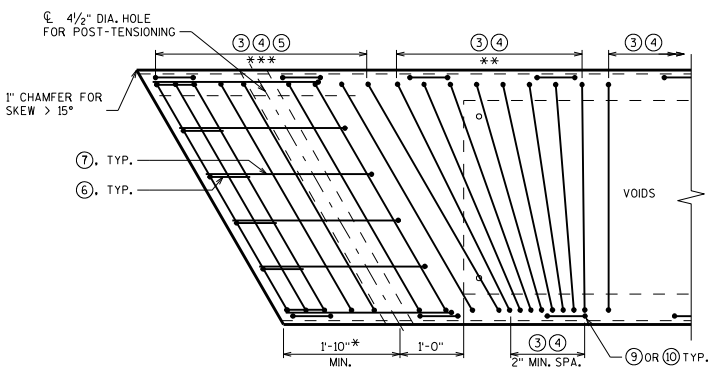
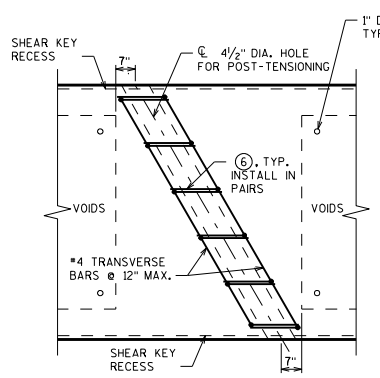
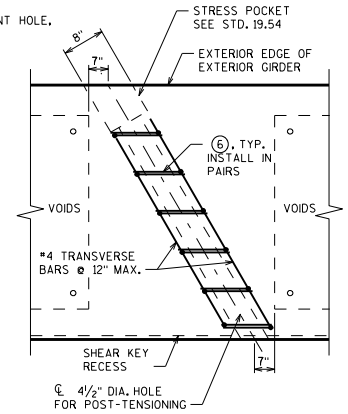


PART GIRDER PLAN WITH SKEW

①, ② & #4 TRANSVERSE BARS NOT SHOWN FOR CLARITY



INTERIOR GIRDER DUCT PLAN



EXTERIOR GIRDER DUCT PLAN

LEGEND

☆ BARS NOT REQUIRED WHEN USED ON GRS ABUTMENTS.

◆ BARS PLACED PARALLEL TO GIRDERS. SPACING IS PERPENDICULAR TO THE ℄ OF THE GIRDERS.

* WHEN WINGS ARE PARALLEL TO ABUTMENT ℄, USE DIMENSIONS TO ALLOW FOR EASE OF POST-TENSIONING OPERATION.

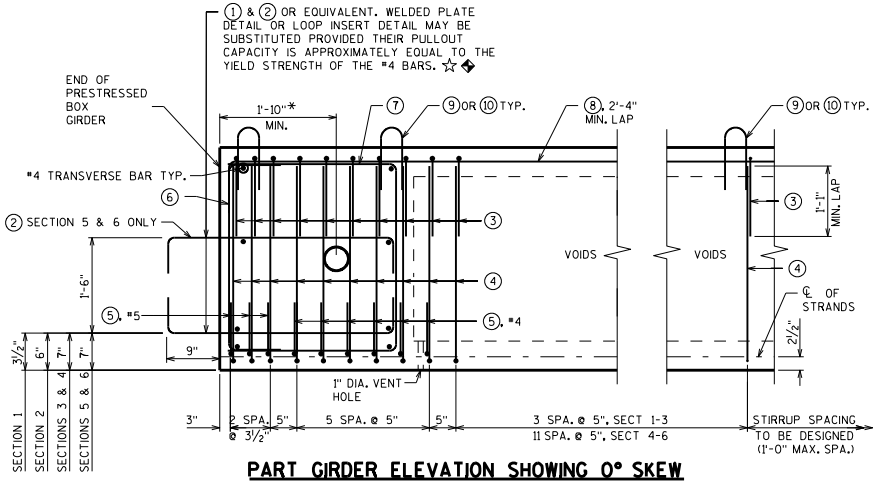
** PLACE AT 5" MAX. SPACING UNTIL PERPENDICULAR TO THE ℄ OF THE GIRDER.

*** PLACE ALONG SKEW FROM END OF PRESTRESSED BOX GIRDER UNTIL ALL END BLOCK BOTTOM STIRRUP BARS, ⑤, ARE PLACED.

DESIGNER NOTES

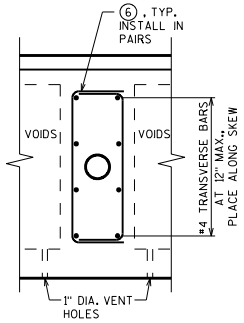
FOR BAR BEND DETAILS, SEE STANDARD 19.50 AND STANDARD 19.51

FOR SKEWED STRUCTURES CAST END OF PRESTRESSED BOX GIRDER ALONG SKEW.

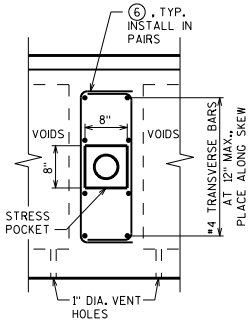


PART GIRDER ELEVATION SHOWING 0° SKEW

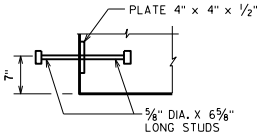
PLACE #4 TRANSVERSE BARS AS SHOWN ALONG SKEW



INTERIOR GIRDER DUCT ELEVATION

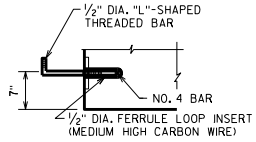


EXTERIOR GIRDER DUCT ELEVATION



WELDED PLATE DETAIL

(EQUIVALENT TO ONE #4 BAR)



LOOP INSERT DETAIL

PRESTRESSED BOX GIRDER DETAILS 1

BUREAU OF STRUCTURES

APPROVED: Bill Oliva

DATE: 1-17

STANDARD 19.52