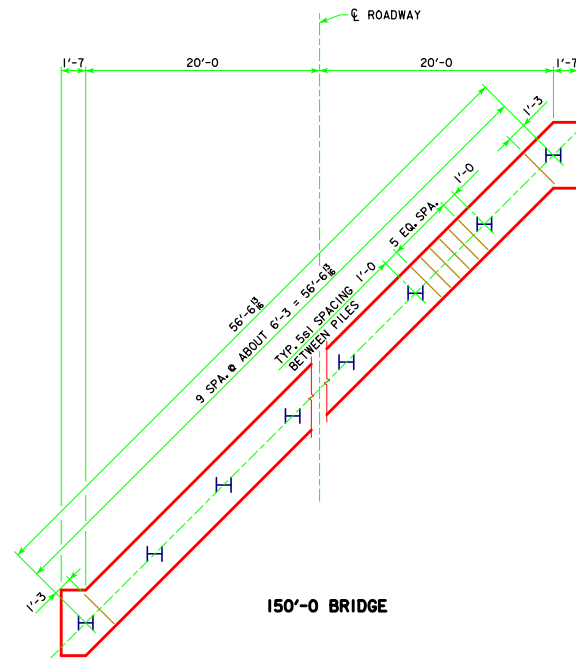


70'-0, 80'-0, 90'-0, 100'-0,
110'-0, 120'-0, 130'-0, & 140'-0
BRIDGES



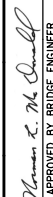

150'-0 BRIDGE

PILE PLAN - 45° SKEW STEEL PILING

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

NUMBER OF PILES AND ABUTMENT DESIGN LOADS									
BRIDGE LENGTH	70'-0	80'-0	90'-0	100'-0	110'-0	120'-0	130'-0	140'-0	150'-0
PILING - NUMBER	9	9	9	9	9	9	9	9	10
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	 STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES CONTINUOUS CONCRETE SLAB BRIDGES JULY, 2014
		ABUTMENT DETAILS 45° SKEW - STEEL PILING
		J40-43-14