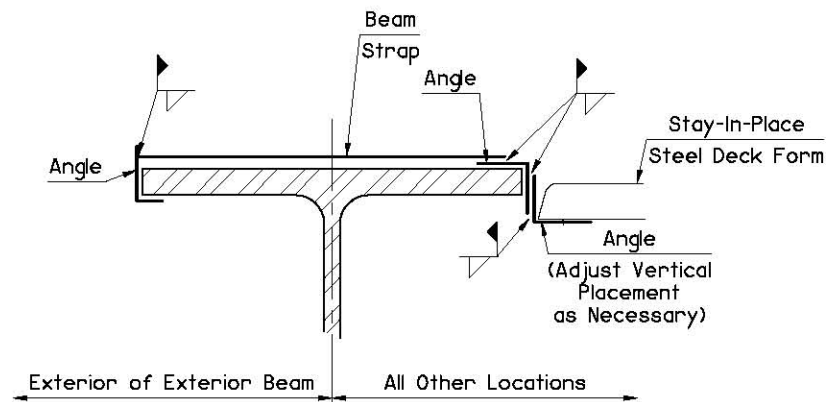


LONGITUDINAL SECTION

① Dimension is from top of Deck Slab to bottom of Bearing Assembly at C Bearing.



STAY-IN-PLACE STEEL DECK FORM FLANGE CONNECTION DETAIL

NOTE:
Do not weld to the top flange or studs. Report any arc strike, weld splatter or welding on top flange to Bridge Engineer immediately.

Install all Diaphragms and tighten all Bolts before placing concrete for the Deck Slab or applying other massive loads to the Beams

STAY-IN-PLACE DECK FORM NOTES

- The Contractor may use Stay-In-Place Steel Deck Forms if the minimum Deck Slab thickness of 8" is obtained by measuring from the top of the Deck Slab to the top portion of the steel corrugation. Preformed Corrugation Filler, composed of Polystyrene or other material, may be used if bonded to the Deck Forms. No additional concrete weight of the Deck Slab is permitted. The total additional weight of the Deck Form and Filler shall not exceed 5 p.s.f. The Department considers all costs of Stay-In-Place Steel Deck Forms to be included in the contract unit price of CLASS AA CONCRETE.
- The Contractor may substitute Stay-In-Place Prestressed Concrete Deck Forms, at no additional cost to the Department, if the following conditions are met:
- (1) The Bridge Engineer approves shop drawings and structural calculations for the forms submitted by the Contractor.
 - (2) The Bridge Engineer approves new structural design, structural calculations, and a new reinforcing schedule for the Deck Slab submitted by the Contractor.
 - (3) Shop drawings, new Deck Slab reinforcing schedule, structural designs, and calculations are prepared and sealed by a Professional Engineer licensed in the State of Oklahoma.

SCHEDULE FOR DIMENSION H		
SPAN	H AT ABUTMENT	H AT PIER
30'	3'-0 3/4"	3'-5 3/8"
35'	3'-3 1/2"	3'-8 1/8"
40'	3'-3 5/8"	3'-8 1/4"
45'	3'-4"	3'-8 5/8"
50'	3'-7 1/8"	3'-11 3/4"
55'	3'-9 1/2"	4'-1 5/8"
60'	3'-9 7/8"	4'-2"
65'	4'-0 5/8"	4'-4 3/4"
70'	4'-1"	4'-5 1/8"
75'	4'-0 5/8"	4'-4 3/4"
80'	4'-1"	4'-5 1/8"
85'	4'-1 3/8"	4'-5 1/2"
90'	4'-1 3/4"	4'-5 7/8"
95'	4'-1 7/8"	4'-6"
100'	4'-2 1/8"	4'-6 1/4"

NOTE:
For Deck Slab Pouring Sequence Diagram, see SUPERSTRUCTURE BAR LIST.

APPROVED BY BRIDGE ENGINEER *Scott J. Smith* DATE *9/2/10*

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
**LONGITUDINAL SECTION
ROLLED BEAMS
INTEGRAL**

2009 SPECIFICATIONS | B40-I-LSECT-RB | 03E
B-67E