



PILE PLAN - 45° SKEW  
STEEL PILING

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	10	10
PU, STRENGTH I DESIGN LOAD - KIPS	565	599	632	674	715	762	807	Δ 933	Δ 986

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	<i>Norman E. M. Donald</i> APPROVED BY BRIDGE ENGINEER		
		STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES <b>CONTINUOUS CONCRETE SLAB BRIDGES</b> JULY, 2014	
		<b>ABUTMENT DETAILS 45° SKEW - STEEL PILING</b>	<b>J44-43-14</b>