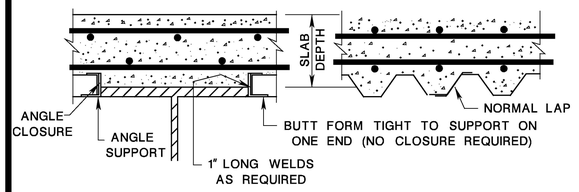
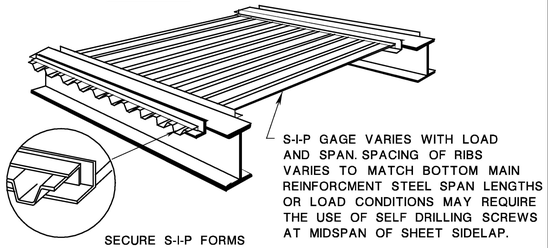


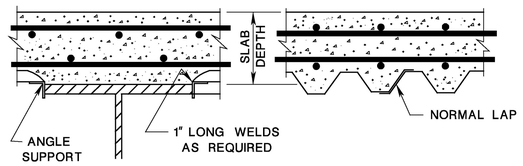
SECTION THROUGH STRINGER

SLAB SECTION



S–I–P FORMS BETWEEN STRINGERS VARIABLE SLAB ELEVATION NORMAL L SUPPORTS

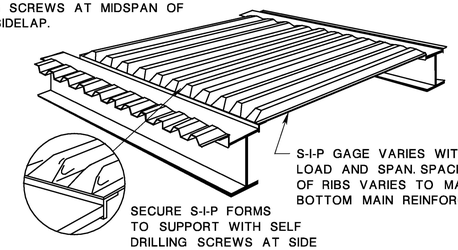
BCD-507-4.1



SECTION THROUGH STRINGER

SLAB SECTION

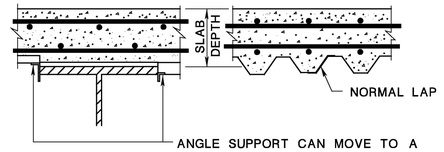
SPAN LENGTHS OR LOAD CONDITIONS MAY REQUIRE THE USE OF SELF DRILLING SCREWS AT MIDSPAN OF SHEET SIDELAP.



S–I–P FORMS BETWEEN STRINGERS VARIABLE SLAB ELEVATION INVERTED L SUPPORTS

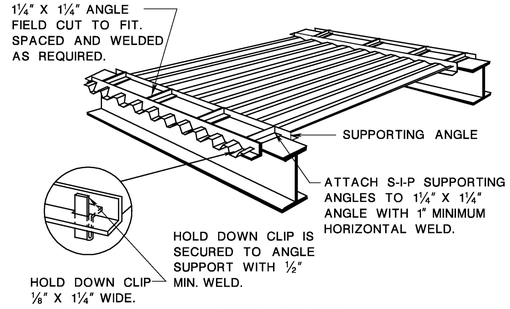
BCD-507-4.2

(TO BE USED IN THE TENSION ZONE OF CONTINUOUS SPAN BRIDGES)



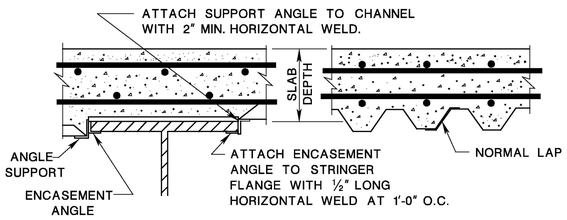
SECTION THROUGH STRINGER

SLAB SECTION



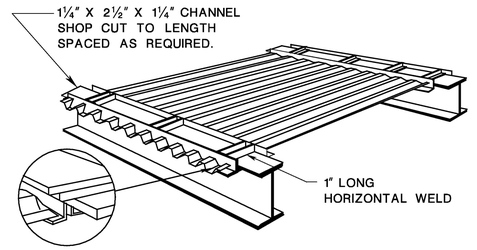
S–I–P FORMS WITH ADJUSTABLE SUPPORTS NOT WELDED TO STRINGERS

BCD-507-4.3



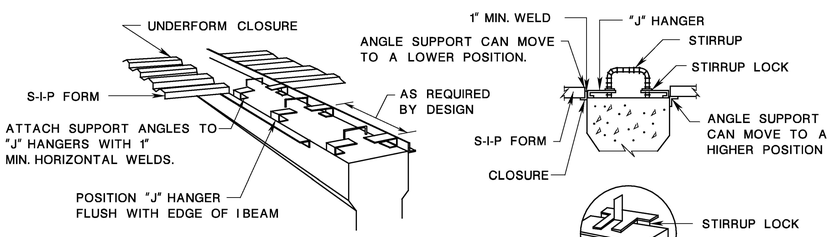
SECTION THROUGH STRINGER

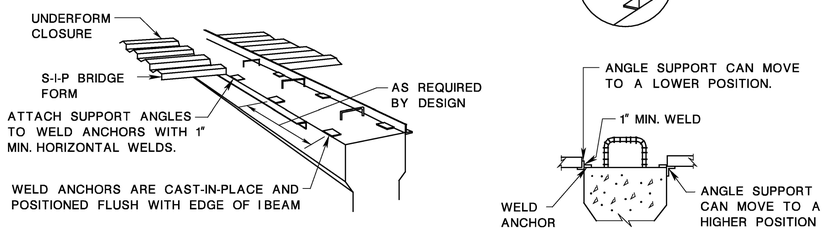
SLAB SECTION

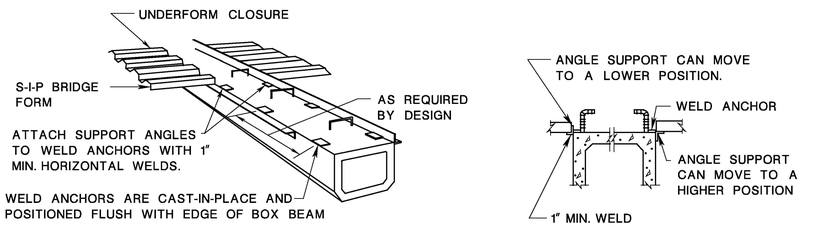


S–I–P FORMS WITH ADJUSTABLE L SUPPORTS STRINGER FLANGE ENCASEMENT PROVIDED

BCD-507-4.4

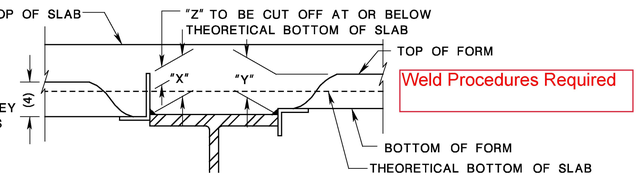






S–I–P FORMS BETWEEN PRECAST CONCRETE STRINGERS

BCD-507-4.5



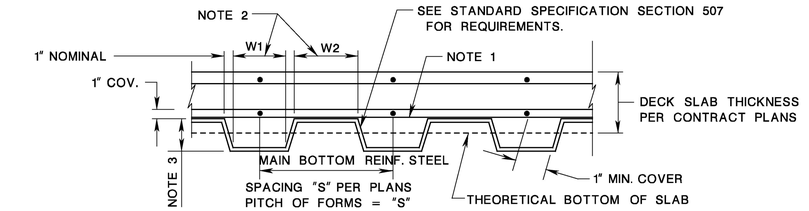
NOTE:

THE CONTRACTOR SHALL SURVEY THE TOP OF BEAM ELEVATIONS AS REQUIRED TO ESTABLISH HAUNCH DIMENSIONS X AND Y AND CUT-OFF DIMENSION Z.

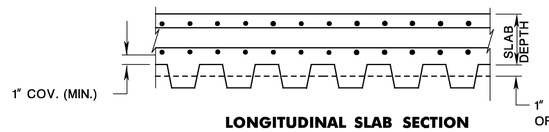
Weld Procedures Required

COMPRESSION FLANGE

THE ABOVE SKETCH AND NOTE SHALL APPEAR ON THE SHOP PLANS FOR STAY-IN-PLACE DECK FORMS SUBMITTED BY THE FABRICATOR. ANY SHOP DRAWING SUBMITTED WITHOUT THE SKETCH AND NOTE SHALL BE RETURNED FOR REVISION AND RESUBMISSION.



GENERALLY, THE SPACING (PITCH) OF RIBS (FLUTES) SHALL MATCH SPACING OF BOTTOM MAIN REINFORCEMENT STEEL AND BOTTOM MAIN REINFORCEMENT STEEL SHALL BE PLACED AT THE CENTER OF EACH RIB TO PROVIDE MAXIMUM CONCRETE COVER. OCCASIONALLY, THE DECK FORMS MUST BE DROPPED WHEN RIBS AND BOTTOM MAIN REINFORCEMENT STEEL CAN NOT BE ALIGNED. REFER TO THE ALTERNATE BELOW FOR MORE DETAILS ON THIS CONDITION.



LONGITUDINAL SLAB SECTION

NOTES:

1 ½" CORROSION PROTECTED STEEL BARS MAY BE USED AS REINFORCEMENT STEEL SUPPORTS.

2 W1 SHALL BE EQUAL TO OR LESS THAN W2.

3 RIBS ARE ASSUMED TO BE 2" DEEP. SPECIAL DESIGN CONSIDERATIONS ARE REQUIRED FOR DEEPER FORMS.

BCD-507-4.6

T.Y. LIN INTERNATIONAL

THE STAMPED DOCUMENTS ARE HEREBY:

___ APPROVED
_X_ APPROVED AS NOTED
___ REVISE AND RESUBMIT

SEE TRANSMITTAL FOR ADDITIONAL INFORMATION AS APPLICABLE.

THIS REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY. ANY DEVIATION FROM THE PLANS OR SPECIFICATIONS NOT CLEARLY NOTED BY THE CONTRACTOR HAS NOT BEEN REVIEWED. REVIEW BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF THE CONTRACTUAL RESPONSIBILITY FOR ANY ERRORS OR DEVIATION FROM THE CONTRACT REQUIREMENTS.

JOSH OLUND — REVIEWER — April 5, 2017 — DATE

GENERAL NOTE:

1. THE DETAILS SHOWN ARE GENERAL. WORKING DRAWINGS ACCORDING TO THE NJDOT SPECIFICATIONS SHALL BE SUBMITTED FOR ACTUAL DETAILS .

2. LAP S.I.P. FORM PLACEMENT IN DIRECTION OF CONCRETE POUR.

STAY–IN–PLACE FORMS

N.T.S.

BCD-507-4

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

BRIDGE CONSTRUCTION DETAILS

Vermont Agency of Transportation

RECEIVED

CK'D BY TYLin, R. Foster OK'D BY TYLin R. Foster

April 5, 2017

RESUBMIT No Approved AsNoted

BY Kristin Higgins DATE 4/72017

131
146

BDC07D-01-ORIGINAL SHEET

ID= TPXNHAV date= 17-DEC-2007 09:59 scale= 0.06318:1.000000 pen table= Y:\NJDOT\WS\Projects\NJDOTBag\Jplot\TBL\a Non-Roadway\bridge.tbl

file=