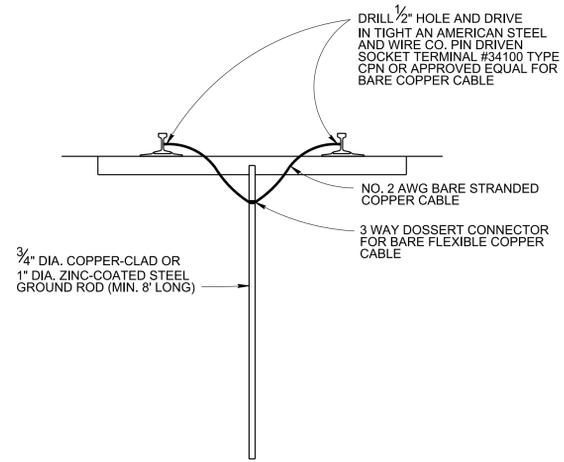
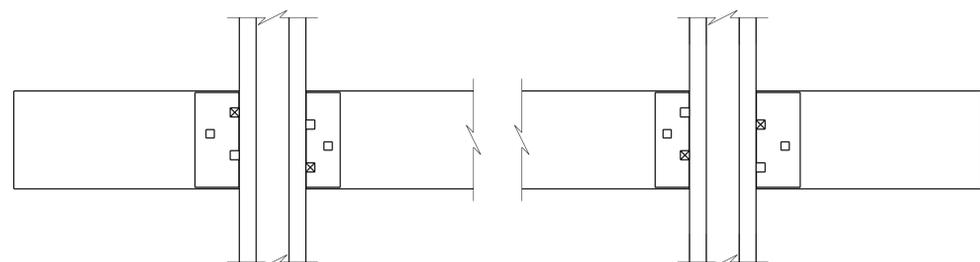


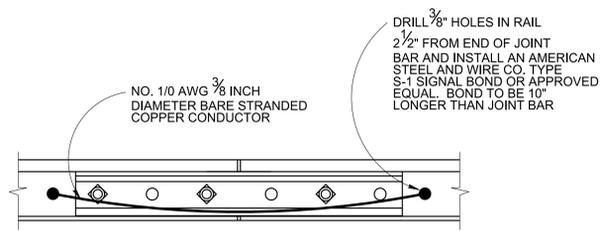
22 TIES PER 39-FOOT RAIL
16 ANCHORS PER 39-FOOT LENGTH OF TRACK
TIE SPACING & RAIL ANCHOR PLAN
NO SCALE



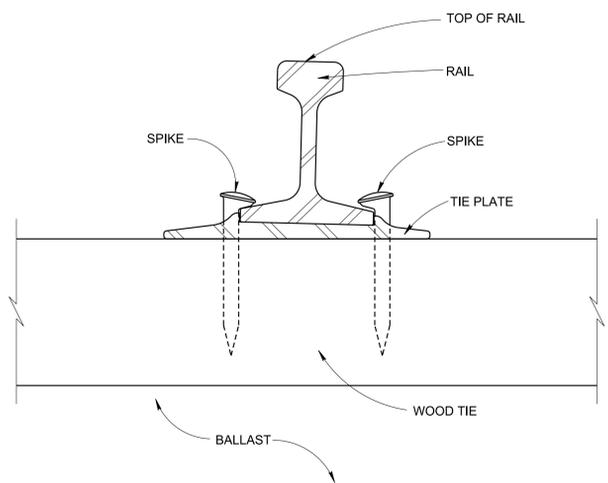
RAIL GROUND DETAIL
NO SCALE



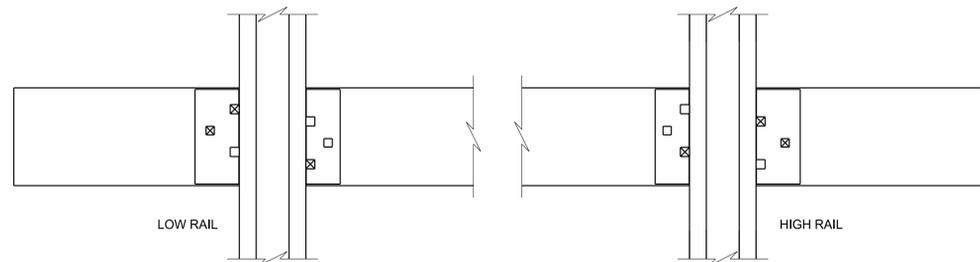
TANGENT TRACK AND CURVED TRACK (LESS THAN 4 DEGREES)



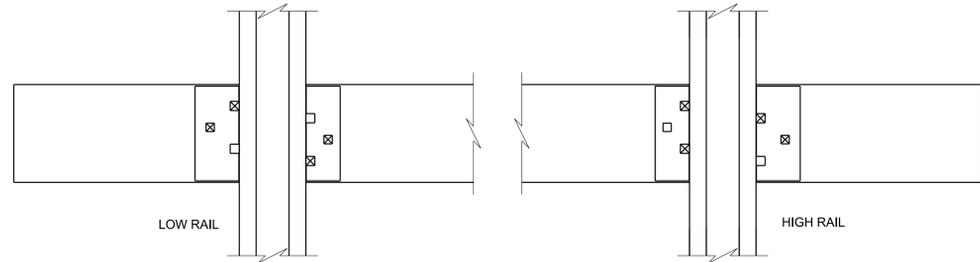
RAIL BONDING DETAIL
NO SCALE



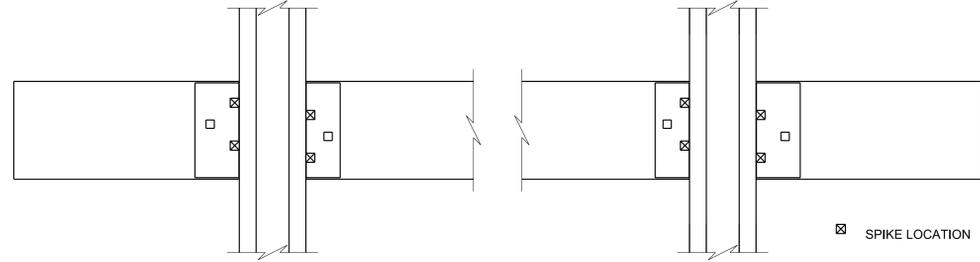
TRACK DETAIL
NO SCALE



CURVED TRACK (GREATER THAN 4 DEGREES, LESS THAN 8 DEGREES)



CURVED TRACK (8 DEGREES AND GREATER)



TIMBER OR RUBBER RAILROAD GRADE CROSSING
TYPICAL SPIKING PLANS
NO SCALE

\$\$ - THINK VALUE ENGINEERING - \$\$

Revisions			
Symbol	Descriptions	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA			
Designed by:	X		X
Drawn by:	X		X
Checked by:	X		
Reviewed by:	X		
Submitted by:	X		
Chief:	X	Section	

Plot Scale Ratio:	1:1	Date:	DECEMBER 1997	Sheet reference number:
Design File:	C105.DGN			
Spec. No.:	DACA 45	Drawing Code:		
Contract No.:	DACA 45		X	C1.05

COMPUTER
AIDED
DESIGN &
DRAFTING