

(Include these Notes with details shown on dwg. No. 7.2.1)

NOTES:

1. FOR 2" S.I.P. FORM, SET BOTTOM OF FORM 1" BELOW ELEVATION GIVEN IN TABLE. FOR 3" S.I.P. FORM, SET BOTTOM OF FORM $1\frac{1}{2}$ " BELOW TABLE ELEVATIONS.
2. FORM ENDS SHALL BE CRIMPED CLOSED IN A TAPERED MANNER. SEPARATE END CLOSURE PIECES WILL NOT BE ALLOWED.
3. SUPPORT ANGLES SHALL BE PLACED IN THE "LEG DOWN" POSITION WHERE POSSIBLE. WHERE "LEG UP" POSITION IS NECESSARY, THE UPPER MOST PORTION OF THE ANGLE SHALL NOT PROJECT MORE THAN 1" ABOVE THE TOP FLANGE OR COVER PLATE. THE CONTRACTOR SHALL HAVE AN ASSORTMENT OF ANGLES OF VARIOUS SIZES AVAILABLE ON THE SITE TO CONFORM TO THIS REQUIREMENT.
4. ALL MAIN STEEL REINFORCEMENT IN THE LOWER MAT SHALL BE CENTERED OVER THE VALLEY OF THE S.I.P. FORM.
5. CONTRACTOR SHALL DESIGN AND DETAIL ALL ELEMENTS OF THE FORMING SYSTEM AND SHALL SUBMIT TO THE ENGINEER FOR APPROVAL.
6. IN CASES WHERE STANDARD 2" OR 3" DEEP S.I.P. FORMS DO NOT SATISFY DESIGN REQUIREMENTS AN ALTERNATIVE FORMING SYSTEM CONSISTING OF DEEPER S.I.P. FORMS OR REMOVABLE FORMS SHALL BE DESIGNED AND DETAILED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. THE DESIGN THICKNESS OF THE SLAB SHALL NOT BE REDUCED.

S.I.P. FORM NOTES:

1. The top 1" of concrete within the S.I.P. form supported deck shall be considered solid concrete for calculation of dead load and slab section properties.
2. The additional weight of the S.I.P. form may be neglected in dead load computations for 2" and 3" deep forms spanning 10' or less. This is because the voided upward corrugation eliminates more concrete weight than is added by the sum on the downward concrete filled corrugation and the S.I.P. form. For spans in excess of 10' or form depth in excess of 3", the Designer shall determine what, if any, additional dead load to include.
3. Readily available 2" and 3" deep S.I.P. forms with design span lengths in excess of 7.5 feet (9'± beam spacing) and 9.5 feet (11'± beam spacing), respectively, may not satisfy deflection limits.



LRFD BRIDGE
MANUAL, PART II

S.I.P. FORM NOTES

STAY-IN-PLACE FORMS

DATE OF ISSUE
JUNE 2013

DRAWING NUMBER
7.2.2