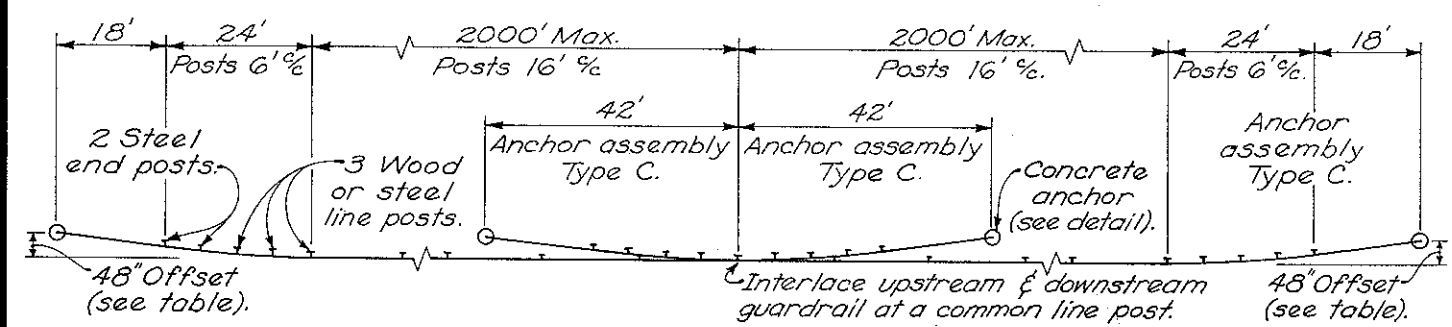
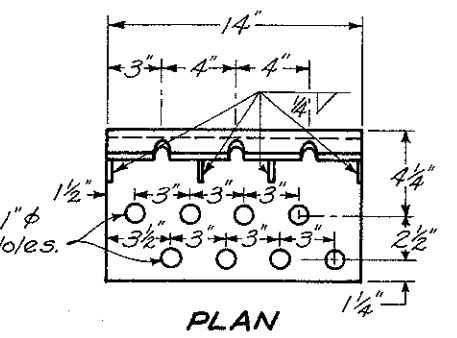
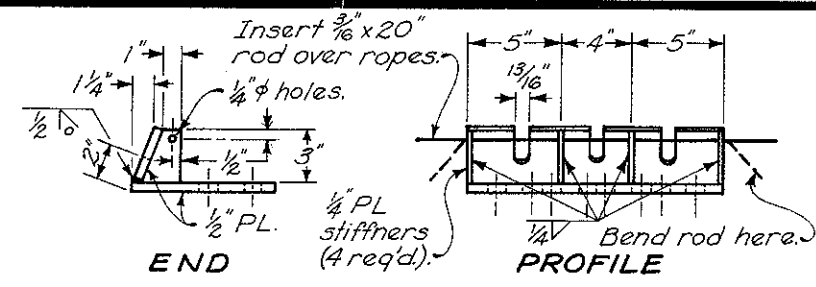


FLARE FOR ANCHOR ASSEMBLY, TYPE C		
Tangent	Offset	Rail height
0'	0"	30"
6'	2"	30"
12'	6"	30"
18'	12"	30"
24'	20"	27"
42'	48"	0"

ANCHOR ASSEMBLY TYPE C



PLAN SCHEMATIC LAYOUT



BREAKAWAY ANCHOR ANGLE

GUARDRAIL, TYPE 1, shall consist of 3 wire ropes, 710.09, connected to wood or steel posts with J-Bolts as detailed hereon.

LINE POSTS shall be S3x5.7 steel, 710.15, or pressure treated wood, 710.14, either 5"x6" square sawed or 5 1/2" plus or minus 1/2" diameter round, measured 25" below the top rope.

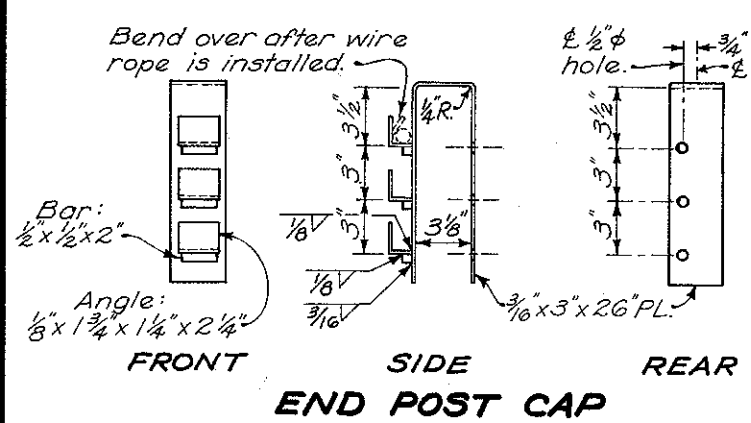
END POSTS shall be S3x5.7 steel only and shall include the end post cap and bearing angles as detailed.

LATERAL CLEARANCE behind the wire rope to any fixed object shall be 11 feet or more for guardrail with normal 16' post spacing. Occasional fixed objects as close as 7 feet behind the wire rope may be accommodated by reducing the normal post spacing as follows:

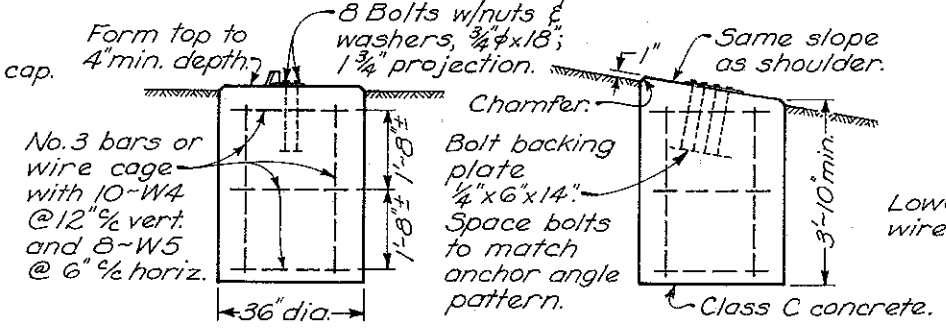
Lateral Clearance	Post Spacing
9.5 - 10.9 ft.	12 ft.
8.0 - 9.4 ft.	8 ft.
7.0 - 7.9 ft.	4 ft.

Whenever reduced spacing is necessary it shall begin 8 posts before and extend 8 posts beyond the fixed object. RUNS OF GUARDRAIL 2084 feet or less shall have a Type C Anchor assembly at each end only. Runs exceeding 2084 feet shall have additional anchorage by interlacing two Type C Anchor assemblies at some intermediate point(s) as detailed in the Schematic Layout.

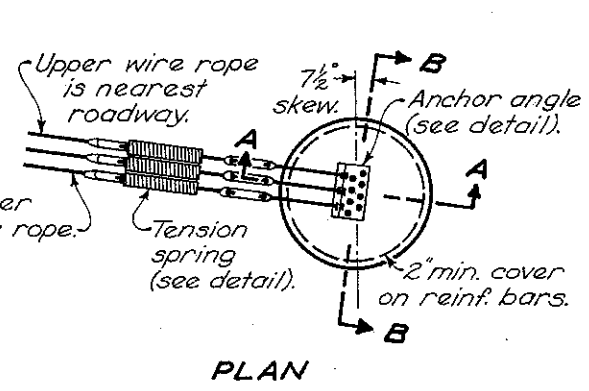
POST SPACING ON CURVES	
RADIUS	POST SPACING
More than 716'	16'
716' to 220'	12'
219' to 111'	6'
110' to 76'	4'
75' to 50'	3'
Less than 50'	Use not recommended



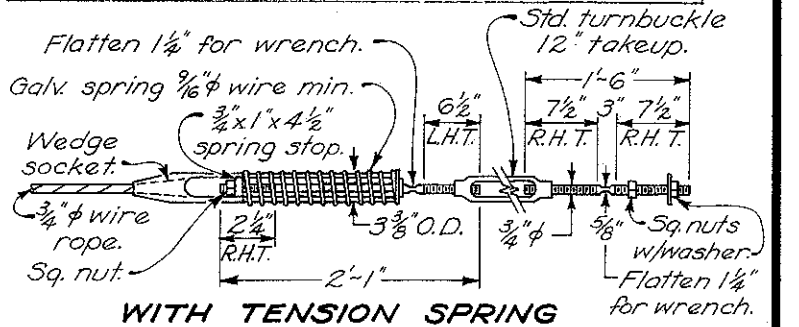
END POST CAP



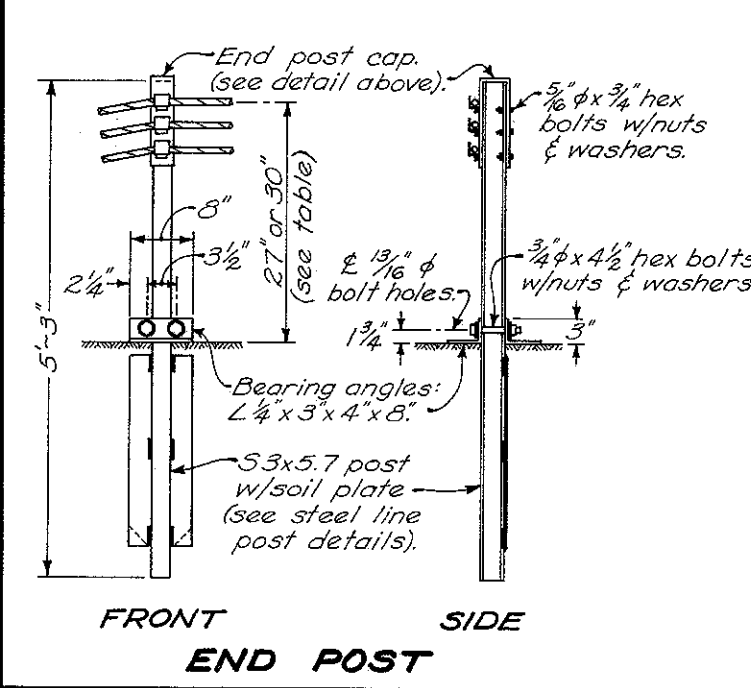
CONCRETE ANCHOR



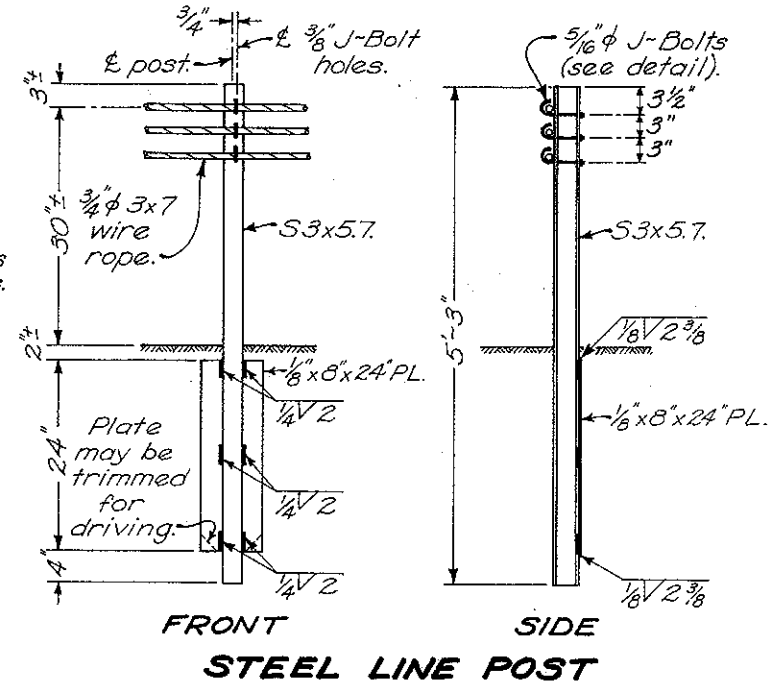
PLAN



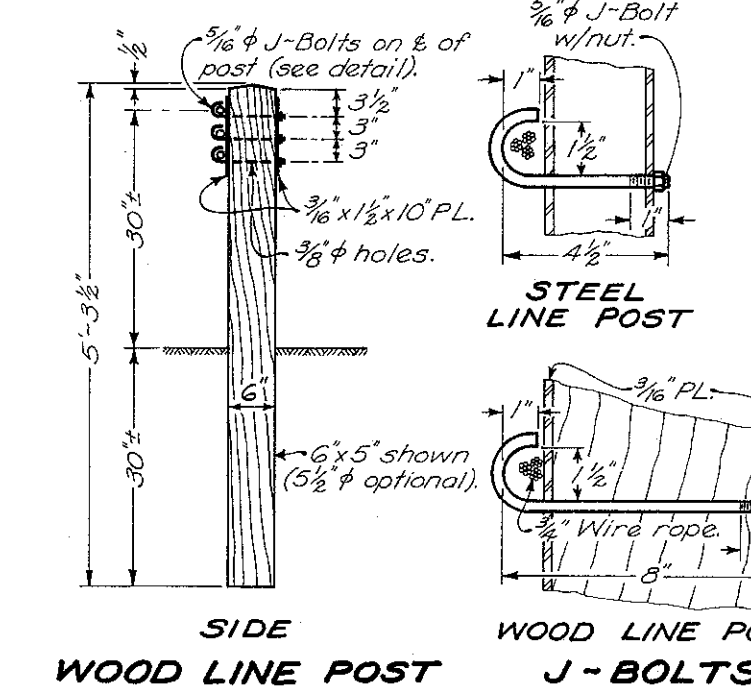
WITH TENSION SPRING



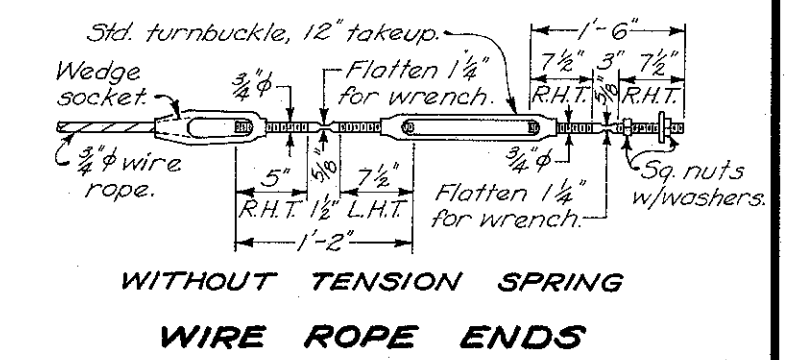
FRONT SIDE END POST



FRONT SIDE STEEL LINE POST

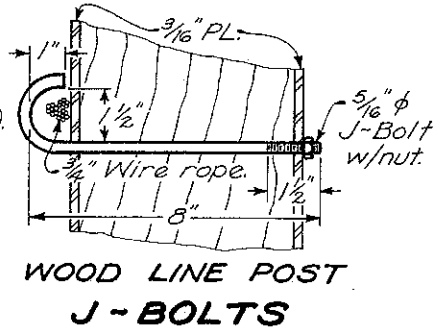


SIDE WOOD LINE POST



WITHOUT TENSION SPRING WIRE ROPE ENDS

STEEL LINE POST



WOOD LINE POST J-BOLTS

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF TRANSPORTATION

GUARDRAIL TYPE I		DATE
STANDARD CONSTRUCTION DRAWING		Preliminary 2-2-77
APPROVED _____ ENGR., L. & D.		