GENERAL NOTES

THIS POST SHALL HAVE A MINIMUM YIELD 50,000 PSI.

ALL MATERIALS AND WORKMANSHIP SHALL BE AS SPECIFIED UNDER "TRAFFIC SIGNS", SECTION 675.

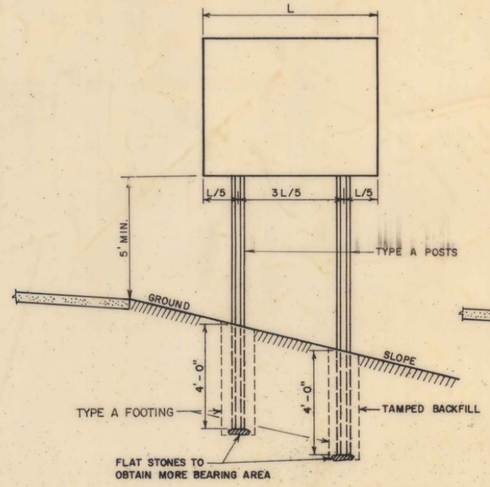
THE BACKFILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF GRANULAR BACKFILL FOR STRUCTURES, ITEM 204.30, OR SHALL BE A MATERIAL APPROVED BY THE ENGINEER.

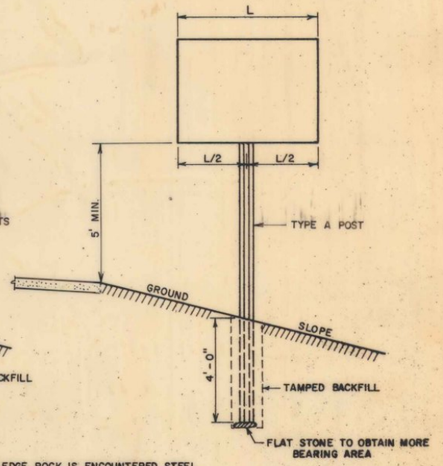
ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED MARCH 1976.

CONSTRUCTION METHODS -
THE HOLE SHALL BE CAREFULLY DUG TO A DEPTH OF FOUR FEET AND THE POST INSERTED THEREIN. POST SHALL NOT BE DRIVEN. AFTER A POST IS PLUMBED AND SET SO THE SIGN WILL FACE IN THE PROPER DIRECTION, THE HOLE SHALL BE BACKFILLED. WHEN TWO OR MORE POSTS ARE USED TO SUPPORT A SINGLE SIGN, THE FLANGES TO WHICH THE SIGN WILL BE FASTENED SHALL LIE IN THE SAME PLANE.

GALVANIZING -
THIS POST SHALL HAVE A GALVANIZED COATING CONFORMING TO ASTM A-123.

FOOTINGS-
TYPE A FOOTINGS WILL BE UTILIZED FOR TYPE A SIGNS (20 SF OR LESS) WITH YIELDING TYPE FLANGED CHANNEL STEEL SIGN SUPPORT UNLESS OTHERWISE SPECIFIED.



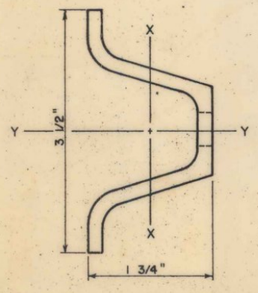


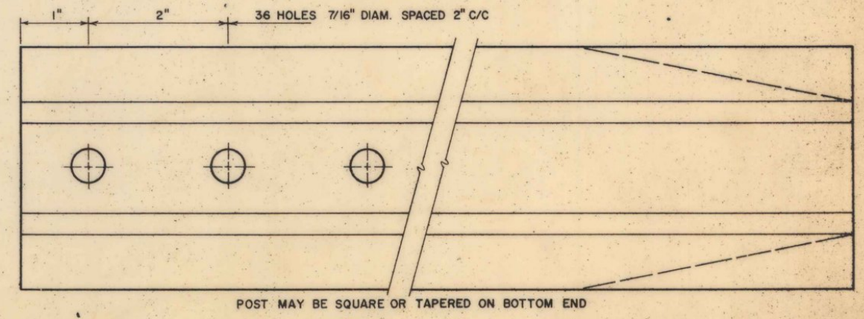
IN AREAS WHERE LEDGE ROCK IS ENCOUNTERED STEEL POSTS WILL BE SET AND GROUTED 12" DEEP IN THE LEDGE, UNLESS THE POSTS PENETRATE THE GROUND 3'.

MATERIALS -
ASTM A-242 STEEL

16' OR LONGER POSTS - WEIGHT 4.0 LBS PER FOOT
SXX - 0.51 IN^3 MINIMUM
SYY - 0.61 IN^3 MINIMUM

10' TO 14' POSTS - WEIGHT 3.0 LBS PER FOOT
SXX - 0.40 IN^3 MINIMUM
SYY - 0.50 IN^3 MINIMUM





POST MAY BE SQUARE OR TAPERED ON BOTTOM END

REVISIONS AND CORRECTIONS
FEB. 8, 1978 - HEIGHT OF SIGNS ADDED.
DEC. 15, 1978 - RAIL STEEL DELETED.

APPROVED
Nov 24. 1976
DATE
E. B. Stickney
CHIEF ENGINEER
R O Munn
ASST. CHIEF ENGINEER
Leroy L. Jones
HIGHWAY ENGINEER

TRAFFIC SIGNS

YIELDING TYPE FLANGED CHANNEL STEEL SIGN SUPPORTS FOR TYPE A SIGNS

VERMONT DEPARTMENT OF HIGHWAYS STANDARD E-24A

D-7