

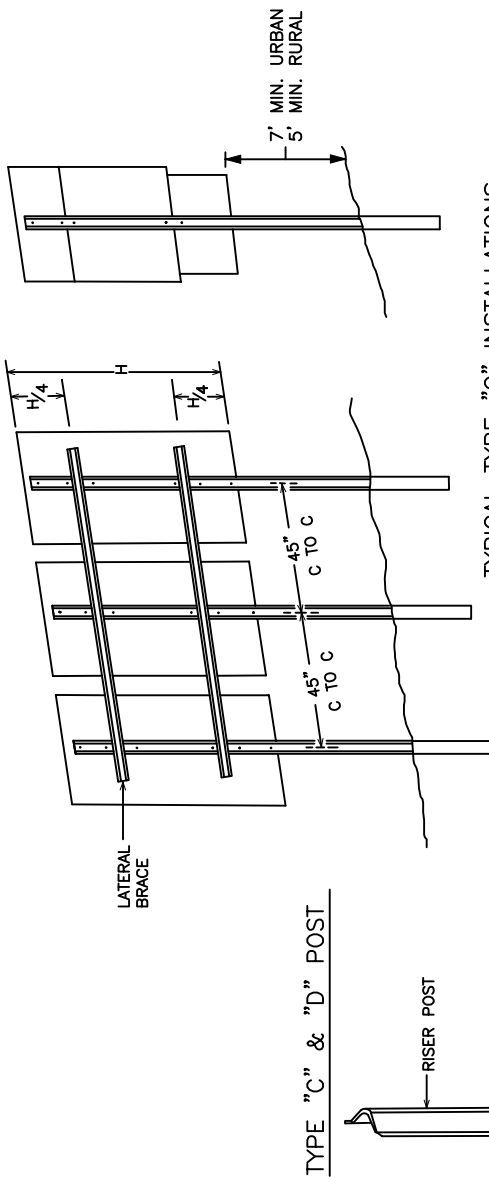


STANDARD DETAILS
TRAFFIC SIGNS
CITY OF PLYMOUTH

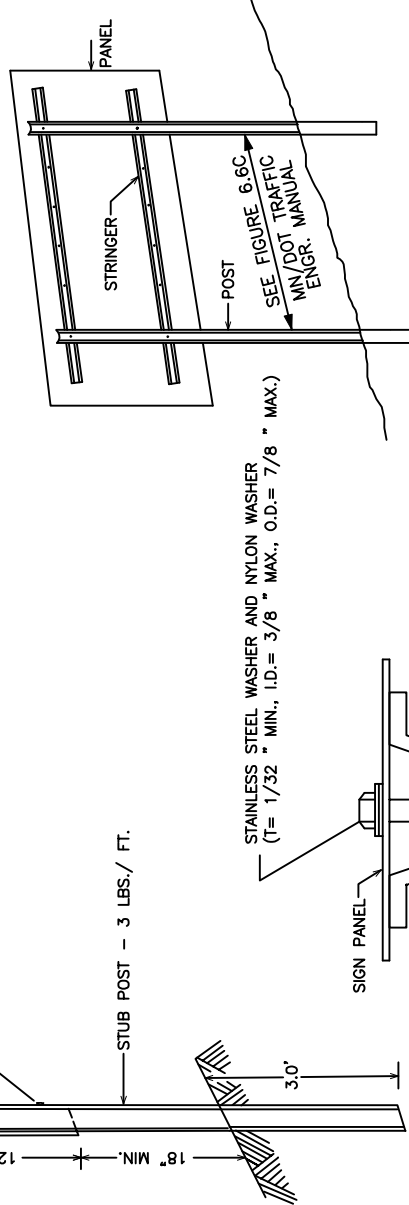
PUBLISHED
1-20
CITY PL. NO.
STRT-22
REVISED 3-11

NOTES:

1. USE 3# STUB POSTS, RISER POSTS, STRINGERS, KNEE BRACES, LATERAL BRACES AND KNEE BRACES STUB POSTS. ALL SHALL CONFORM TO MN/DOT 3401. POST SHALL NOT BE GALVANIZED. THE POSTS SHALL BE COATED WITH AN APPROVED RUST INHIBITIVE GREEN PAINT.
2. ALL SIGNS SHALL MEET THE REQUIREMENTS OF MN/DOT 3352 FOR STANDARD NO. 2 REFLECTIVE SHEETING "3M DIAMOND GRADE DG3" AND THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
3. SIGNS PANEL SHALL BE FABRICATED FROM ALUMINUM CONFORMING TO MATERIAL OF MN/DOT 3352.2A1A AND 3352.2A1B.
4. TYPE "D" SIGN PANELS SHALL BE BOLTED TO STRINGERS AT 24" MAXIMUM INTERVALS IN ACCORDANCE WITH TYPE "D" STRINGER AND PANEL-JOINT DETAIL (SEE STANDARD SIGNS MANUAL).
5. MOUNTING (PUNCHING CODE) FOR TYPE "C" SIGN PANELS SHALL BE AS INDICATED IN THE STANDARD SIGNS MANUAL UNLESS OTHERWISE SPECIFIED.
6. ALL RISERS (VERTICAL) "U" POSTS SHALL BE SPLICED. DRIVEN STUB POSTS SHALL BE AT LEAST 7' LONG.
7. KNEE BRACE STUB POSTS SHALL NOT BE MORE THAN 4" ABOVE GROUND AND IMBEDDED AT LEAST 3'.
8. WHERE 3 OR MORE VERTICAL POSTS ARE REQUIRED PER SIGN ASSEMBLY, THERE SHALL BE AT LEAST 45" CENTER TO CENTER BETWEEN ADJACENT POSTS.
9. USE STAINLESS STEEL $\frac{5}{16}$ " BOLTS, WASHERS AND NYLON INSERT LOCK NUTS AS FOR ALL GROUND AND OVERHEAD MOUNTED SIGNS.
10. STAINLESS STEEL WASHER WITH SAME DIMENSION SHALL BE PROVIDED BETWEEN ALL NYLON WASHERS AND BOLT HEADS.
11. COLLARS SHALL BE USED TO SHIM OVERLAYS AND DE-MOUNTABLE LEGEND AWAY FROM PANEL WHERE INTERFERENCE WITH BOLT HEADS IS ENCOUNTERED. MN/DOT 3352.2A7.
12. MULTIPLE POST INSTALLATIONS SHALL BE REINFORCED WITH AT LEAST ONE LATERAL BRACE. INSTALLATIONS WHERE THE TOTAL PANEL HEIGHT IS 60" OR MORE SHALL HAVE TWO LATERAL BRACES LOCATED APPROXIMATELY AT THE QUARTER POINTS.
13. WHERE 2 OR MORE SINGLE POST SIGNS (TYPE "C") ARE MOUNTED SIDE BY SIDE, THEY SHALL BE REINFORCED LATERALLY BY AT LEAST 2 POST SECTIONS. BOLTED AT EACH POST AND LOCATED APPROXIMATELY AT THE QUARTER POINTS AS SHOWN IN SKETCH.
14. EDGE OF SIGN SHALL BE MINIMUM OF 2" FROM FACE OF CURB OR 6" FROM EDGE OF SHOULDER.
15. SEE STANDARD PLATE NO. STRT-21 FOR SIGN POST EMBEDMENT ASSEMBLY.



TYPICAL TYPE "C" INSTALLATIONS



TYPICAL TYPE "D" INSTALLATION

TYPE C & D SIGN

STRUCTURAL DETAILS

"U POST" MOUNTING
TYPE "C" SIGNS