OPTIONAL NOTCHED END DETAIL

GIRDER END BLOCK
6"
4'-0" Min
1½" Ø HOLES OR 1" Ø INSERT ASSEMBLY
END MAY BE SLOPED AS REQUIRED
6½"
See `Detail B`
C C
D D

NOTE: Girder end block with notch shown, optional girder end block without notch similar.

4-#7 Tot *
3'-10"
NOTCHED END ONLY
END OF GIRDER
1"
#4 Tot 4
1"
1"
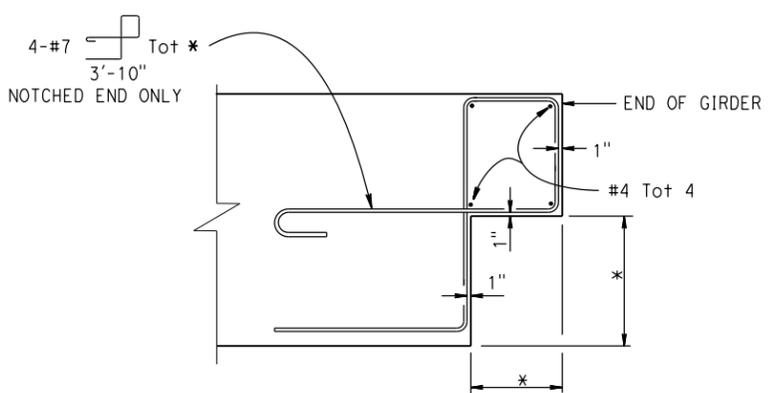
DETAIL B

NOTE: For optional notched end detail only.

* ENGINEER TO FILL IN THESE VALUES, THEN DELETE THIS NOTE

SECTION C-C

FIELD BEND, Typ
1'-6" Min EXTENSION
GIRDER DEPTH "D"
#4
#4 4'-0" 9" @ 6 Max VERTICAL (HOOK AT GIRDER END)
#5 OR STIRRUP
WITH #4 @ 6 Max VERTICAL, SPACE WITH STIRRUPS ALONG #4
4'-0"
#6
4'-0"
#7
See "DETAIL B"
1'-7"

SECTION D-D

FIELD BEND, Typ
#5 STIRRUP WITH #4
#4
#4
#7 Tot *
SEE "DETAIL B"
1'-7"
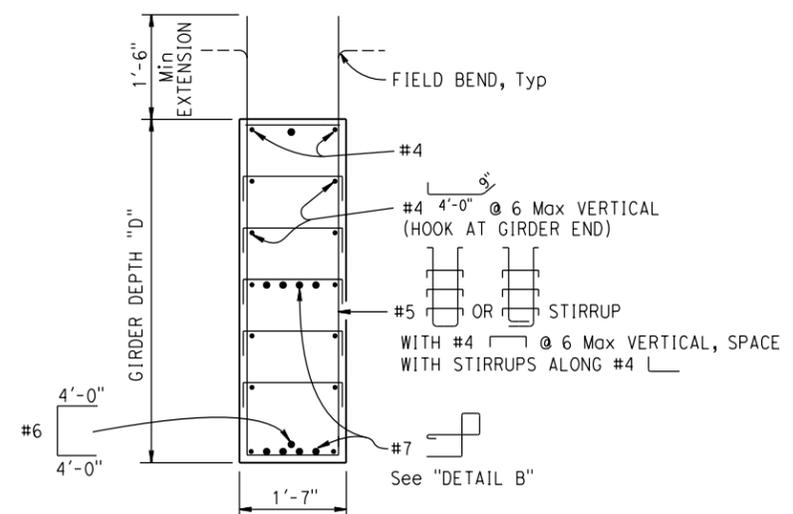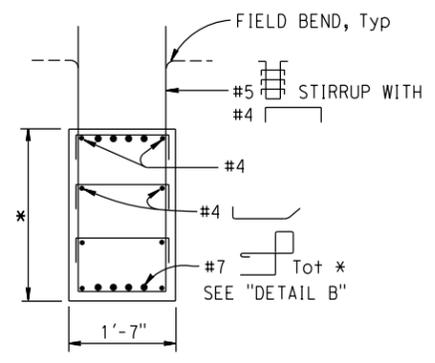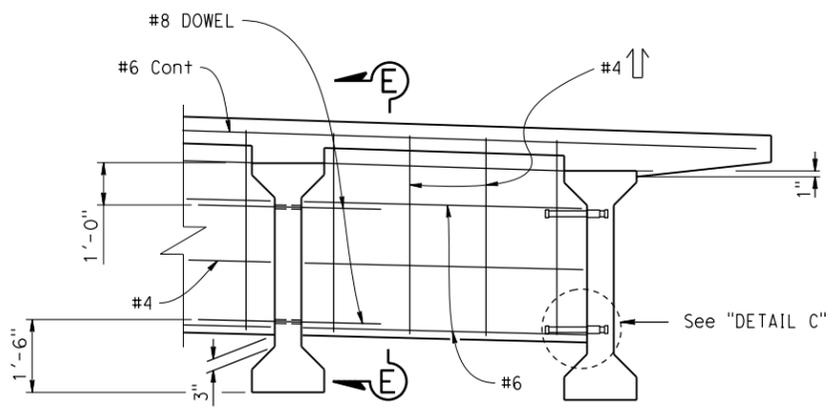
INTERMEDIATE DIAPHRAGM

#8 DOWEL
#6 Cont
#4
E E
1'-0"
1'-6"
3"
#4
#6
1"
See "DETAIL C"

SECTION E-E

#5 x 6'-0" @ 12 CENTERED ON DIAPHRAGM
4" FILLET, Typ
#4 @ 15 Max
#6 Cont, Tot 2
#6 Tot 4 BETWEEN GIRDERS
#8 DOWEL
#4 @ 18 Max BETWEEN GIRDERS
8"
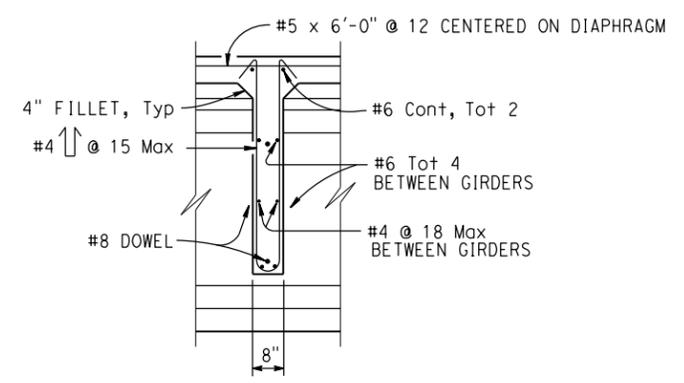
NOTE: Diaphragm may be vertical or normal to deck grade.

DETAIL C

OUTSIDE FACE OF EXTERIOR GIRDER
2¾" Min
1" Min
1" ** Clr
1" STEEL HEX NUT
** DIMENSION MAY BE INCREASED WHEN INSERT ASSEMBLY IS USED AT END BLOCK
1"Ø x 1'-0" BOLT
1" Min
1"Ø x 1'-0" (Max) BOLT

WELDED WIRE REINFORCEMENT (WWR) ALTERNATIVE

D20 @ 12 (D20 X W8 WWR)
D31 x D12 STIRRUP, EACH SIDE
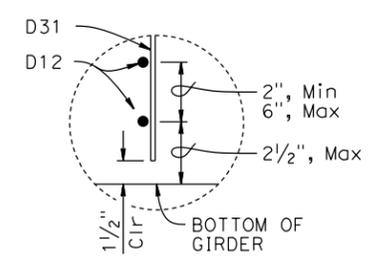D20 MATCH STIRRUP SPACING (D20 X W8 WWR)
SEE "DETAIL A"
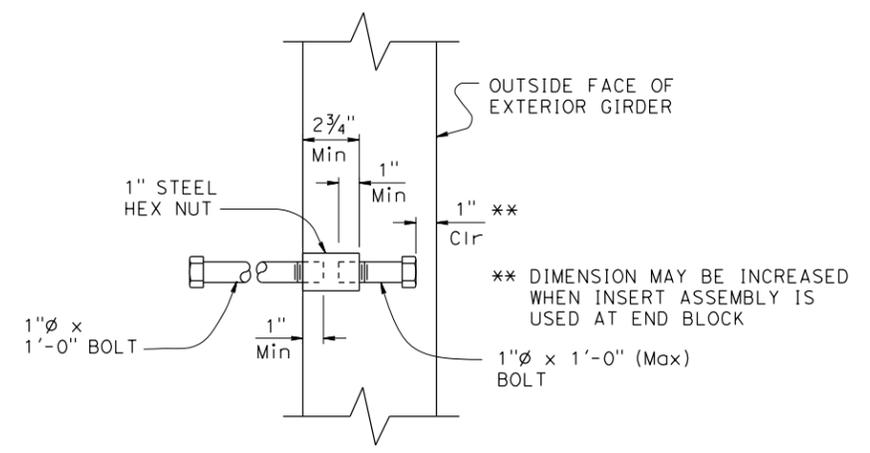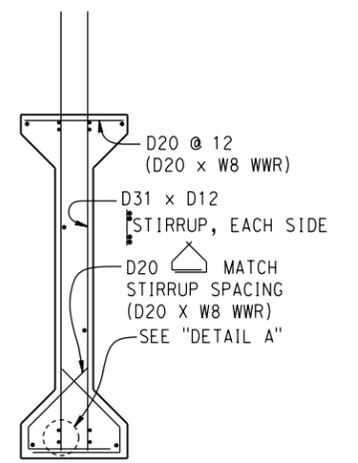
NOTES:
1. For details not shown, see `SECTION A-A` and `TYPICAL GIRDER SECTION` on "PC/PRETENSIONED I GIRDER" sheet.
2. W8 WWR not shown.

DETAIL A

D31
D12
2", Min 6", Max
2½", Max
1½" Clr
BOTTOM OF GIRDER

NOTES:
1. Bottom of stirrup WWR detail shown, top similar.
2. Longitudinal wire area shall be 40% or greater of vertical deformed wire's area.

NO SCALE