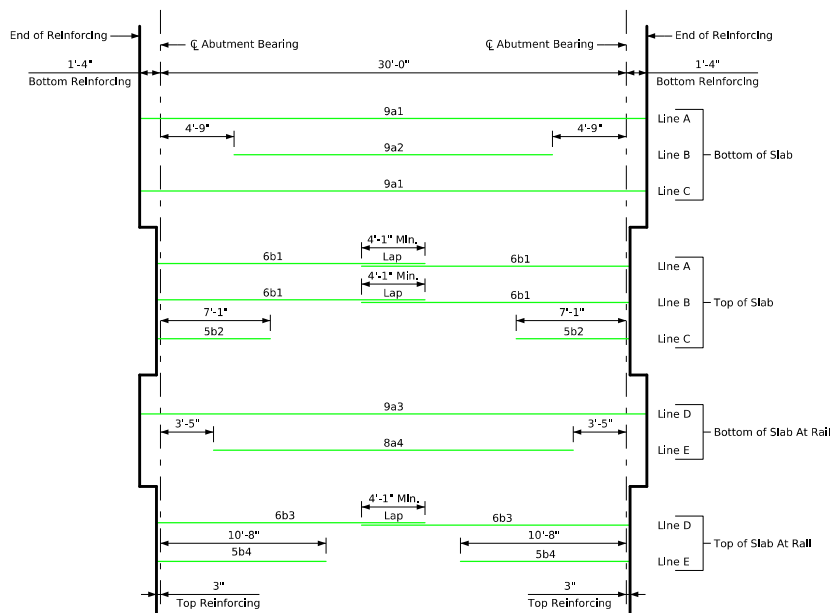
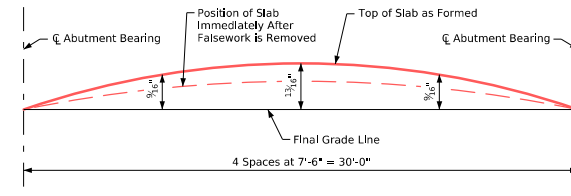


**Transverse Section**

Slab Cross-Section Area  
= 40.75 sq ft



**Placement for Longitudinal Reinforcement**



**Form Camber Diagram**

This diagram shows the form camber required to compensate for the anticipated ultimate dead load deflection. The above dimensions do not include any allowance for form deflection or falsework settlement.

Camber values were computed for 0 degree skew. Other skews will result in slightly smaller deflection. Adjustments in camber may be considered if a wearing surface will not be placed.

**Notes:**

Top longitudinal reinforcing steel is to be parallel to and 2½ inches clear below top of slab. Bottom longitudinal reinforcing steel is to be parallel to and 1½ inch clear above bottom of slab. Reinforcing steel is to be securely wired in place and adequately supported on bar chairs before concrete is poured.

I.M. 451.01 requirements shall apply for bar chairs.

See Slab Reinforcing Plan Details for the top and bottom transverse slab reinforcing steel.

Latest Revision Date	<b>IOWA DOT</b>	
	Standard Design - 24'-0" Roadway, Single Span Bridge	
	<b>Single Span Concrete Slab Bridges</b>	
Approved by Bridge Engineer	July, 2025	
	Superstructure Details 30'-0" Bridge	<b>J24S-05-25</b>