION - KIPS	565	599	632	674	715	762	807	Δ 933	Δ 986	

Δ INCLUDES IMPACT

11-08 LATEST REVISION DATE  <i>Thomas C. McQuinn</i> APPROVED BY BRIDGE ENGINEER	
	STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES <b>CONTINUOUS CONCRETE SLAB BRIDGES</b> NOVEMBER, 2006
	45° ABUTMENT DETAILS SKEW - TIMBER PILING
J44-37-06	