GENERAL NOTES

1. ALL SQUARE TUBING SIGN POST REQUIREMENTS ARE BASED ON A 10 OR 12-GAUGE THICKNESS, ACTIVATED 50 GRADE 50 STEEL, A MINIMUM YIELD STRENGTH OF 36000 PSI AND A 10 MPH WIND LOAD. ALL U-CABLE SIGN POSTS REQUIREMENTS ARE BASED ON A MINIMUM YIELD STRENGTH OF 40000 PSI AND 10 MPH WIND LOAD.

2. STEEL POSTS, BASE POSTS, AND SLIP BASES FOR ALUMINUM PANEL SIGNS SHALL BE SELECTED FROM THE COT/RAPPROVED PRODUCT LIST.

3. BASE POSTS SHALL NOT EXTEND MORE THAN 4" ABOVE GROUND LEVEL AND SHALL BE OF THE SAME WEIGHT/ GAUGE AND TYPE AS THE SIGN POST.

4. INTERMITTENT U-CABLE AND SQUARE TUBING POSTS, POSTS OF DIFFERENT WEIGHT/ GAUGE OR PRODUCT BRANDS IS PROHIBITED.

5. SUPPLEMENTAL SIGNS SHALL NOT BE ATTACHED DIRECTLY TO PRIMARY PANELS.

6. SPACING BETWEEN SUPPLEMENTAL PANELS AND PRIMARY PANELS SHALL NOT EXCEED 6".

7. SIGN PANELS PLACED PARALLEL TO TRAFFIC SHALL BE MOUNTED ON A MULTI-DIRECTIONAL BRACKET SYSTEM (SEE STANDARD PLAN S-630-4, SHEET 2).

8. AN APPROVED SLIP BASE IS REQUIRED WITH THE DOUBLE POST AND TRIPLE POST INSTALLATION (SEE STANDARD PLAN S-630-4, SHEET 2).

9. SEE MANUFACTURERS DRAWINGS FOR SPECIFIC ASSEMBLY INFORMATION, POST-TO-TUBE AND OTHER PARTS REQUIRED FOR PRODUCT USE.

10. LAP-SPLICE OF MULTI-DIRECTIONAL SLIP BASE MAY BE USED. SEE STANDARD PLAN S-630-4, SHEET 2.

LEGEND

• SEE GENERAL NOTE 1.

▲ SEE GENERAL NOTE 2.

△ SEE GENERAL NOTE 3.

▲ SEE GENERAL NOTE 4.

● SEE GENERAL NOTE 5.

◉ SEE GENERAL NOTE 6.

■ SEE GENERAL NOTE 7.

STANDARD PLAN NO.

S-630-4

STANDARD SHEET NO. 1 OF 2

Traffic & Safety Engineering MKB

STANDARD PLAN NO.

S-630-4

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S-630-4

STANDARD SHEET NO. 1 OF 2

Traffic & Safety Engineering MKB

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S-630-4

STANDARD SHEET NO. 1 OF 2

Traffic & Safety Engineering MKB

STANDARD PLAN NO.

S-630-4

STANDARD SHEET NO. 1 OF 2

Traffic & Safety Engineering MKB
MULTI-DIRECTIONAL SLIP BASE POST DETAILS

GENERAL NOTE:
THE CONTRACTOR SHALL INSTALL THE SOIL ANCHOR AND SLIP BASE PER THE MANUFACTURER'S RECOMMENDATIONS WITHOUT ADDITIONAL COMPENSATION.

SOIL ANCHOR DETAIL
(NOT TO EXCEED 4' ABOVE GROUND LEVEL)

SOIL PLATE

ANCHOR TOP VIEW

STEP 1
NOTE:BOLTS SHOULD BE TIGHTEN 1/2 TO 3/4 TURN AFTER SNUG.

STEP 2

STEP 3
NOTE:TIGHTEN NUT 1/4 TO 3/4 TURN AFTER SNUG.

U-CHANNEL SLIP BASE

LOCK NUT
FLAT WASHER
FLAT WASHER
FLAT WASHER

TOP POST

LOCK NUT
FLAT WASHER
FLAT WASHER

KEEPER PLATE

STEEL SIGN SUPPORT
(TEMPORARY)
INSTALLATION DETAILS

MULTI-DIRECTIONAL SLIP BASE POST DETAILS

COLORADO DEPARTMENT OF TRANSPORTATION
2829 W. HOWARD PL.
DENVER, CO 80204
PHONE: 303-757-9436
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TRAFFIC & SAFETY ENGINEERING
MKB

ISSUED BY: TRAFFIC & SAFETY ENGINEERING BRANCH JULY 31, 2019

PROJECT SHEET NUMBER:

STANDARD PLAN NO.
S-630-4

STANDARD SHEET NO. 2 OF 2