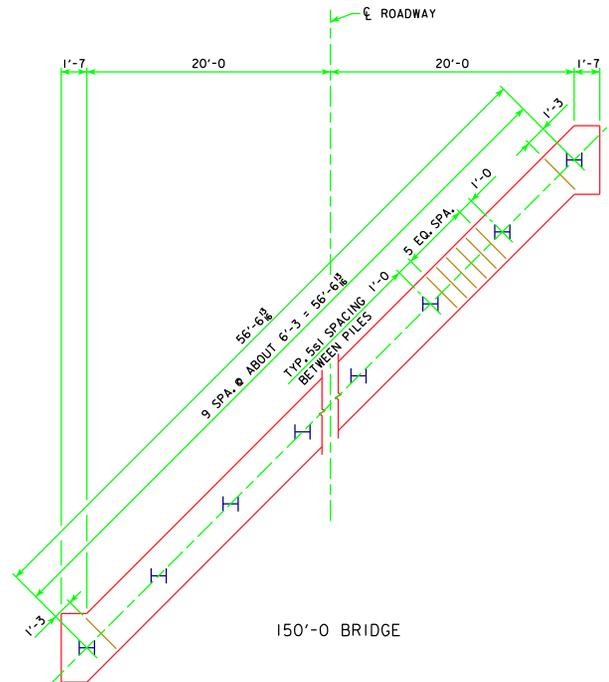


70'-0, 80'-0, 90'-0, 100'-0,
110'-0, 120'-0, 130'-0, & 140'-0
BRIDGES



150'-0 BRIDGE

PILE PLAN - 45° SKEW STEEL PILING

NOTE:
ALL PILES ARE TO BE ORIENTED WITH WEBS PERPENDICULAR
TO THE CL OF THE ROADWAY AS SHOWN.

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	24	25	26	27	29	30	32	36	34
PILING - NUMBER	9	9	9	9	9	9	9	9	10
STRENGTH 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 - STEEL PILING
J40-43-06	

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