

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		

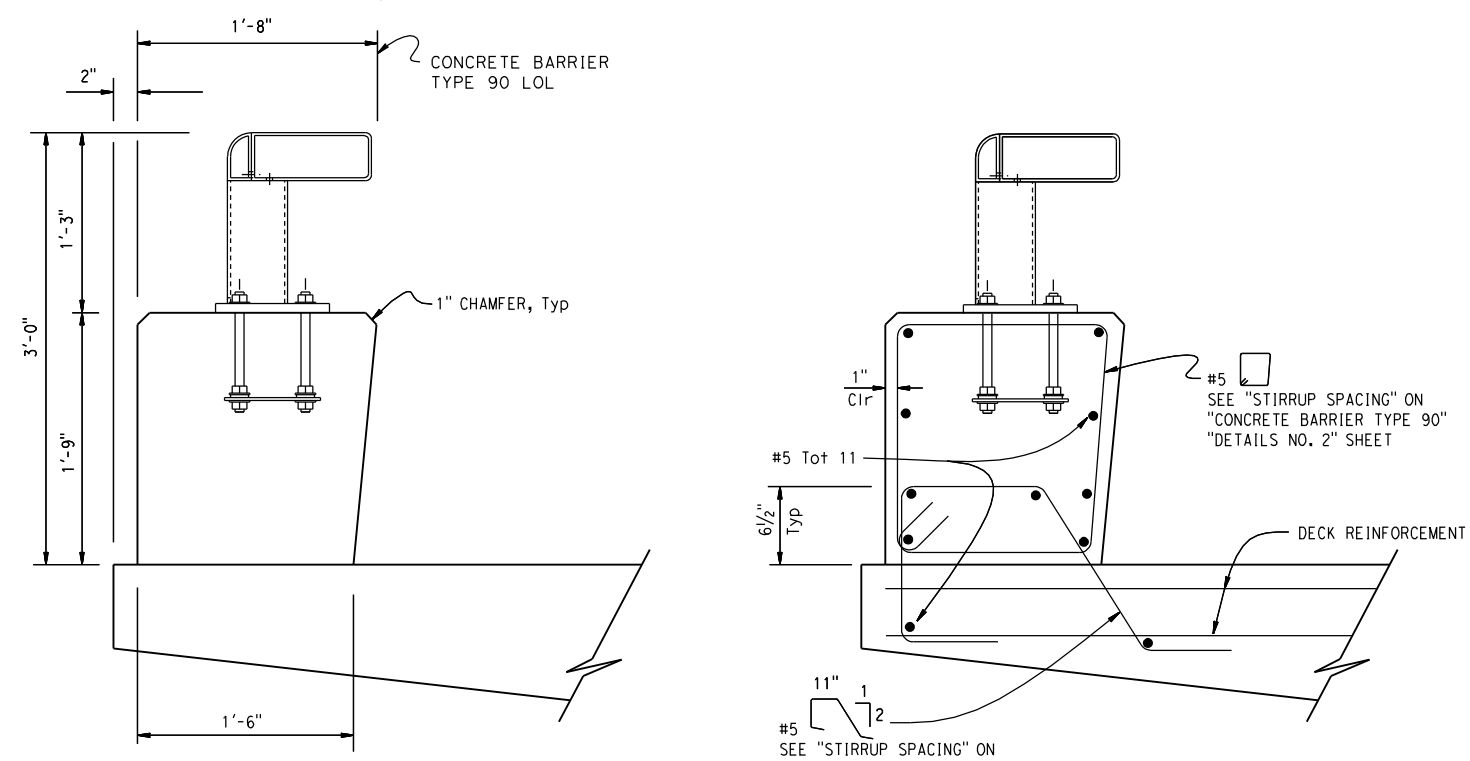
REGISTERED PROFESSIONAL ENGINEER	X
No.	X
Exp.	X
CIVIL	
STATE OF CALIFORNIA	

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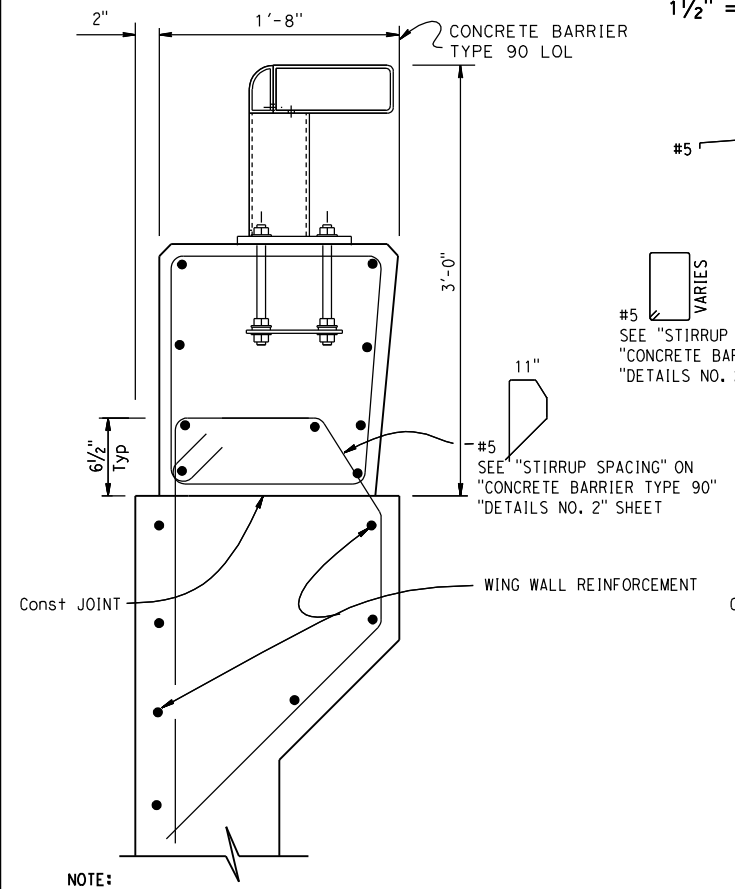
**GENERAL NOTES:**

- All structural steel shall be galvanized after fabrication
- Anchor bolts may be tack welded (shop or field) to anchorage
- All rough edges on posts and rails shall be ground smooth
- Tubing shall be bent or fabricated to fit horizontal curve when radius is less than 896'
- After installation of rail, the exposed rail bolt threads shall be painted with two coats of zinc rich paint conforming to the requirement of Section 75-1.05 galvanizing of the Standard Specifications
- The alternative welded splice may be used in lieu of the Standard Splice
- Each rail length shall be continuous over a minimum of two posts
- The Contractor shall check that the tubular sleeves splices conform to the dimensions indicated to assure proper clearance
- Except for expansion splices, not more than one splice shall be permitted per same side of post
- See "PROJECT PLANS" for approach guard railing details

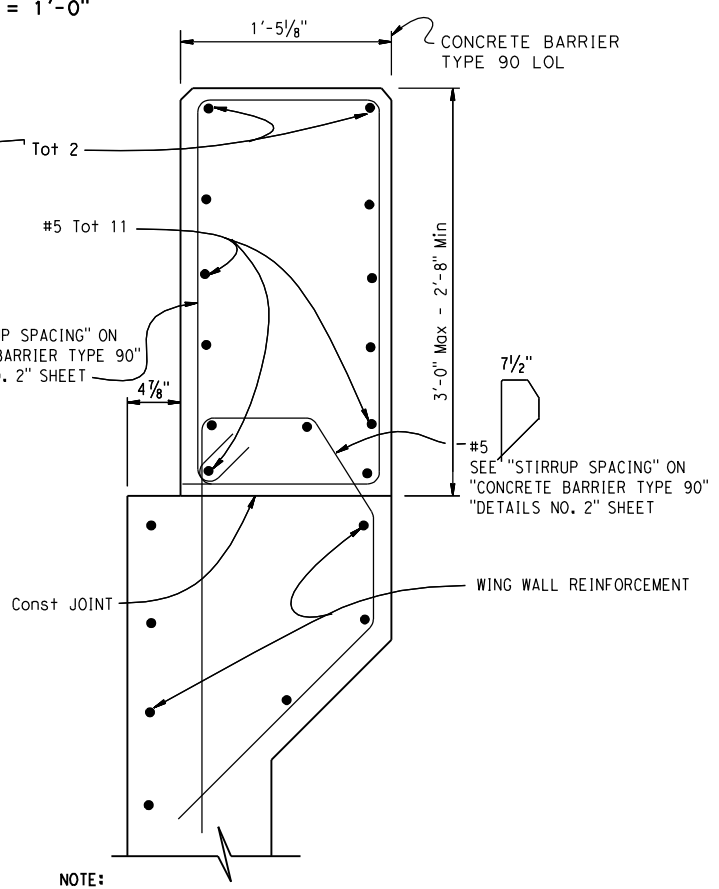
**NOTE:**  
For rail details, see "CONCRETE BARRIER TYPE 90", "DETAILS NO. 3" sheet



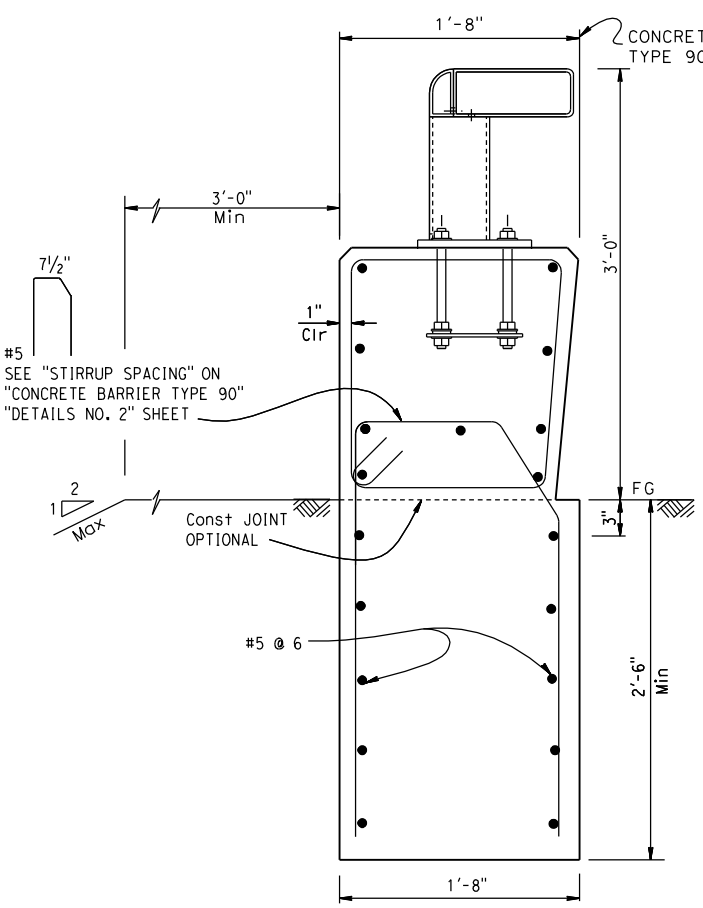
**TYPE 90**  
1/2" = 1'-0"



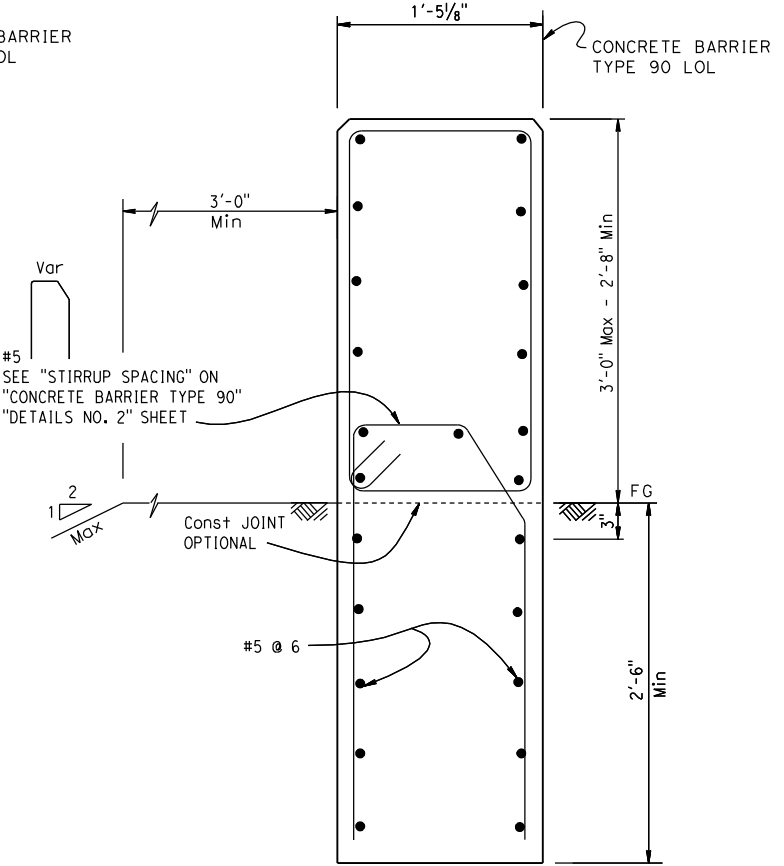
**TYPE 90A-1**  
1/2" = 1'-0"



**TYPE 90A-2**  
1/2" = 1'-0"



**TYPE 90B-1**  
1/2" = 1'-0"



**TYPE 90B-2**  
1/2" = 1'-0"

STANDARD DRAWING
FILE NO. <b>xs16-050-1</b>
APPROVAL DATE X-X-X

STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES
DEPARTMENT OF TRANSPORTATION	

BRIDGE NO.	X
POST MILE	X

<b>X</b>	
<b>CONCRETE BARRIER TYPE 90</b>	
<b>DETAILS NO. 1</b>	

DATE PLOTTED => \$DATE USERNAME => \$USER