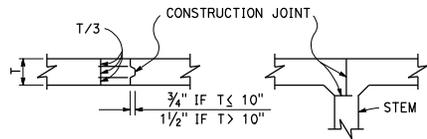
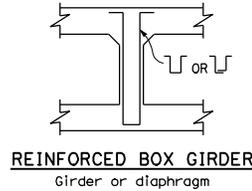


**ALTERNATIVE DECK
CONSTRUCTION JOINTS**

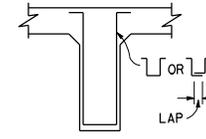


BRIDGE DETAIL 5-2
Top or bottom slab

BRIDGE DETAIL 5-3

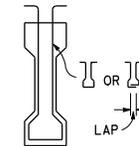


REINFORCED BOX GIRDER
Girder or diaphragm



T-BEAM
Girder, bent cap or diaphragm

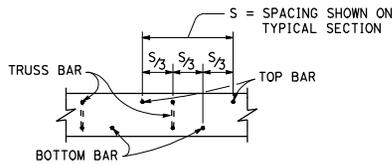
A reinforcement bar must be placed inside of each stirrup hook or 90° bend.



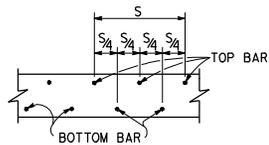
PRECAST GIRDER

STIRRUP SIZE	LAP
#4	5"
#5	6"
#6	7 1/2"
#7	9"
#8	10"

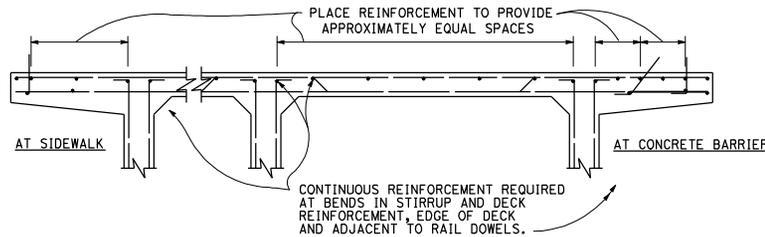
BRIDGE DETAIL 5-5
ALTERNATIVE STIRRUPS



BRIDGE DETAIL 5-10



BRIDGE DETAIL 5-11
**TRANSVERSE DECK REINFORCEMENT
SPACING DIAGRAMS**



BRIDGE DETAIL 5-15
TOP GIRDER REINFORCEMENT

NOTES:

1. In simple spans, transverse joints are not permitted unless approved by the Engineer.
2. In continuous spans, transverse joints may be located at about the 1/4 point of the span.
3. Reinforcing steel shall be continuous through all construction joints.
4. Longitudinal joints shall be located at the edge of a traffic lane unless otherwise permitted by the Engineer.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

Matthew Roghaventrosky

No. CS1119

PLANS APPROVAL DATE

May 20, 2011

Exp. 9-30-11

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.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS

NO SCALE

BO-5