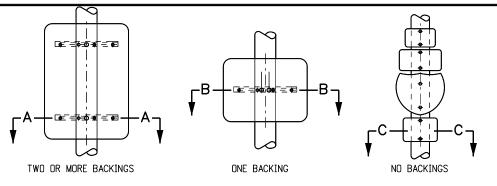
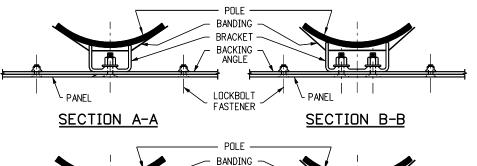


## CLASS II MARKER ASSEMBLY FABRICATION NOTES

- HORIZONTAL AND VERTICAL MEMBERS TO BE THE SAME MATERIAL AS THE SIGN PANEL.
- VERTICAL MEMBER TO BE 3 IN. X 1.420 LBS. 6061-T6 ALUMINUM CHANNEL BONDED TO THE POLE WITH A MINIMUM OF TWO BANDS.
- HORIZONTAL MEMBERS TO BE 3 IN.X 2 IN 2.33 IN.BACKING ZEES, FASTENED TO VERTICAL MEMBER WITH 3% IN.MACHINE BOLTS WITH HEX NUT.
- SIGN PANELS TO BE FASTENED TO HORIZONTAL MEMBERS WITH 3/8 IN. 90 COUNTERSUNK LOCKBOLT
- 5. VERTICAL SPACING BETWEEN GROUPS OF PANELS IN ONE MARKER ASSEMBLY SHALL BE 4 IN.

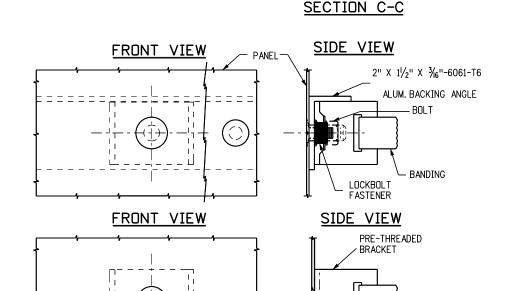


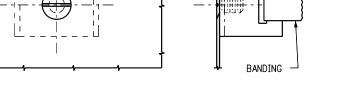


PRE-THREADED

— BRACKET —

- PANEL





TYPICAL POLE MOUNT INSTALLATION FOR CLASS I AND II SIGN PANELS

EB

## GENERAL NOTES

- SIGNS SHALL BE LOCATED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. SPECIAL CARE SHALL BE TAKEN TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN.
- 2. BRAND-NAME ATTACHMENT HARDWARE AND BANDING MATERIAL TO BE APPROVED BY THE ENGINEER.
- FOR SIGN PANEL FABRICATION, MOUNTING HEIGHT AND HOLE SPACING FOR BACKING ZEES, SEE APPLICABLE STANDARDS.
- ALL BOLTS, NUTS AND METAL WASHERS, UNLESS MADE OF STAINLESS STEEL, SHALL BE GALVANIZED OR CADMIUM PLATED.
- 5. ALL HOLES SHALL BE DRILLED OR PUNCHED.
- BANDING SHALL BE IN X .025 IN MINIMUM STAINLESS STEEL, ROUND-EDGE STRAP WITH AN ULTIMATE BREAKING STRENGTH OF 1500 LBS MINIMUM. THERE SHALL BE A MINIMUM OF TWO BANDS PER PANEL OR ASSEMBLY EXCEPT WHERE A SINGLE BACKING ANGLE IS USED.
- PANELS OF 36 INCH OR GREATER WIDTH MUST HAVE BACKING MEMBERS IN ADDITION TO BRACKETS. CLASS II PANELS OF LESS THAN 36 INCH WIDTH AND CLASS I PANELS OF GREATER THAN 24 INCH WIDTH SHOULD USE PRE-THREADED BRACKETS SIMILAR TO ALTERNATE SECTION C-C (2 SCREWS).

## CLASS I AND II SIGN ASSEMBLY FABRICATION NOTES

- SHAPES OTHER THAN THE BRACKETS OR BACKING ANGLE SHOWN MAY BE USED.
- MAXIMUM SPACING BETWEEN PANELS IN ONE ASSEMBLY SHALL BE 11/2 INCH.
- PANELS MAY BE INSTALLED BACK-TO-BACK ON THE SAME BANDS.
- IN NO CASE SHALL BOLTS OF LESS THAN 1/6 INCH DIAMETER BE USED FOR ANY PORTION OF THE ASSEMBLY.

## TYPICAL POLE MOUNT INSTALLATION FOR CLASS II MARKER ASSEMBLY

Computer File Information			Sheet Revisions
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CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English			

Colorado Department of Transportation



2829 W. Howard Pl. Denver, CD 80204 Phone: 303-757-9654 FAX: 303-757-9219

SECTION C-C

Traffic & Safety Engineering

TYPICAL POLE MOUNT SIGN INSTALLATION

5/4" COUNTER-

**ALTERNATE** 

SUNK SCREWS

STANDARD PLAN NO. S-614-20

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Standard Sheet No. 1 of 1 Project Sheet Number: