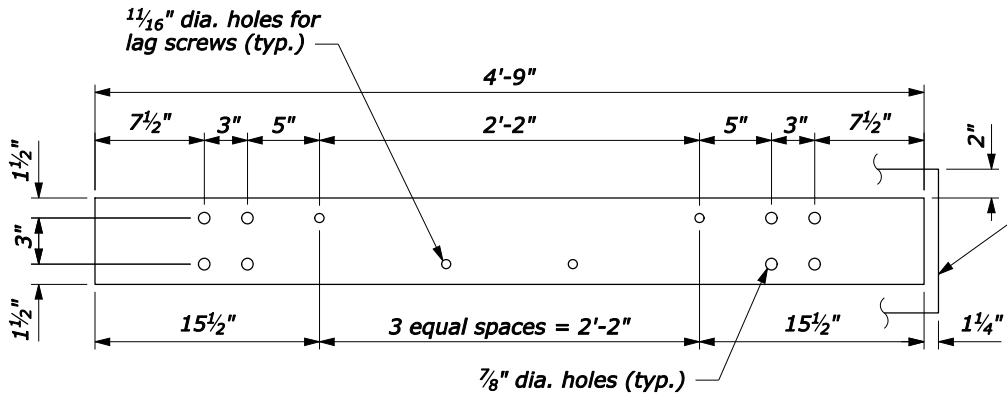
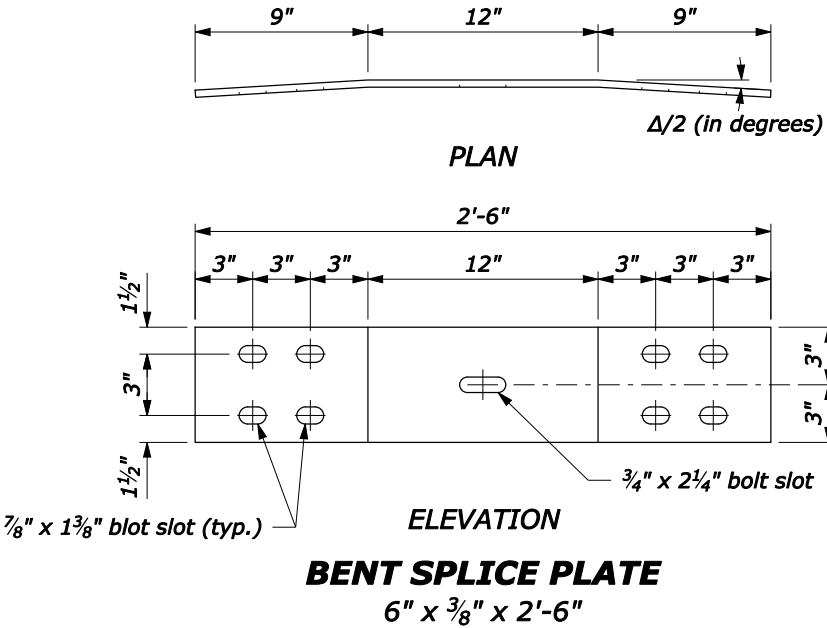
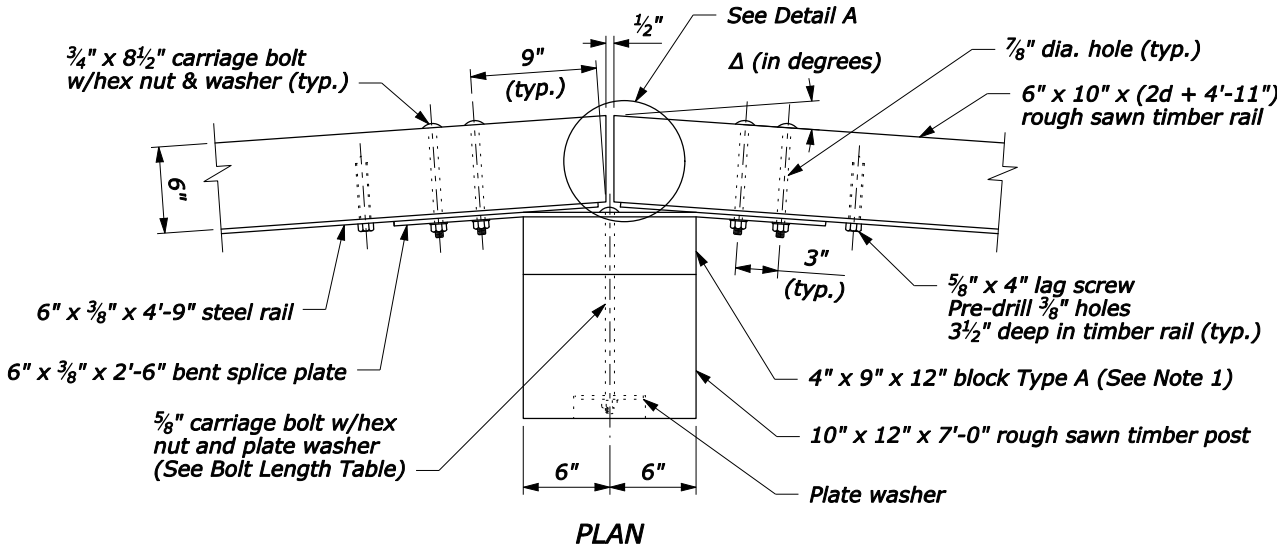
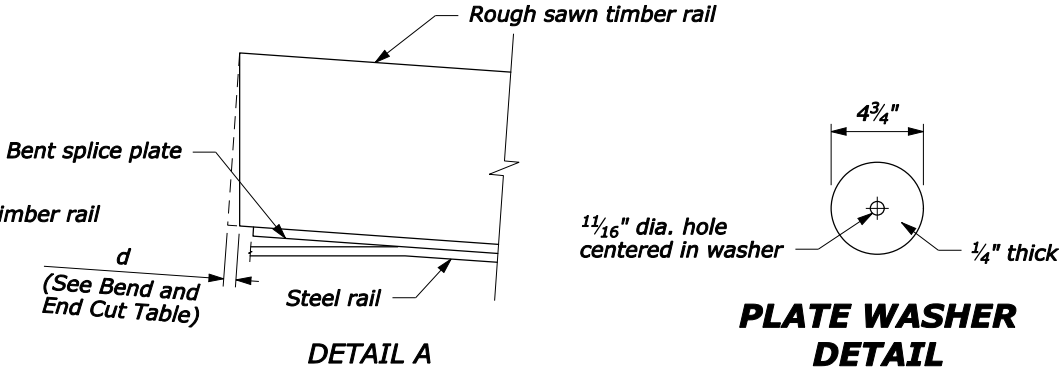


NOTE:

1. Use the Type A, blocked-out, system or the Type B, non-blocked-out, system as specified.
2. Use the weathering steel for all structural steel and fastener hardware.
3. Furnish shop bent splice plates. Use the minimum bend angle shown in the table below.
4. See Sheet 2 of 2 for Plan View Layout.



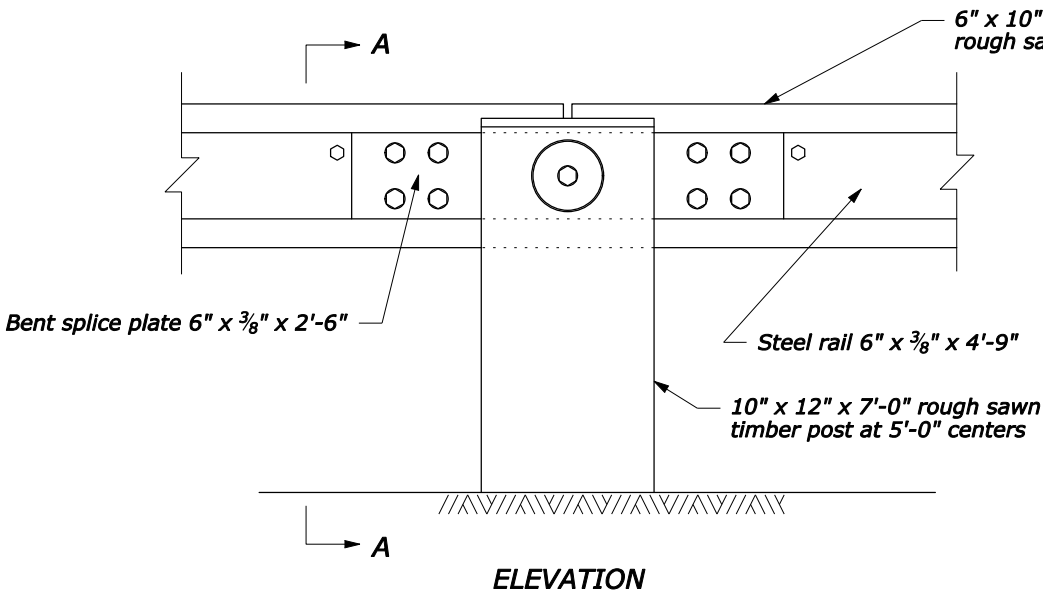
STEEL RAIL
6" x 3/8" x 4'-9"



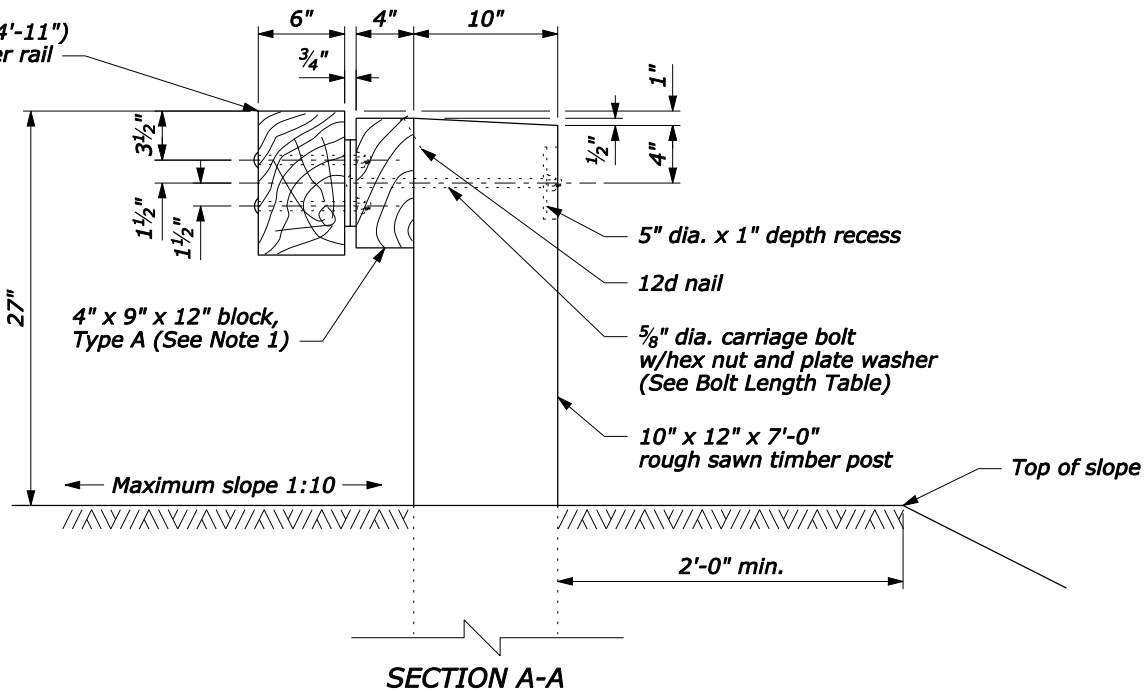
BENT SPLICE PLATE
6" x 3/8" x 2'-6"

BEND AND END CUT TABLE		
Radius R ft	Δ/2 degrees	d in
20	7.18	3/4
25	5.74	5/8
30	4.78	1/2
35	4.10	7/16
40	3.58	3/8
45	3.18	1/3
50	2.87	5/16
55	2.61	1/4
60	2.39	1/4
65	2.20	1/4
70	2.05	1/4
over 70	flat	0

BOLT LENGTH TABLE	
Type A (Block-out)	Type B (No Block-out)
15"	11"



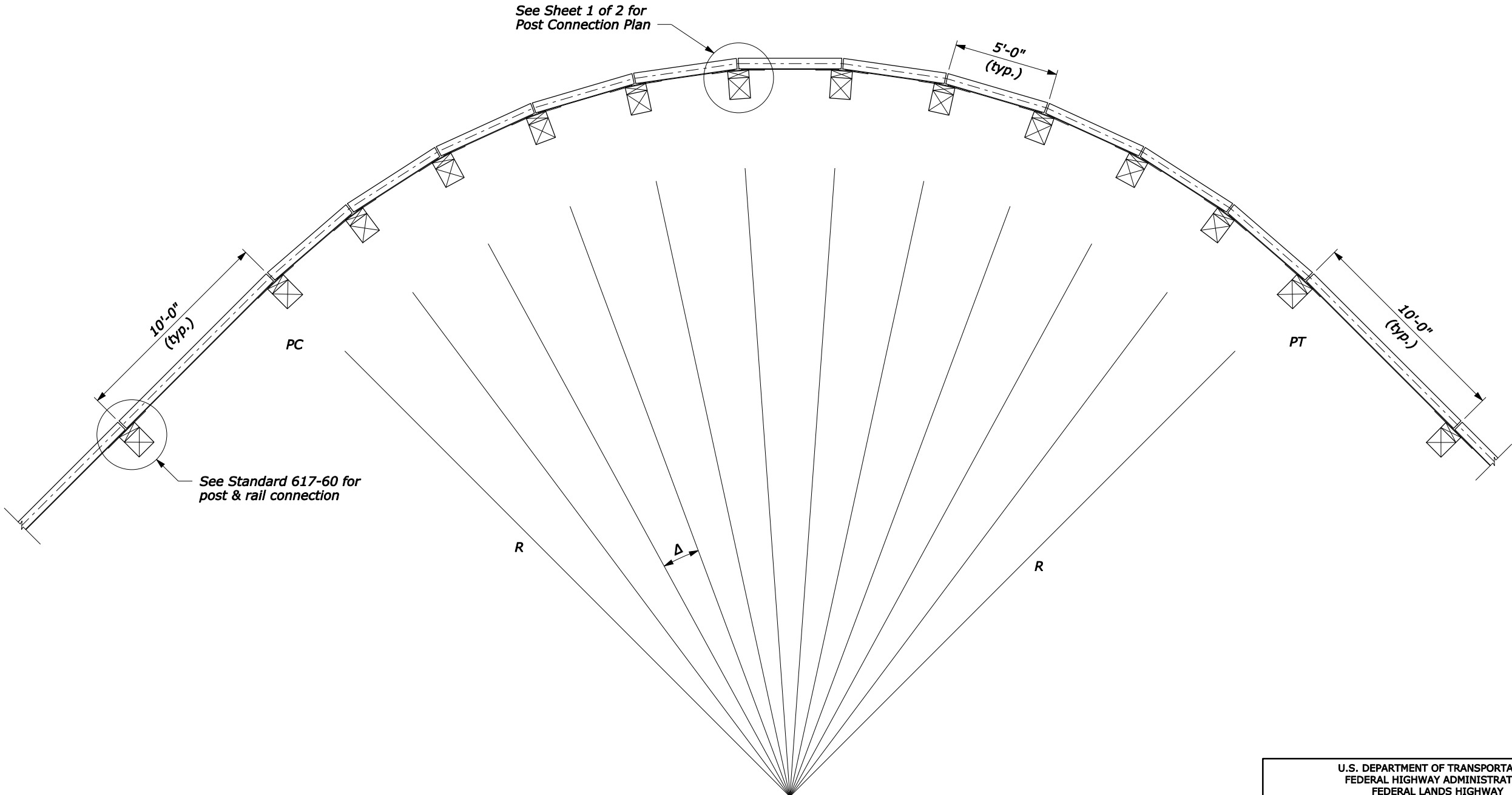
POST CONNECTION



SECTION A-A

NOTE:

- 1. Δ is the central angle which subtends a 5'-0" chord.
- 2. R is measured from the center of the circle to the back surface of the rough sawn timber rail.



PLAN VIEW LAYOUT

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
U.S. CUSTOMARY STANDARD	
STEEL-BACKED TIMBER GUARDRAIL AROUND CIRCULAR CURVES 70 FOOT RADIUS AND BELOW	
Sheet 2 of 2	
STANDARD APPROVED FOR USE 6/2005	STANDARD
REVISED:	617-63