

**HALF SECTION NEAR ABUTMENT**

SLAB CROSS-SECTIONAL AREA FOR OPEN RAIL = 63.87 SQ. FT.

**HALF SECTION NEAR PIER**

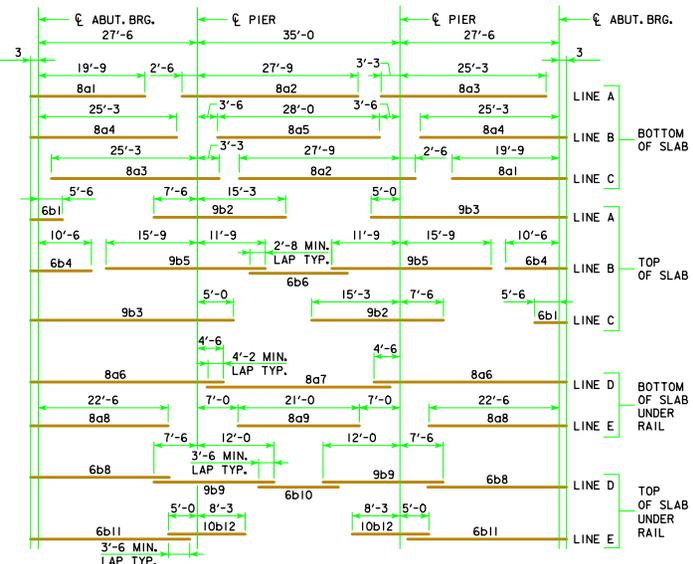
SLAB CROSS-SECTIONAL AREA FOR BARRIER RAIL = 63.92 SQ. FT.

NOTE: TOP LONGITUDINAL REINFORCING STEEL IS TO BE PARALLEL TO AND 2 1/4\"/>

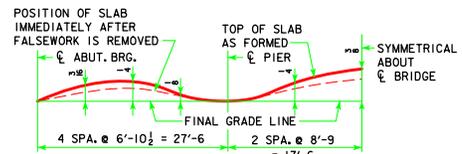
**CONCRETE SEALER LIMITS FOR OPEN RAILS**

CONCRETE SEALER SHALL BE APPLIED TO BOTH SIDES OF BRIDGE SLAB ON THE TOP, EDGE OF SLAB AND UNDER THE SLAB. THE CONCRETE SEALER SHALL ALSO BE APPLIED TO THE OPEN RAIL ON THE TOP, TRAFFIC FACE SIDE, BOTTOM OF RAIL, AND ON ALL SIDES OF THE OPEN RAIL POSTS.

\* NOTE: DOUBLE DRIP GROOVES FOR OPEN RAIL OPTION ONLY.



**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.

LATEST REVISION DATE	<i>Thomas E. McQuinn</i> APPROVED BY BRIDGE ENGINEER	
		STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES <b>CONTINUOUS CONCRETE SLAB BRIDGES</b> JULY, 2014
		<b>SUPERSTRUCTURE DETAILS</b> <b>90'-0 BRIDGE</b>
		<b>J44-06-14</b>