



Note:
Rails not shown.



Bridge Length	20'-0"	30'-0"	40'-0"	50'-0"
Number of Piles	6	6	7	8
Pu, strength I design load for each abutment (kips)	489	596	710	850

Note: Pu, strength I design load for each abutment (kips) is not the value used in the field for driving piles


Abutment Notes:

All piling HP 10x42.

The minimum clear distance from the face of the concrete to near reinforcing bar is to be 2 inches unless otherwise noted or shown.

Steel abutment piles shall be driven to full penetration if practicable but in no case to a bearing value less than specified in the design plans.

Abutment piling was designed for HL-93 loading with an allowance for 20 lbs. per sq. ft. future wearing surface. All reinforcing bars are included with the superstructure quantities.

Latest Revision Date <i>James Miller</i> Approved by Bridge Engineer		
	Standard Design - 30'-0" Roadway, Single Span Bridge Single Span Concrete Slab Bridges July, 2025	
	High Abutment Details 0° Skew	J30S-20-25