

24" MIN. (610) - STD. FLAT WASHER STEEL PLATE BEAM -GUARDRAIL BOLT NOT TO EXTEND MORE THAN 1/4 (6) PAST NUT POST BOLT W/STD. HEX NUT (NO WASHER THIS SIDE) SLOPE 1:2 OR FLATTER SLOPE 1:15 -OR FLATTER 31/2 (90) Ø HOLES -CENTERED IN POST 28 6 (150) × 8 (200) WOOD POST -

SECTION A-A

EDGE OF SHOULDER -

GENERAL NOTES

OF THE CURVE.

NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACMENT (V: H).

3. FOR THE 8^{\prime} -6 $^{\prime\prime}$ (2.59 M) RADIUS, THE RAIL IS NOT BOLTED TO THE POST LOCATED AT THE MIDPOINT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)						
R	NO. OF WOOD POSTS	Х	Υ			
8'-6'' (2 . 59)	5 (NOTE 3)	25′ (7 . 6 m)	15′ (4.6)			
17'-0'' (5.18)	6	30′ (9 . 1 m)	15′ (4.6)			
25′-6′′ (7.77)	8	40′ (12 . 2 m)	20′ (6 . 1)			
35′-0′′ (10 . 67)	11	50′ (15 . 2 m)	20′ (6 . 1)			

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JCN	REVISED -		CURVED GUARDRAIL DETAILS		F	.A.S.	SECTION	COUNTY	TOTAL	SHEET
\$FILEL\$		DRAWN - CAD	REVISED -	STATE OF ILLINOIS			<u> </u>	2600	17RS-6 & 18RS-12	PIKE	32	32
	PLOT SCALE = \$SCALE\$	CHECKED - JCN	REVISED -	DEPARTMENT OF TRANSPORTATION			F	.000	11110 0 01 10110 12	CONTRAC		72D77
	PLOT DATE = \$DATE\$	DATE - 2/23/99	REVISED -	1	SCALF:	SHEET NO. 1 OF 1 SHEETS STA. TO	STA. F	EED ROAD	DIST NO TILINOIS FED A	ATD PROJECT		