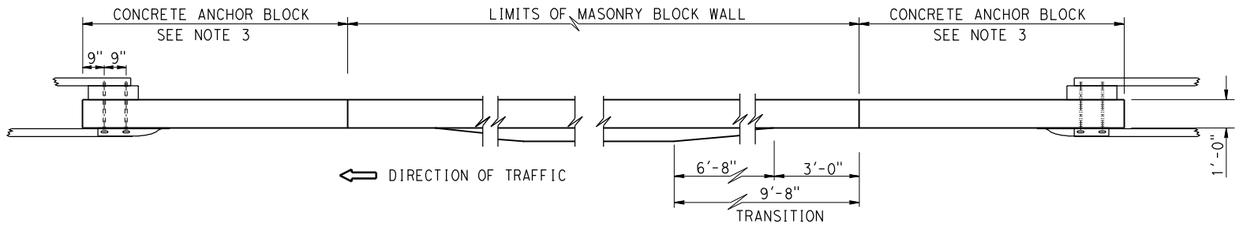
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

REGISTERED CIVIL ENGINEER X DATE

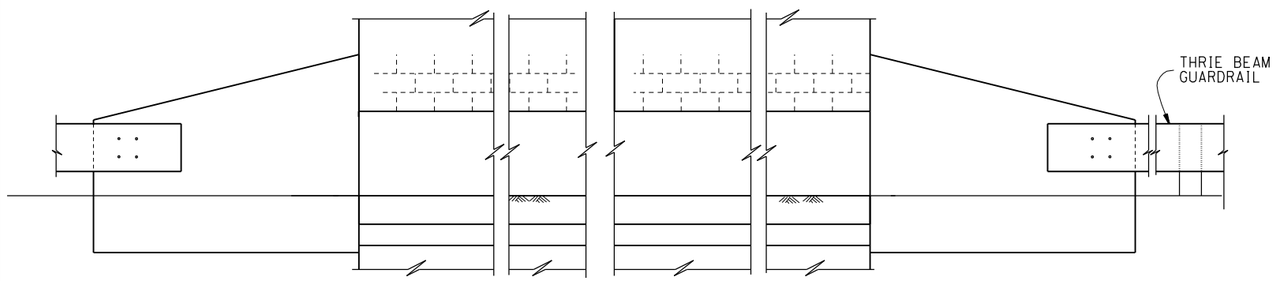
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER X NO. X EXP. X CIVIL STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



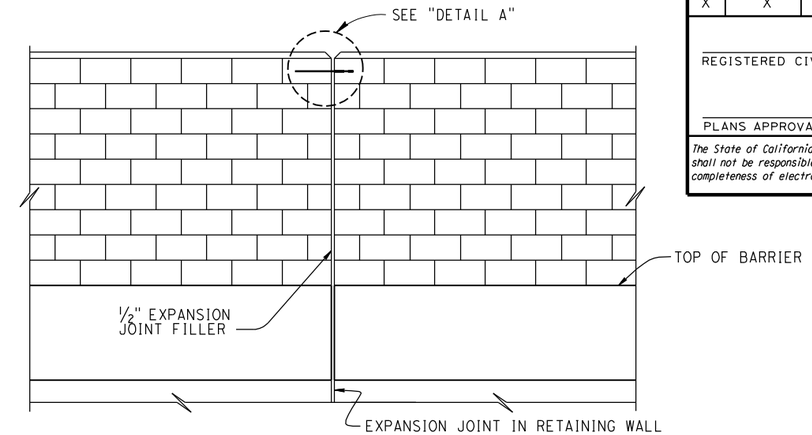
PLAN



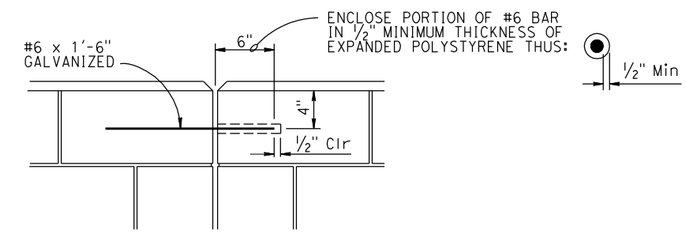
ELEVATION

METAL BEAM GUARDRAIL ANCHORAGE

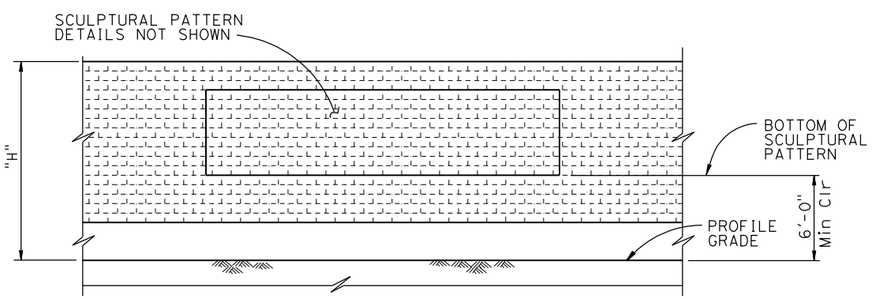
For details not shown, see STANDARD PLAN B11-56



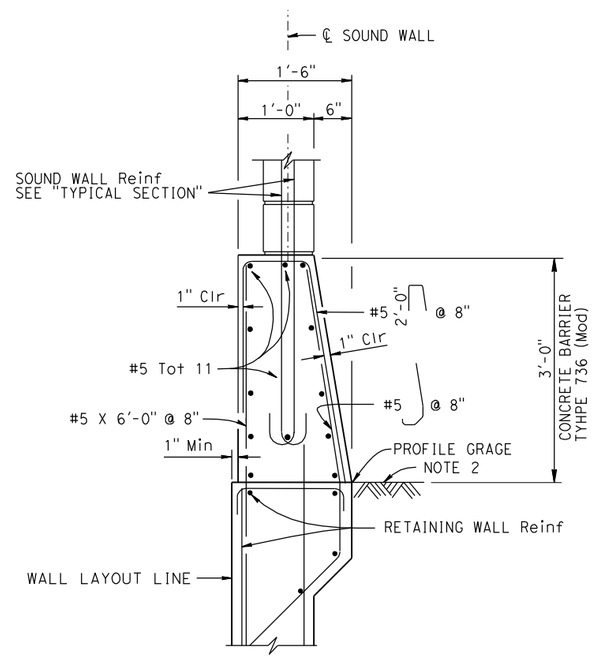
ALIGNMENT KEY DETAIL



DETAIL A



CLEARANCE DETAIL



BARRIER SECTION

DESIGN NOTES

DESIGN

Uniform Building Code, 1997 Edition and the Bridge Design Specifications

DESIGN WIND LOAD

33 psf

DESIGN SEISMIC LOAD

0.57 Dead load

REINFORCED CONCRETE

f'c = 3600 psi
fy = 60 ksi

CONCRETE MASONRY

REGULAR STRENGTH	HIGH STRENGTH	
f'm = 1500 psi	f'm = 2000 psi	f'm = 2500 psi
fb = 495 psi	fb = 660 psi	fb = 830 psi
fs = 24,000 psi	fs = 24,000 psi	fs = 24,000 psi
n = 25.8	n = 19.3	n = 15.5

NOTES:

1. For details not shown, see STANDARD PLAN B15-6
2. Slope ground at traffic side of barrier to drain. Maximum slope ±10% See STANDARD PLAN B11-56, Note D
3. For Concrete Anchor Block and connection details, see "CONNNECTION DETAIL DD" on STANDARD PLAN A77J3

NO SCALE

X

STANDARD DRAWING

FILE NO. xs15-130-2

APPROVAL DATE July 2011

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO. X

POST MILE X

MASONRY BLOCK SOUND WALL W/BARRIER ON RETAINING WALL

DETAILS NO. 2

DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X

CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES

SHEET X OF X

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME