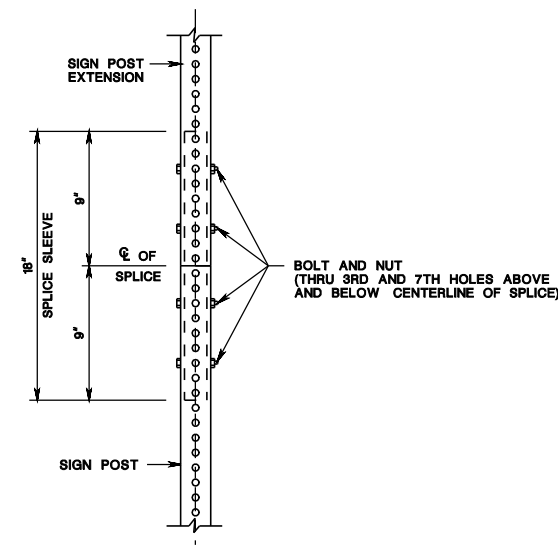
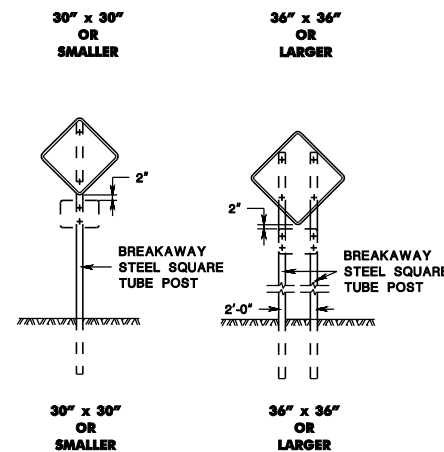
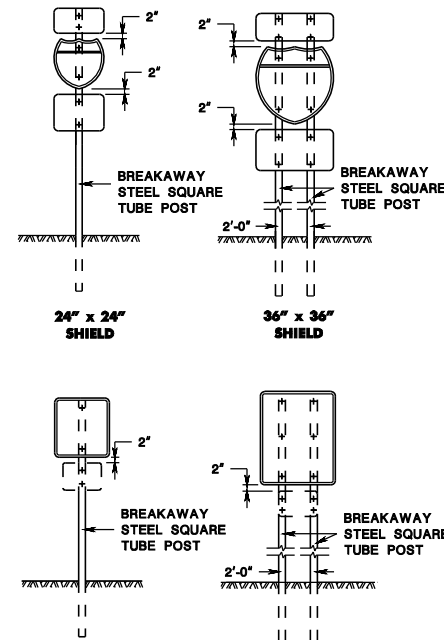


SIGN POST				ANCHOR POST				ANCHOR SLEEVE *				SPLICE SLEEVE			
SIZE	DIMENSION		THICK.	SIZE	DIMENSION		THICK.	SIZE	DIMENSION		THICK.	SIZE	DIMENSION		THICK.
	A	B			A	B			A	B			A	B	
2.00"	2.00"	1.000"	0.0747"	2.25"	2.25"	1.125"	0.1046"	2.50"	2.50"	1.250"	0.1046"	1.75"	1.75"	0.875"	0.0747"
2.25"	2.25"	1.125"	0.0747"	2.50"	2.50"	1.250"	0.1046"	3.00"	3.00"	1.500"	0.1875"	2.00"	2.00"	1.000"	0.0747"

\* ONLY REQUIRED FOR INSTALLATIONS IN CONCRETE.

### SQUARE STEEL POSTS

0.1046" AND 0.0747" - 60 KSI



### NOTES:

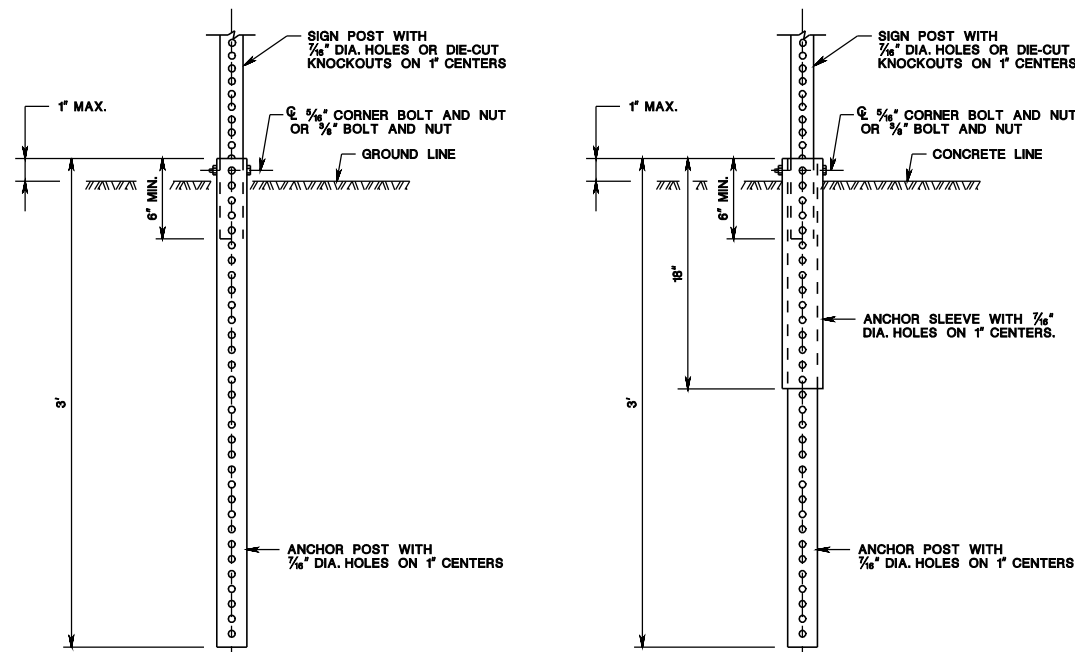
1. TO EXTEND THE HEIGHT OF A SIGN POST, A MAXIMUM OF ONE SPLICE MAY BE MADE.
2. SIGN POST SPLICES MUST BE A MINIMUM OF 9 FT. ABOVE GROUND.
3. SELECT THE PROPER SIZE SPLICE SLEEVE FROM THE SQUARE STEEL POSTS TABLE ON THIS SHEET.

CD-612-4A.2

### GENERAL NOTES:

1. DETERMINE THE PROPER SIZE AND NUMBER OF SIGN POSTS FROM THE APPROPRIATE GRAPH.
2. PUNCH OUT APPROPRIATE KNOCKOUTS AND ATTACH THE SIGN.
3. DETERMINE THE PROPER SIZE ANCHOR POST FROM THE SQUARE STEEL POSTS TABLE ON THIS SHEET.
4. DRIVE THE ANCHOR POST INTO THE GROUND, USING THE APPROPRIATE SIZE DRIVE CAP, UNTIL ONLY ONE HOLE REMAINS ABOVE THE GROUND OR FINISHED ELEVATION OF THE CONCRETE.
5. PUNCH OUT THE SIXTH KNOCKOUTS FROM THE BOTTOM OF THE SIGN POST.
6. SLIDE A MINIMUM OF 6" OF THE SIGN POST INTO THE ANCHOR POST.
7. ATTACH THE SIGN POST TO THE ANCHOR POST WITH ONE 5/16" CORNER BOLT AND NUT (OR ALTERNATELY ONE 1/2" BOLT AND NUT) THROUGH THE TOP HOLE OF THE ANCHOR POST.
8. TIGHTEN THE BOLT AND NUT BY THE TURN-OF-THE-NUT METHOD. BRING NUT TO A SNUG CONDITION TO ENSURE THAT ALL PARTS ARE BROUGHT TOGETHER INTO FULL CONTACT WITH EACH OTHER, THEN TIGHTEN AN ADDITIONAL 1/2 TURN.
9. FOR INSTALLATIONS IN CONCRETE, PLACE A 18" LONG ANCHOR SLEEVE OUTSIDE THE ANCHOR POST SO THAT THE TOPS OF THE ANCHOR POST AND ANCHOR SLEEVE ARE EVEN. SELECT THE PROPER SIZE ANCHOR SLEEVE FROM THE SQUARE STEEL POSTS TABLE ON THIS SHEET.
10. SIGN POSTS AND SPLICE SLEEVES SHALL HAVE 7/16" DIAMETER HOLES OR DIE-CUT KNOCKOUTS ON 1" CENTERS ON ALL FOUR SIDES. ANCHOR POSTS AND ANCHOR SLEEVES SHALL HAVE 7/16" DIAMETER HOLES ON 1" CENTERS ON ALL FOUR SIDES.

CD-612-4A.3



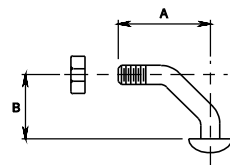
### INSTALLATION DETAIL

### INSTALLATION DETAIL IN CONCRETE

SIGN POST SIZE (INCHES)	DIMENSION L (INCHES)
2.00	3.0
2.25	3.5

### 1/2" - 16 UNC ANCHOR BOLTS & NUTS

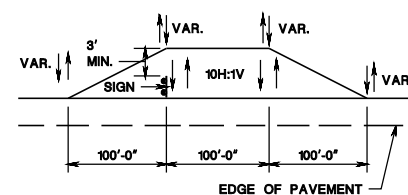
CADMIUM PLATED STEEL, ZINC PLATED STEEL OR ALUMINUM



SIGN POST SIZE (INCHES)	DIMENSION (INCHES)	
	A	B
2.00	1.562	1.188
2.25		

### 1/2" - 18 UNC CORNER BOLTS & NUTS

CADMIUM PLATED STEEL, ZINC PLATED STEEL OR ALUMINUM



### STEEL SQUARE TUBE POST GRADING DETAIL

## STEEL SQUARE POST SIGN SUPPORTS

N.T.S.

CD-612-4A

NEW JERSEY DEPARTMENT OF TRANSPORTATION

## CONSTRUCTION DETAILS

CD-612-4A.1

92A  
164