

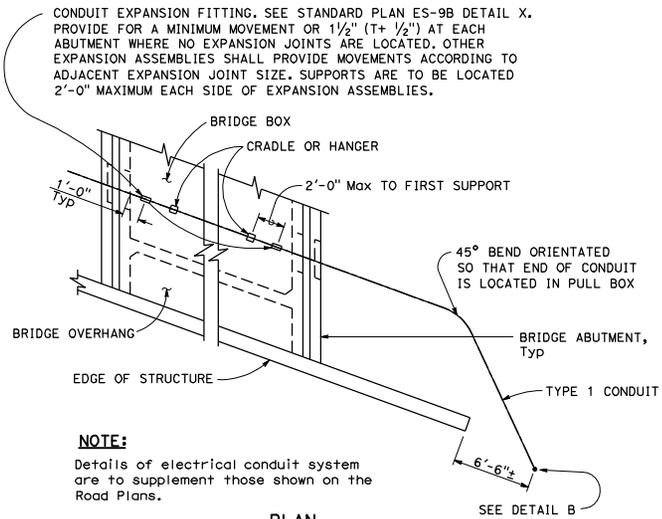
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

Lawrence L. Fowdler
REGISTERED ELECTRICAL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

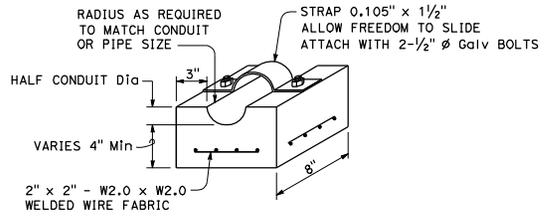
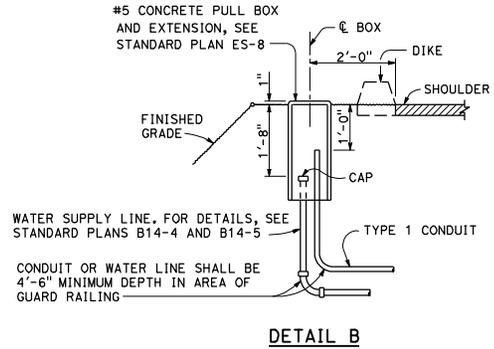
J.S. Sandhu
No. E11803
Exp. 9-30-12
ELECTRICAL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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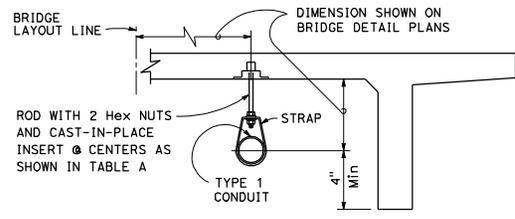
**PLAN
COMMUNICATION OR
SPRINKLER CONTROL CONDUITS**

NOTE:
Details of electrical conduit system are to supplement those shown on the Road Plans.

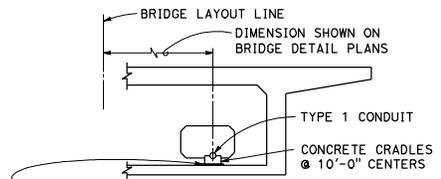


- NOTES:**
1. Cradles to be precast concrete.
 2. Secure all cradles to bottom slab of bridge with epoxy adhesive, except as provided below.

CONCRETE CRADLE



**OTHER THAN BOX GIRDER
CONDUIT HANGER SUPPORT DETAILS**

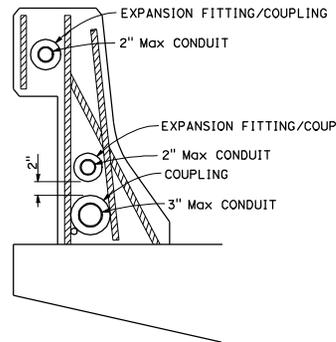


**BOX GIRDER
CONDUIT SUPPORT DETAILS**

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

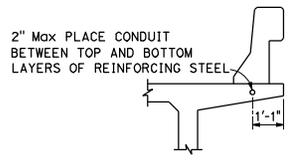
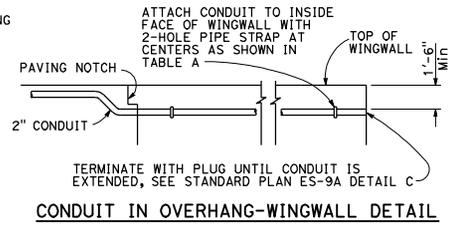
**COMMUNICATION AND
SPRINKLER CONTROL CONDUITS
(CONDUIT LESS THAN 4")**

NO SCALE



CONDUIT IN BRIDGE RAILING

- NOTES:**
1. The maximum conduit sizes shown are for a straight run across the bridge without pull boxes.
 2. In a bridge railing with lighting standards or pull boxes, reduce size of affected conduits as needed.



CONDUIT LOCATIONS

(For 2" conduit only except as noted)
For location see Bridge Detail plans.

TABLE A

CONDUIT	2 1/2" OR LESS	3"	3 1/2"
ROD	3/8" Ø	1/2" Ø	5/8" Ø
STRAP	0.090" x 1"	0.090" x 1"	0.105" x 1 1/2"
SUPPORT SPACING	10'-0"	10'-0"	10'-0"