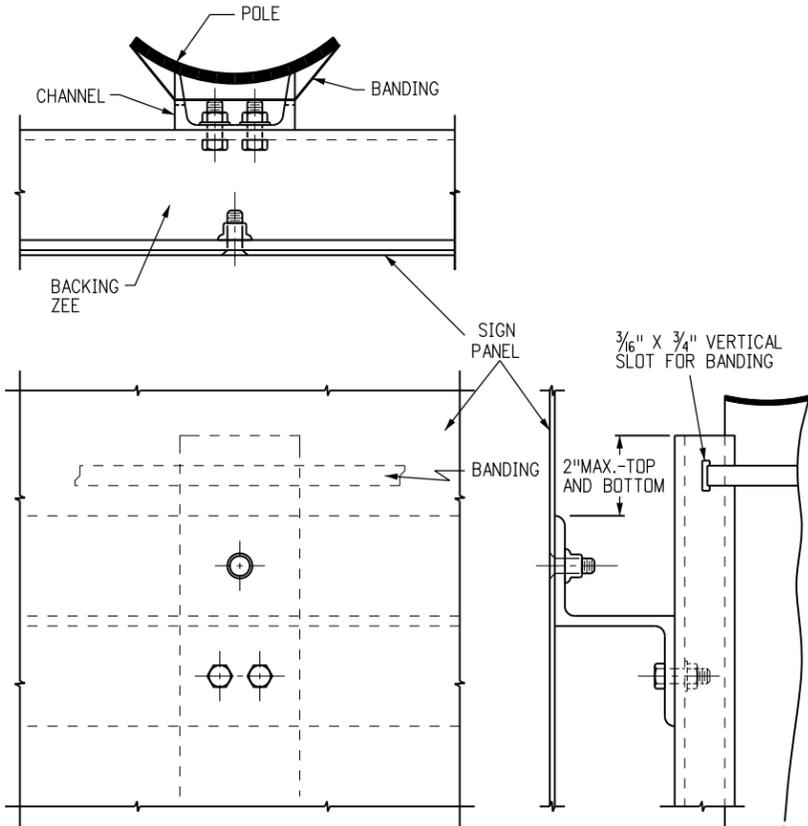


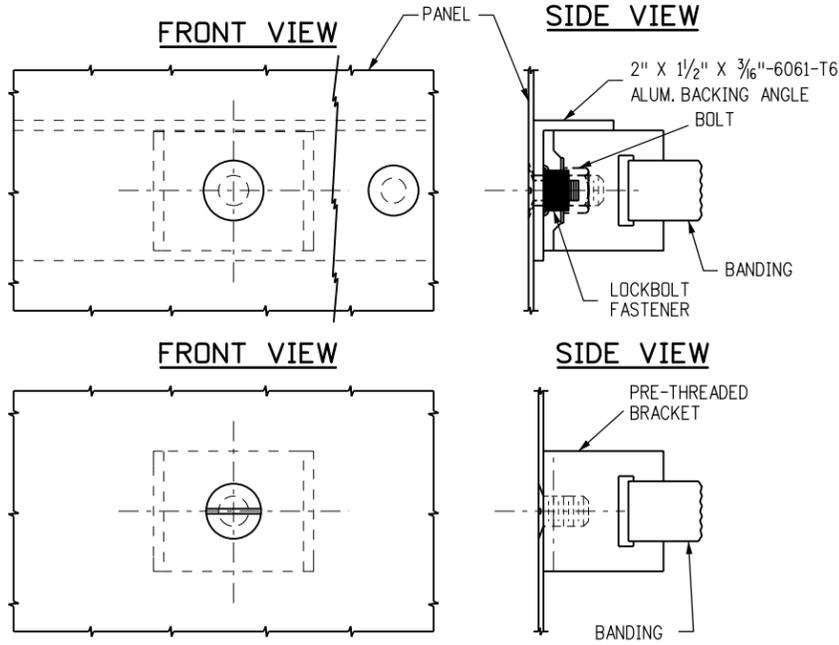
- ### GENERAL NOTES
- SIGNS SHALL BE LOCATED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. SPECIAL CARE SHALL BE TAKEN TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN.
  - BRAND-NAME ATTACHMENT HARDWARE AND BANDING MATERIAL TO BE APPROVED BY THE ENGINEER.
  - FOR SIGN PANEL FABRICATION, MOUNTING HEIGHT AND HOLE SPACING FOR BACKING ZEES, SEE APPLICABLE STANDARD.
  - ALL BOLTS, NUTS AND METAL WASHERS, UNLESS MADE OF STAINLESS STEEL, SHALL BE GALVANIZED OR CADMIUM PLATED.
  - ALL HOLES SHALL BE DRILLED OR PUNCHED.
  - BANDING SHALL BE 1/2 IN X .025 (MIN.) STAINLESS STEEL, ROUND-EDGE STRAP WITH AN ULTIMATE BREAKING STRENGTH OF 1500 LBS. (MIN.). THERE SHALL BE A MINIMUM OF TWO BANDS PER PANEL OR ASSEMBLY EXCEPT WHERE A SINGLE BACKING ANGLE IS USED.
  - PANELS OF 36 IN. OR GREATER WIDTH MUST HAVE BACKING MEMBERS IN ADDITION TO BRACKETS. CLASS II PANELS OF LESS THAN 36 IN. WIDTH AND CLASS I PANELS OF GREATER THAN 24 IN. WIDTH SHOULD USE PRE-THREADED BRACKETS SIMILAR TO ALTERNATE SECTION C-C (2 SCREWS).



### 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 1/16 IN 2.33 IN. BACKING ZEES, FASTENED TO VERTICAL MEMBER WITH 3/8 IN. MACHINE BOLTS WITH HEX NUT.
- SIGN PANELS TO BE FASTENED TO HORIZONTAL MEMBERS WITH 3/8 IN. - 90 COUNTERSUNK LOCKBOLT FASTENERS.
- VERTICAL SPACING BETWEEN GROUPS OF PANELS IN ONE MARKER ASSEMBLY SHALL BE 4 IN.

TYPICAL POLE MOUNT INSTALLATION FOR CLASS II MARKER ASSEMBLY



### FABRICATION NOTES

- SHAPES OTHER THAN THE BRACKETS OR BACKING ANGLE SHOWN MAY BE USED.
- MAXIMUM SPACING BETWEEN PANELS IN ONE ASSEMBLY SHALL BE 1 IN.
- PANELS MAY BE INSTALLED BACK-TO-BACK ON THE SAME BANDS.
- IN NO CASE SHALL BOLTS OF LESS THAN 5/16 IN. DIA. BE USED FOR ANY PORTION OF THE ASSEMBLY.
- ONLY FIBER WASHERS MAY BE USED ON THE FACE OF THE SIGN PANEL.

TYPICAL POLE MOUNT INSTALLATION FOR CLASS I AND II SIGN PANELS

<b>Computer File Information</b>		<b>Sheet Revisions</b>		<b>Colorado Department of Transportation</b>  4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9543 Fax: (303) 757-9219 <b>Safety &amp; Traffic Engineering Branch</b>	<b>TYPICAL POLE MOUNT SIGN INSTALLATION</b> Issued By: Safety & Traffic Engineering Branch July 4, 2012	<b>STANDARD PLAN NO.</b> S-614-20 Sheet No. 1 of 1
Creation Date: 07/04/12	Initials: KEN	Date:	Comments:			
Last Modification Date:	Initials:	(R-X)				
Full Path: www.coloradodot.info/library/traffic/traffic-s-standard-plans		(R-X)				
Drawing File Name: S-614-20_1of1.dgn		(R-X)				
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English	(R-X)	<b>KCM/KEN</b>		