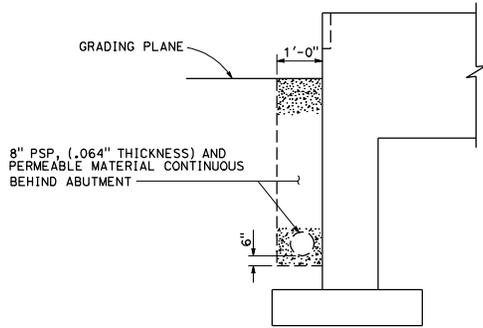
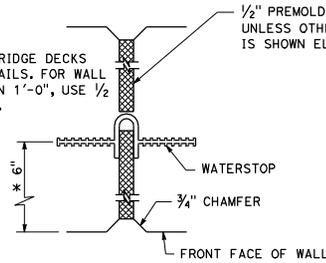


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
					
May 20, 2011 PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

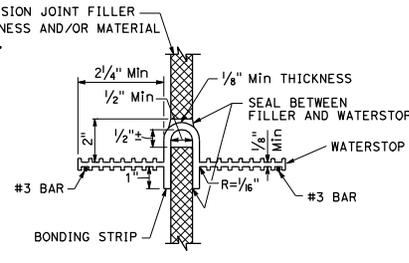


BRIDGE DETAIL 3-5
8" PSP AND PERMEABLE MATERIAL

* FOR PLACEMENT IN BRIDGE DECKS SEE JOINT SEAL DETAILS. FOR WALL THICKNESS LESS THAN 1'-0", USE 1/2 THE WALL THICKNESS.



BRIDGE DETAIL 3-4
WALL EXPANSION JOINT

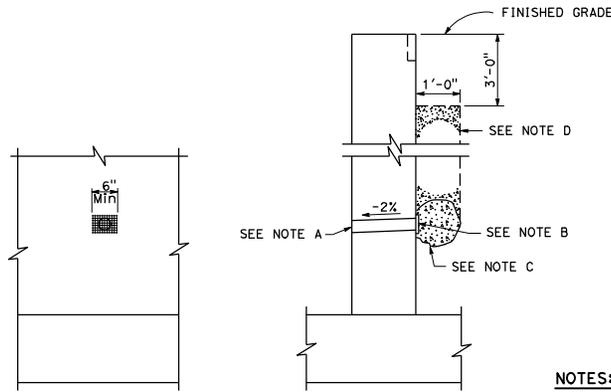


BRIDGE DETAIL 3-6
WATERSTOP

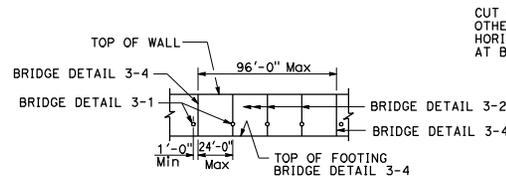
NOTES:

Holes will be permitted in the outer 1/2" of the web for wire, rings, etc. Tie web to #3 reinforcing bars @ 12 maximum intervals to support the waterstop in proper position during concrete placement. Alternative detail may be submitted for approval of the Engineer.

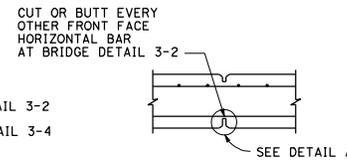
Waterstop to have 5 or more pairs of raised ribs to provide 0.1 square inches minimum rib cross-section area on each half of the waterstop.



ELEVATION
SECTION
BRIDGE DETAIL 3-1
WEEP HOLE AND PERVIOUS BACKFILL

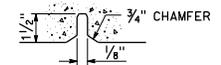


BRIDGE DETAIL 3-3
WALL EXPANSION JOINTS AND WEAKENED PLANES



SECTION
BRIDGE DETAIL 3-2

JOINT MAY BE FORMED WITH 1/8" HARDBOARD AND CUT BACK TO THE ROOT OF THE CHAMFER ON THE EXPOSED FACE.



DETAIL A

BRIDGE DETAIL 3-2
WEAKENED PLANES

NOTES:

- A. 4" ϕ Drains @ 25'-0" maximum center to center, 9'-0" center to center for Type 3 and 9'-3" center to center for Type 4 retaining walls. For walls adjacent to sidewalks or curbs, provide 4" plastic pipe under the sidewalk to discharge thru curb face. Exposed wall drains shall be located 3" above finished grade.
- B. 6" square aluminum or galvanized steel wire 1/4" mesh hardware cloth, minimum wire diameter 0.025". Anchor firmly to backface.
- C. One cubic foot pervious backfill material in a nonwoven filter fabric, securely tied.
- D. Pervious backfill material continuous behind retaining wall or abutment.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS

NO SCALE

B0-3