



Abutment Notes:

All piling HP 10x42.
The concrete and reinforcing steel for the wings is included with the superstructure.
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.
All reinforcing steel is to be Grade 60.
Abutment piling was designed for HL-93 loading with an allowance for 20 lbs. per sq. ft. future wearing surface.

Latest Revision Date	IOWA DOT	
	Standard Design - 30'-0" Roadway, Single Span Bridge	
	Single Span Concrete Slab Bridges	
Approved By Bridge Engineer	July, 2025	
	Integral Abutment Details 45° Skew	J305-17-25