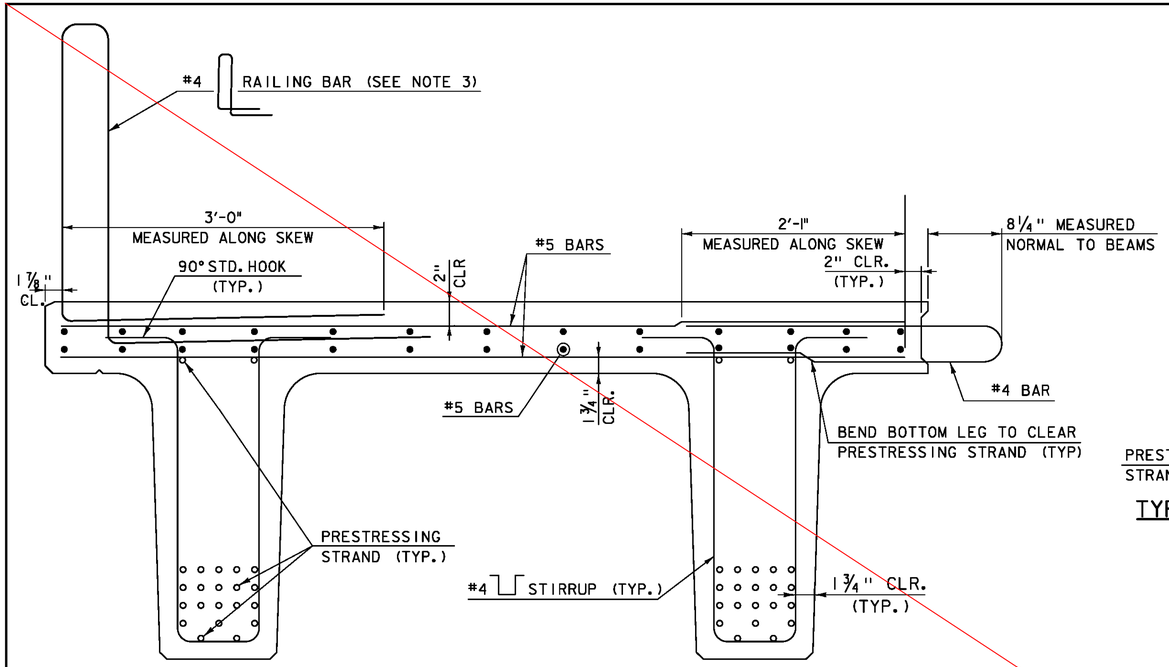
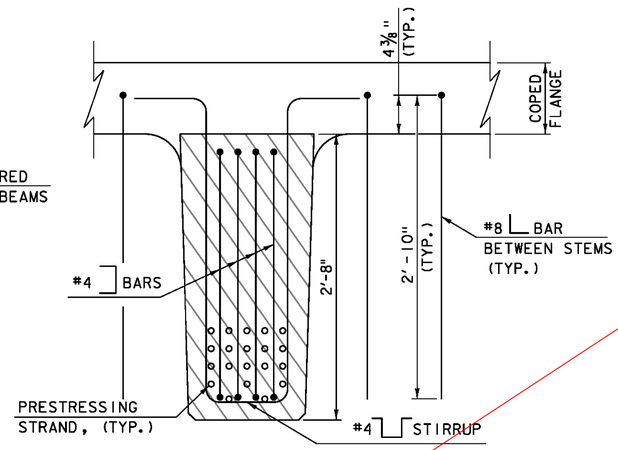


BRIDGE FASCIA INTERIOR

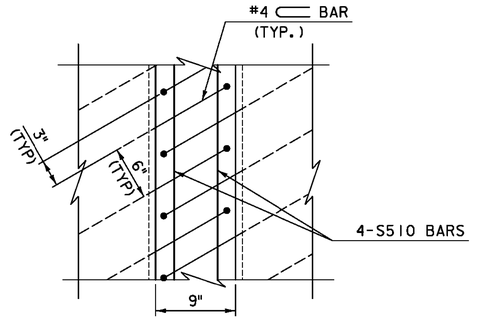
NEXT D BEAM REINFORCEMENT SECTION

(SECTION IS SHOWN NORMAL TO BEAM, BUT REINFORCEMENT IS PARALLEL TO ℄ BRG.)
(BEAM 1 SPAN 2 SHOWN, END SPANS AND OTHER BEAMS SIMILAR)
SCALE: 1½" = 1'-0"

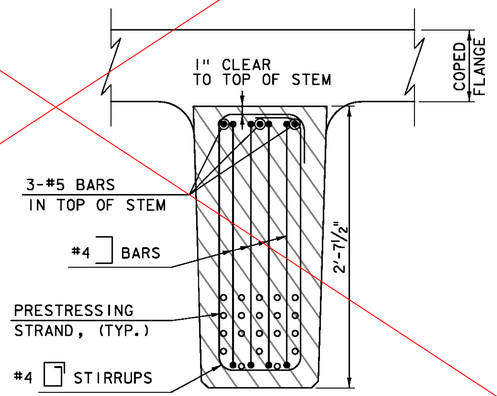


TYPICAL STEM REINF. @ ABUTMENT END

SCALE: 1½" = 1'-0"

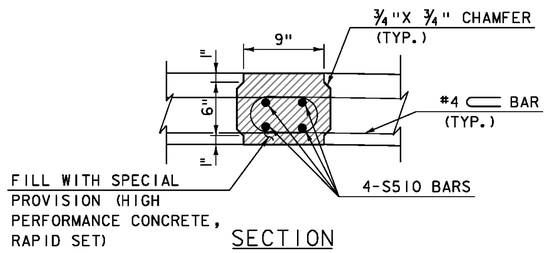


PLAN



TYPICAL STEM REINF. @ PIER END

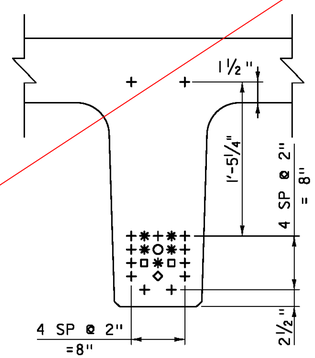
SCALE: 1½" = 1'-0"



SECTION

SHEAR KEY DETAILS

SCALE: 1½" = 1'-0"



TYPICAL NEXT BEAM STRAND PATTERN

N. T. S.

PRESTRESSING LEGEND:

- × FULLY BONDED. EXTENDED 2'-0" BEYOND END OF BEAM AT ABUTMENT ENDS ONLY. (BEND UP 90° @ 1'-1¾" BEYOND END OF BEAM)
- + FULLY BONDED
- ✳ DEBONDED 0.5 FEET
- ○ DEBONDED 6 FEET
- □ DEBONDED 8 FEET
- ◇ DEBONDED 10 FEET

PRECAST BEAM NOTES:

1. PRESTRESSING STRANDS SHALL BE 0.6 INCH DIAMETER.
2. ALL STRANDS SHALL BE TENSIONED TO 44 KIPS EACH.
3. ANGLE VERTICAL LEGS OF RAILING BAR TO MAKE THEM PLUMB IN PLACE. REFER TO 'BRIDGE RAILING DETAILS (1 OF 3)' FOR ADDITIONAL RAILING DETAILS.
4. SHEAR KEY FACES SHALL BE SAND BLASTED AT THE PRECAST PLANT TO IMPROVE CLOSURE POUR GROUT BOND. IF VISUAL INSPECTION REVEALS LAITANCE OR DEBRIS WITHIN THE SHEAR KEYS WHEN THE BEAMS ARRIVE ON-SITE, THEN THE SHEAR KEY FACES SHALL BE CLEANED BY POWER WASHING OR OTHER METHOD APPROVED BY THE ENGINEER.

PROJECT NAME: ROCKINGHAM
PROJECT NUMBER: BRF 0126(12)

FILE NAME: z101072bdr_girder_3.dgn
PROJECT LEADER: R. HEBERT
DESIGNED BY: S. KELLER
NEXT D BEAM DETAILS (3 OF 3)

PLOT DATE: 8/26/2014
DRAWN BY: D. AXTELL
CHECKED BY: T. POULIN
SHEET 29 OF 69

SEE SHEET 29 VE