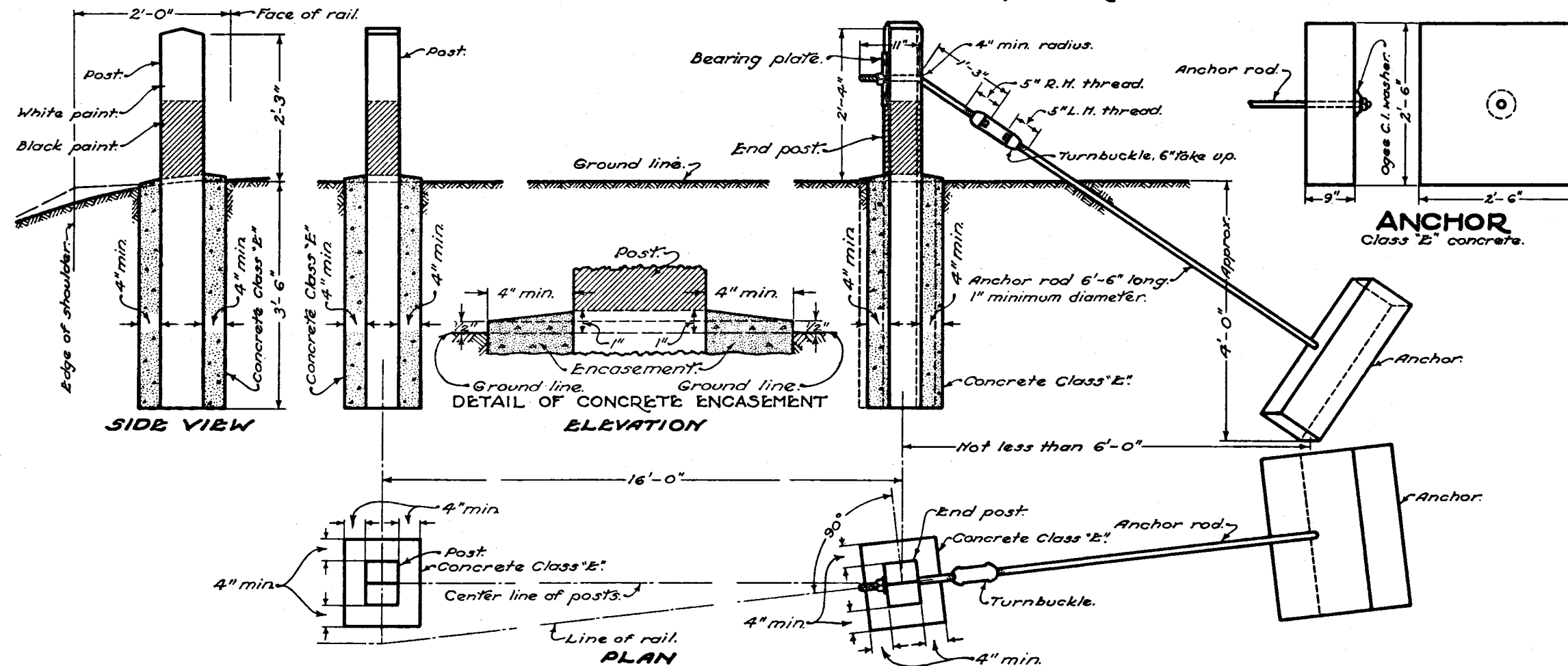
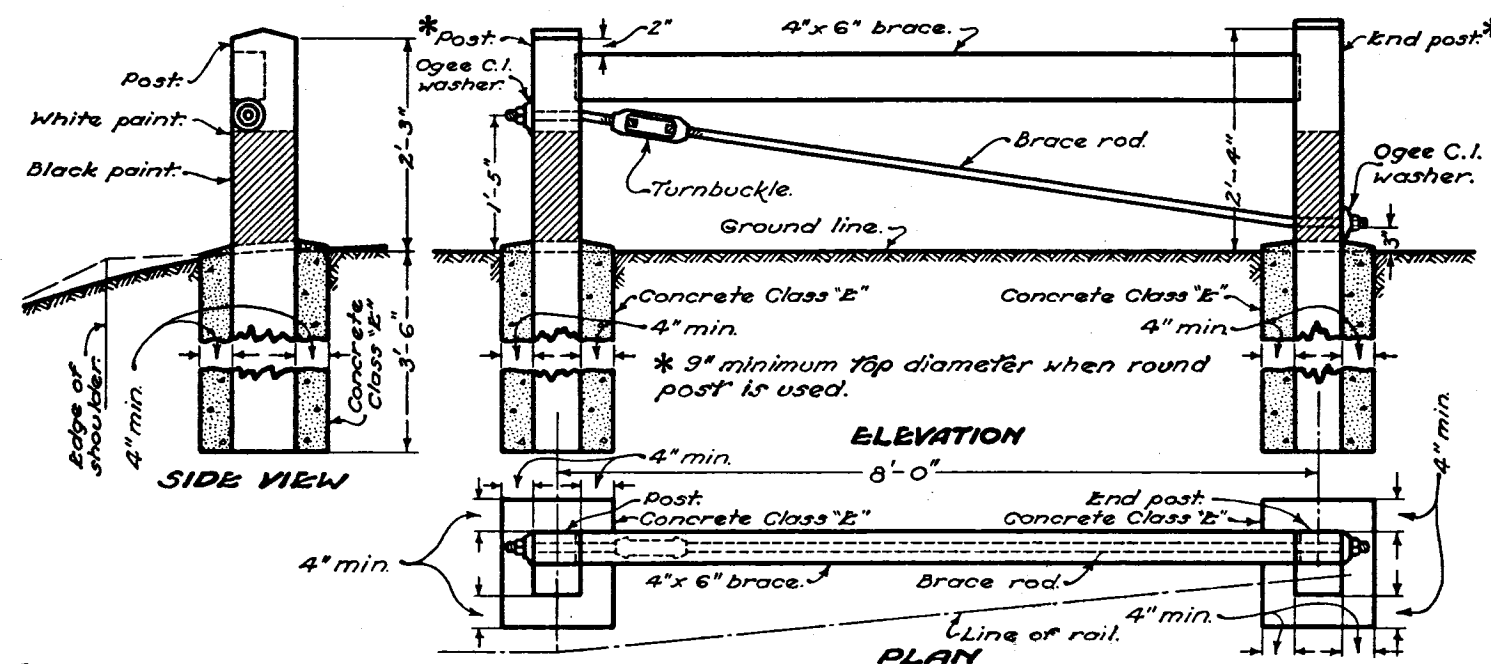


STANDARD GUARD RAIL

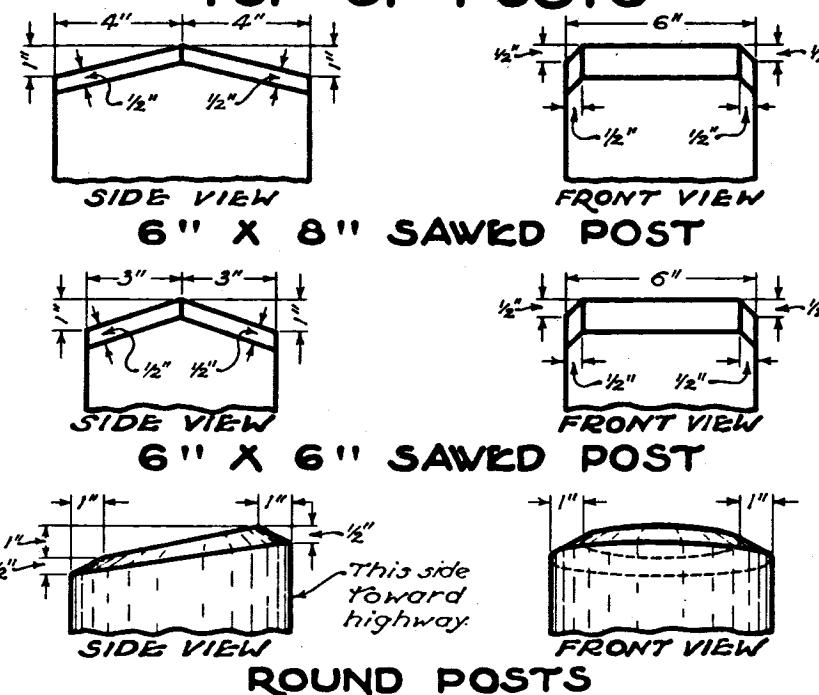
TWO END POSTS WITH ANCHOR



TWO END POSTS WITH BRACING



TOP OF POSTS



NOTES

GENERAL: Standard Construction Drawings showing rail types shall be used in conjunction with this drawing.

POSTS: Wood posts may be either round or square sawed and shall be either butt treated or pressure treated in accordance with the specifications. For flexible plate, steel beam, 4 cable and 4 tape types, square sawed posts, when used, shall be full 6" x 8" and round wood posts, when used, shall have a minimum top diameter of 7". For 3 cable, 2 or 3 tape and woven wire band types, square sawed posts, when used, may be full 6" x 6" and round wood posts, when used, shall have a minimum top diameter of 6".

Bolt holes shall be bored and top of posts trimmed after posts are set.

Posts shall be spaced 16 feet on centers for all types of rail except steel beam, measured along the center line of the rail except where otherwise noted in the specifications for curves. Posts for steel beam type shall be spaced 12'-6" on centers measured along the center line of the rail.

END ANCHORAGE: Where end anchorage is required deadmen shall be used except where physical features such as bridges, drives, road intersections, etc. make this impractical, in which case the end anchorage shall be of the bracing type with the two end posts spaced 8 feet on centers.

The two posts at each end of each run shall be encased in concrete when end anchorage is used. Top of concrete encasement shall be 1/2" minimum above shoulder and shall have a slope of 1/2" away from the post.

PAINTING: The portion of the post above the ground shall have two coats of paint in addition to the prime coat. The paint below the lower edge of the rail shall be black and the paint above the lower edge of the rail shall be white. Pressure treated posts shall not be painted.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

GUARD RAIL

STANDARD
CONSTRUCTION
DRAWING

I-15
No. 1

APPROVED *[Signature]* ENGR. L. & D.

DATE:
10-1-39
11-1-41
2-1-47
2-1-47
12-1-54
8-1-55
5-21-59