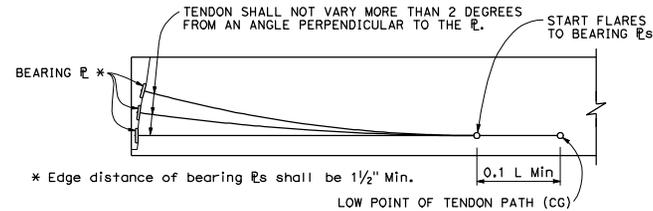


LEGEND:
 ○ - Denotes beginning or end of tendon horizontal angle change (BC, EC or PCC)

PLAN
DUCT TIES AT TENDON HORIZONTAL ANGLE CHANGES
DETAIL 5-1



ELEVATION - BEARING PLATE AND PRESTRESSING PATH
DETAIL 5-2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

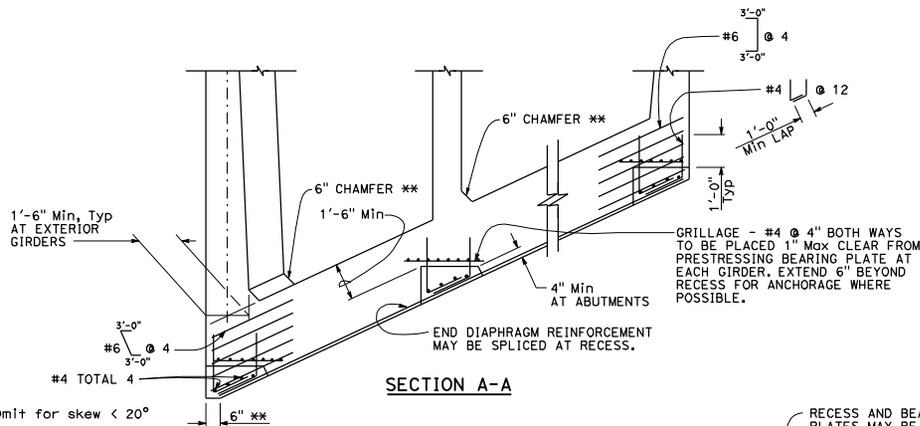
REGISTERED CIVIL ENGINEER
 Marc Friedheim
 No. C57968
 Exp. 6-30-14
 CIVIL
 STATE OF CALIFORNIA

July 19, 2013
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

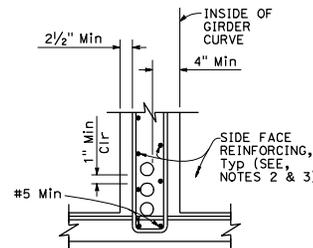
TO ACCOMPANY PLANS DATED _____

NOTES FOR DETAIL 5-1

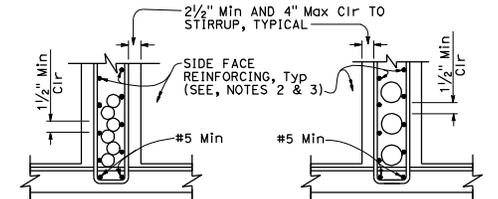
1. Tendon horizontal angle change at end diaphragm shown. Duct tie placement similar for other locations where tendon horizontal angle changes occur. For curved girders place duct ties at tendon angle changes where tendon radius is smaller than tendon radius.
2. Adjacent duct ties may be staggered to facilitate placement if stirrup spacing is less than 12 inches.
3. Place closed end of duct ties toward inside of tendon curve.
4. Wrap duct ties around both stirrup legs.
5. Individual duct ties may only be used to anchor one duct.



PRESTRESS ANCHORAGE DETAILS AT END DIAPHRAGMS
DETAIL 5-3



DUCTS 4 1/2" OD AND LESS FOR HORIZONTAL CURVE
RADIUS ≤ 2000'



DUCTS 4 1/2" OD AND LESS **DUCTS OVER 4 1/2" OD**

CLEARANCE REQUIREMENTS FOR DUCTS
DETAIL 5-4

NOTES FOR DETAIL 5-4:

1. Stirrups may also be used.
2. For additional details, see Standard Plan B7-1, and Project Plans.
3. Bar reinforcing which interferes with prestressing ducts may be adjusted as approved by the Engineer.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

CAST-IN-PLACE POST-TENSIONED GIRDER DETAILS
 NO SCALE

RSP B8-5 DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN B8-5 DATED MAY 20, 2011 - PAGE 291 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP B8-5

2010 REVISED STANDARD PLAN RSP B8-5