

CROSS SLOPE ADJUSTMENT		
GIRDER	L	R
G1	0.08	-0.08
G2	0.07	-0.04
G3	0.04	-0.04
G4 & G5	-0.04	0.04
G6 & G7	0.04	-0.04
G8	-0.04	0.04
G9	-0.04	0.07
G10	-0.08	0.08

POSITIVE VALUES ARE DOWNWARD
 VALUES ARE IN FEET.

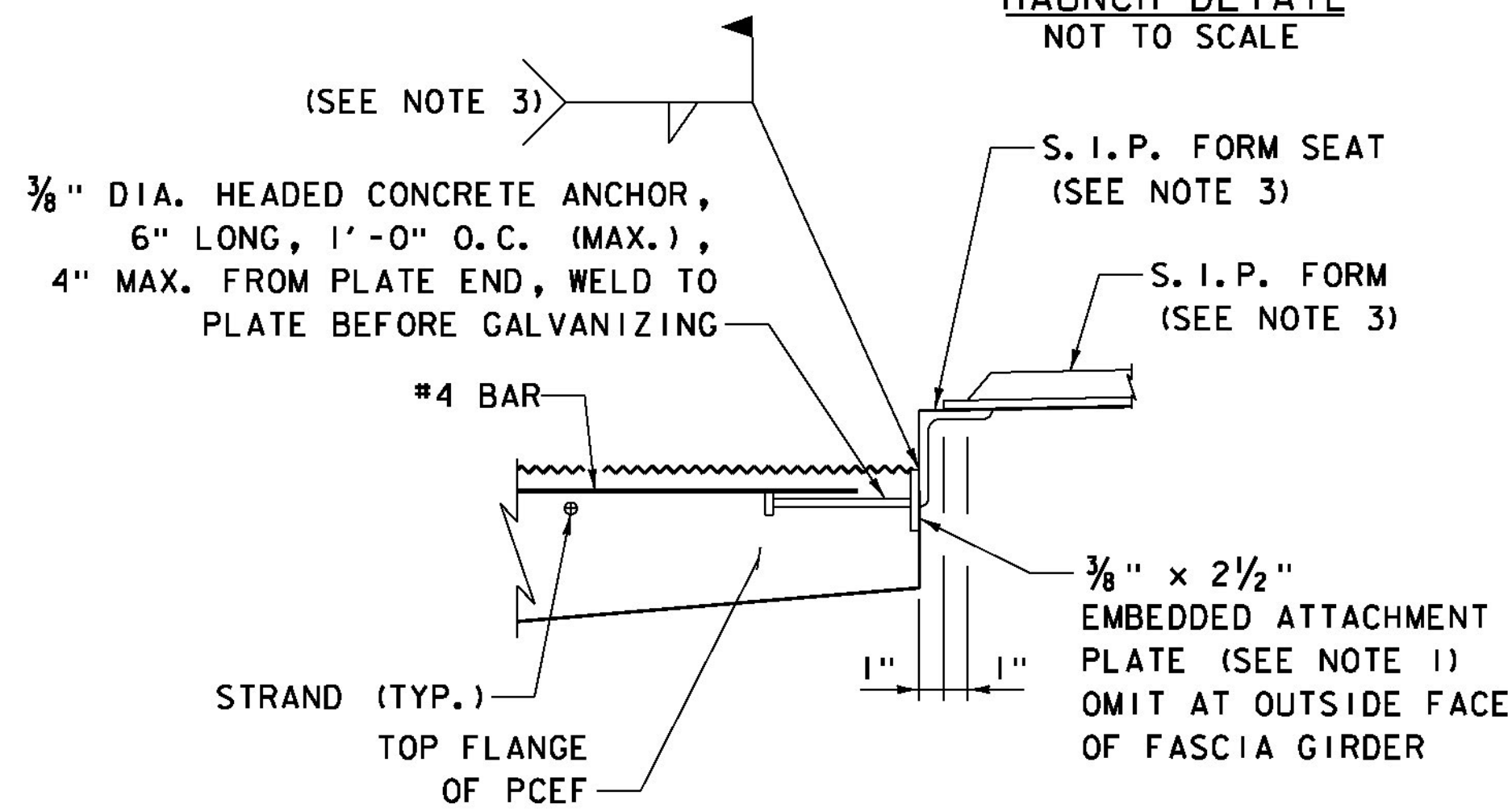
GIRDER BLOCKING NOTES:

1. THE RIGHT AND LEFT ORIENTATION IS TAKEN LOOKING UPSTATION ALONG BEAM.
2. RIGHT BLOCKING DISTANCE = THEORETICAL BLOCKING DISTANCE "R"
 LEFT BLOCKING DISTANCE = THEORETICAL BLOCKING DISTANCE "L"
3. SEE BLOCKING DISTANCE TABLE, THIS SHEET, FOR BLOCKING DISTANCE AT CENTERLINE OF GIRDERS AND CENTERLINE OF BEARINGS.

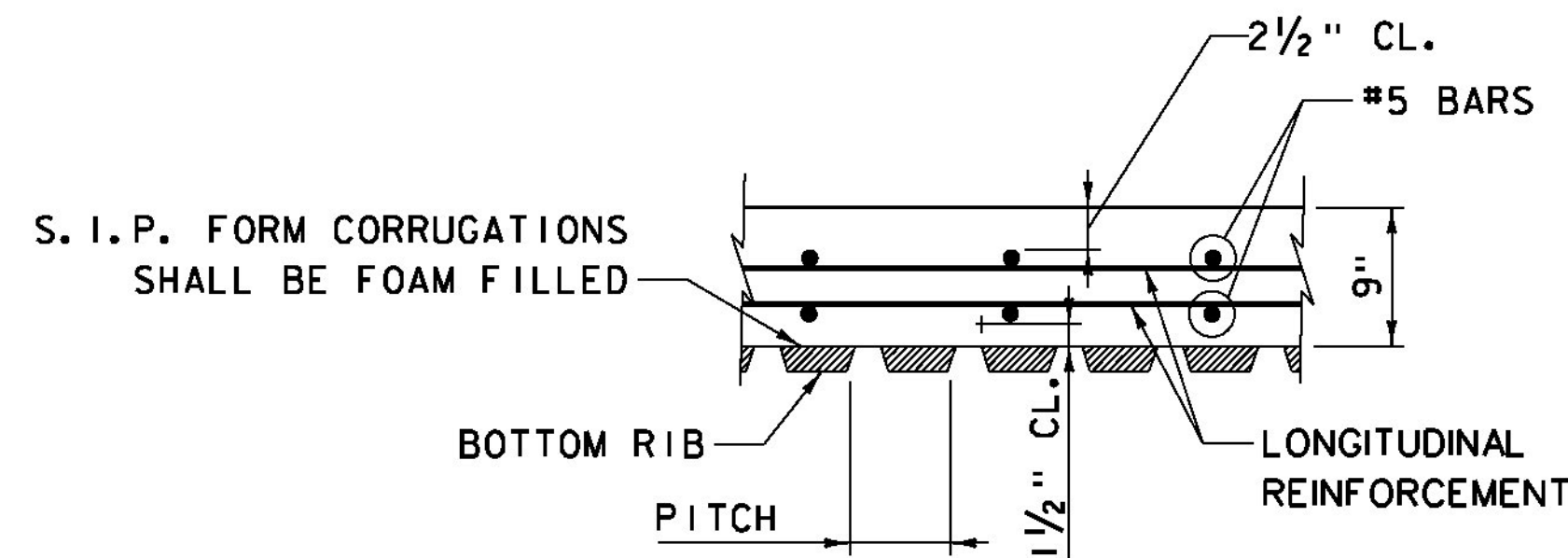
BLOCKING DISTANCE AT CENTERLINE BEARINGS (INCHES)				
BRIDGE 33S GIRDER	SPAN 1	SPAN 2	SPAN 3	SPAN 4
1	4 1/2	4 3/4	4 3/4	4 1/2
2	4 1/4	4 1/2	4 1/2	4 1/4
3	3 7/8	4 1/8	4 1/8	3 7/8
4	3 7/8	4 1/8	4 1/8	3 7/8
5	4 1/8	4 1/4	4 1/4	4 1/8
BRIDGE 33N GIRDER	SPAN 5	SPAN 6	SPAN 7	SPAN 8
6	4 1/8	4 1/4	4 1/4	4 1/8
7	3 7/8	4 1/8	4 1/8	3 7/8
8	3 7/8	4 1/8	4 1/8	3 7/8
9	4 1/4	4 1/2	4 1/2	4 1/4
10	4 1/2	4 3/4	4 3/4	4 1/2

TABLE VALUES REPRESENT BLOCKING DISTANCES AT CENTERLINE OF GIRDER AND CENTERLINE OF BEARINGS AT EACH END OF SPAN. BLOCKING DISTANCE VALUES ARE BASED ON A CALCULATED GIRDER CAMBER OF 4.84" (0.40). PRIOR TO FORMING THE BEARING SEATS, THE CONTRACTOR SHALL MEASURE THE ACTUAL CAMBER OF EACH GIRDER. IF THE ACTUAL MEASURED CAMBER VALUES VARY BY MORE THAN +/- 0.5" FROM THE CALCULATED, THE BLOCKING VALUES (AND BEARING SEAT ELEVATIONS) SHALL BE ADJUSTED.

HAUNCH DETAIL
 NOT TO SCALE



STAY-IN-PLACE FORM ATTACHMENT DETAIL
 NOT TO SCALE



SECTION THROUGH STAY-IN-PLACE FORM
 NOT TO SCALE

STAY-IN-PLACE FORM NOTES:

1. EMBEDDED ATTACHMENT PLATES SHALL BE HOT-DIP GALVANIZED AASHTO M270 GRADE 36 STEEL. THE PLATES SHALL BE IN LENGTHS FROM 3'-0" TO 12'-0" WITH PIECES BUTTED TOGETHER WITHOUT END CONNECTIONS FOR FULL LENGTH OF BEAM. THE HEADED ANCHORS SHALL BE ATTACHED TO THE PLATES PRIOR TO GALVANIZING. ADJUST STUD LOCATIONS AT OPENINGS FOR SCUPPER DOWNSPOUTS. DETAIL ON GIRDER DETAIL 6 SHEET.
2. HEADED ANCHORS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 714.10.
3. S.I.P. FORM ATTACHMENT DETAILS SHOWN ARE SCHEMATIC. DETAILS AND DESIGN OF ACTUAL S.I.P. FORMS AND ATTACHMENTS SHALL BE SUBMITTED AS A SHOP DRAWING FOR APPROVAL. S.I.P. FORM SYSTEM STEEL SHALL BE GALVANIZED AFTER FABRICATION IN CONFORMANCE WITH ASTM A123.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE CONCRETE LAITANCE FROM THE ATTACHMENT PLATE BEFORE INSTALLING THE S.I.P. FORMS.
5. FORM ENDS SHALL BE CRIMPED CLOSED IN A TAPERED MANNER. SEPARATE END CLOSURE PIECES WILL NOT BE ALLOWED.
6. 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.
7. S.I.P. FORM SHALL NOT BE USED AT SLAB OVERHANG. DECK OVERHANG FORMWORK AND SUPPORT SYSTEM SHALL BE SUBMITTED AS A SHOP DRAWING FOR APPROVAL.
8. GALVANIZED SURFACES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IN CONFORMANCE WITH THE REQUIREMENTS OF ASTM A780.

ITEMS USED ON THIS SHEET

ITEM NO.	DESCRIPTION
501.33	HIGH PERFORMANCE CONCRETE, CLASS A
900.608	HIGH PERFORMANCE CONCRETE, CLASS A, LOW CEMENT

PROJECT NAME: WINDSOR
 PROJECT NUMBER: IM 091-1(64)

FILE NAME: s10o188SuperStDet5.dgn
 PROJECT LEADER: J. WILSON
 DESIGNED BY: R. PEIN
 SUPERSTRUCTURE DETAILS
 PLOT DATE: 7/30/2015
 DRAWN BY: N. GARCIA III
 CHECKED BY: S. HALLORAN
 SHEET 76 OF 156