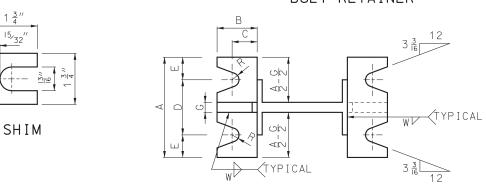
	STRUC	TUR.	AL ST	EEL I	POS	T F	OR G	RO	UND	MC	DUN	TED	) S	IGN	S		
	POST		BOLT		W	ASHE	R	BASE CONNECTION DATA TABLE (1									ΙT
DES.	NOM SIZE		LENGTH	TORQUE	OD	ID	THICK		В		D	F	F	G	NA/		
NO.	(IN.XLBS)	IN.	IN.	IN./LB.	IN.	IN.	IN.	А	В	C	ט		F	6	W	R	F
1	W6×9																
2	W6×15	<u>5</u> 8	2 <del>3</del> 4	345	1 <del>5</del> 16	16	<u> </u>	5	2	1 1/4	$2\frac{3}{4}$	1 1/8	<u>3</u>	1/2	1/4	<u>11</u> 32	
3	W8×18																
4	W10×22																
5	W10×26	<u>3</u>	3 ½	555	1 <u>15</u>	<u>13</u> 16	<u> </u>	6	2 1/4	1 3/8	3 ½	1 1/4	1	<u>3</u> 4	<u>5</u> 16	<u>13</u> 32	
6	W12×35																

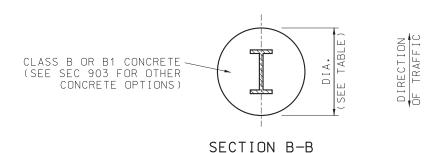
	POST AND FOOTING DATA TABLE																	
			POST			FOOTING												
	POST DES.	NOM. SIZE	WEI	WEIGHT		WEIGHT		DIA.	LEV GROU		6 <b>:</b> 1 G	RADE	4:1 GF	RADE	3:1 OR 2:1 GRADE			
1	NO.	JIZL	LBS/FT	LBS/IN	LENGTH		DEPTH	С.Ү.	DEPTH	С.Ү.	DEPTH	С.Ү.	DEPTH	C.Y.				
	1	W6	9.0	0.75	3′-0″	15"	3′-0″	0.14	3′-2″	0.15	3′-3″	0.16	3′-6″	0.17				
	2	W6	15.0	1.25	4′-0″	24"	4′-0″	0.47	4'-2"	0.50	4′-3″	0.51	4′-6″	0.54				
	3	W8	18.0	1.50	4'-6"	28"	4′-6″	0.71	4′-8″	0.73	4′-9″	0.74	5′-0″	0.78				
	4	W10	22.0	1.83	5′-0″	36"	5′-0″	1.31	5′-2″	1.36	5′-3″	1.39	5′-6″	1.45				
	5	W10	26.0	2.17	5′-0″	36"	5′-0″	1.31	5′-3″	1.37	5′-5″	1.43	5′-9″	1.52				
_	6	W12	35.0	2.92	5′-6″	36"	5′-6″	1.44	5′-9″	1.52	5′-11″	1.56	6′-3″	1.65				

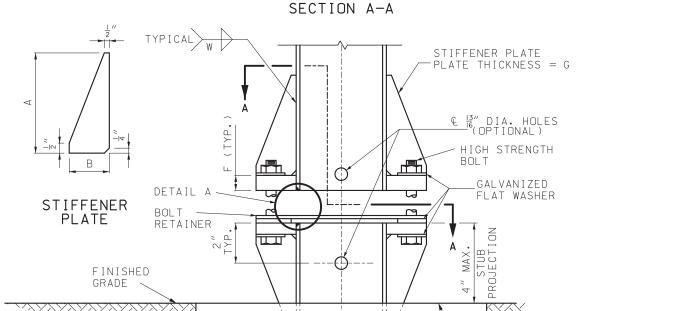
SHEET METAL BOLT RETAINER CUT FROM 30 GAGE GALVANIZED SHEET METAL. PLACE BETWEEN BASE PLATES. SIZE VARIES TO FIT PLATE, BOLT HOLES TO BE 16" LARGER THAN REQUIRED BOLT SIZE.



#### BOLT RETAINER







DIRECTION

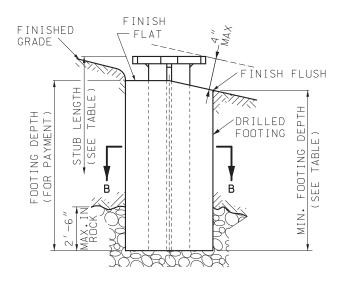
OF TRAFFIC

TOP OF FOOTING,

FLUSH WITH FINISHED

FLAT GRADE. SEE "FOOTING DETAIL" FOR

FOOTINGS ON SLOPES.



FOOTING DETAIL

GENERAL NOTES:

DESIGN SPECS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS — 1985 (EXCEPT 2001 AND LATEST INTERIMS FOR STRUCTURAL STEEL POSTS).

POSTS, PERFORATED FUSE PLATE AND SPLICE PLATE TO BE GALVANIZED AFTER FABRICATION.

METAL PROJECTING BEYOND THE PLANE OF THE PLATE FACE WILL NOT BE ALLOWED.

REMOVE ALL GALVANIZING RUNS OR BEADS IN THE WASHER AREA.

ALL STRUCTURAL STEEL STIFFENER PLATES AND BASE PLATES, FOR GROUND MOUNTED SIGNS SHALL MEET THE REQUIREMENTS OF ASTM A 36 OR AASHTO M 270 GRADE 50, MINIMUM YIELD 50,000 PSI.

IN THE EVENT THE DISTANCE BETWEEN THE TOP OF THE FOOTING AND THE BOTTOM OF THE SIGN IS LESS THAN 7'-9", THE SIGN HEIGHT AND POST LENGTH IS TO BE INCREASED SUFFICIENTLY TO ACCOMMODATE THIS MINIMUM SPACING.

HINGE PLATES NOT REQUIRED ON SINGLE POST SIGNS OR ANY SIGNS USING PIPE POSTS.

NUTS ON HINGE PLATE BOLTS SHALL BE TIGHTENED TO THE REQUIRED MINIMUM BOLT TENSION VALUES SHOWN IN TABLE 1 SEC. 1080 OF THE STANDARD SPECIFICATIONS.

THE NUT SHALL BE FREE RUNNING. IF THE NUT WILL NOT SPIN ON THE BOLT BECAUSE OF GALVANIZING IRREGULARITIES, A LUBRICANT SHALL BE APPLIED.

ALL BREAKAWAY ASSEMBLY BOLTS SHALL BE TIGHTENED IN A SYSTEMATIC MANNER TO THE PRESCRIBED TORQUE SHOWN ON THIS DRAWING.

EACH BREAKAWAY ASSEMBLY BOLT SHALL BE LOOSENED AND RE-TIGHTENED TO THE REQUIRED TORQUE IN THE SAME ORDER AS THE INITIAL TIGHTENING.

THE THREADS SHALL BE BURRED AT THE NUT USING A CENTER PUNCH TO PREVENT NUT FROM LOOSENING.

POST LENGTH QUANTITY SHOWN ON PLANS INCLUDES STUB.

1" X  $2\frac{1}{2}$ " HIGH STRENGTH BOLTS FOR PIPE POSTS SHALL BE OF THE DESIGNATION AASHTO M 164 OR ASTM A 449. ALL OTHER HIGH STRENGTH BOLTS SHALL BE OF THE DESIGNATION ASTM F3125 GRADE A325.

FURNISH TWO .012" ± AND TWO .0032" ± THICK SHIMS PER POST FROM BRASS SHIM STOCK OR STRIP, DESIGNATION ASTM B 36. SHIM AS REQUIRED TO PLUMB POST.

HIGH STRENGTH BOLTS WITH HEX NUT AND THREE WASHERS WITH EACH BOLT ARE TO BE GALVANIZED.

OPTIONAL HOLES ( $^{13}$ " ROUND FOR "I" SHAPE POSTS AND  $^{9}$ ' ROUND FOR PIPE POST BASE PLATES) AS SHOWN IN "ELE-VATIONS" ARE TO BE USED AS AID FOR GALVANIZING ONLY.



#### MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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#### POST INSTALLATION DETAILS

POST AND FOOTING DETAILS WIDE FLANGE (WF) POSTS

DATE PREPARED:

10/1/2025 7/7/2025

903.03BU

SHEET NO. 1 OF 12

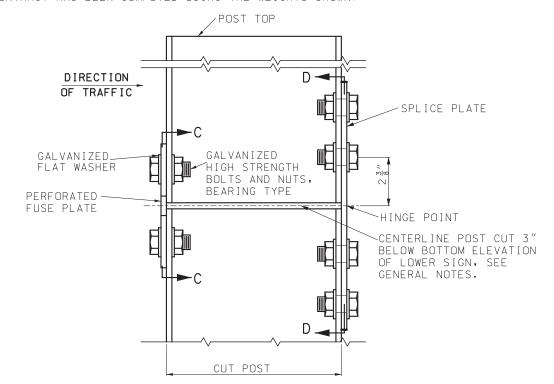
ELEVATION DETAIL A

TYP I CAL

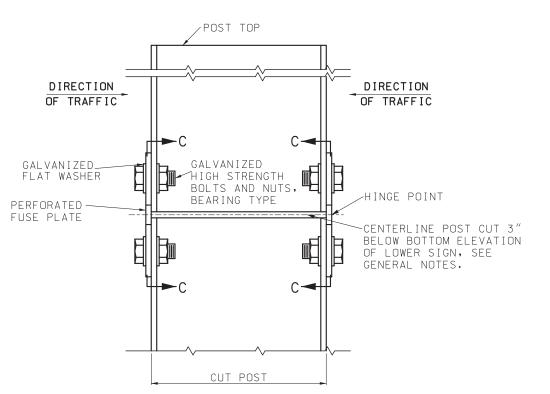
DATE EFFECTIVE:

WIDE	FLANG	E STRU	CTURAL	STEEL	POSTS	DESIG	N DATA		PERFORATED FUSE PLATE DATA TABLE										SPLICE PLATE DATA TABLE								$\Box$					
POST	NOM.	WE I	GHT		FLA	ANGE	WEB	POST												BOLT	WT.	POST						BOLT	WT.	WA	ASHER	
DES. NO.	SIZE (IN.)	LB/FT	LB/IN	DEPTH (IN.)	WIDTH (IN.)	THICK (IN.)	THICK (IN.)	IDESIGN	(IN.)	G (IN.)	(IN.)	(IN.)	(IN.)	(IN.)	(IN.)	(IN.)	d1 (IN.)	d2 (IN.)	P (IN.)	DIA.	(EA.) (LBS.)	DESIGN	(IN.)	(IN.)	(IN.)	(IN.)	d1 (IN.)	DIA.	(EA.) (LBS.)	OD IN.		THICK IN.
1	W6	9	0.75	5 <del>7</del>	4	<u>3</u>	<u>3</u> 16	1	4 <del> </del>	1	1 ½	4	2 1/4	7/8	1	1/2	<u>9</u> 16	<u>3</u> 4	<u>3</u> 16	1/2	0.76	1	4	2 1/4	7/8	<u>3</u> 16	<u>9</u> 16	1/2	2.45	1 3/16	<u>5</u> 8	<u> </u> 8
2	W6	15	1.25	6	6	1/4	1/4	2	5	1 1/4	1 1/4	6	3 <u>1</u>	1 1/4	1 ½	<u>3</u>	<u>     </u>   16	1 1/4	1/4	<u>5</u> 8	1.67	2	6	3 ½	1 1/4	1/4	<u>     </u>   16	<u>5</u> 8	4.89	1 5		$\neg$
3	W8	18	1.50	8 1/8	5 4	<u>5</u> 16	1/4	3	5	1 1/4	1 1/4	5 4	2 <del>3</del> 4	1 1/4	1 1/4	3/4	<u>II</u> 16	1 16	1/4	<u>5</u>	1.51	3	5 4	2 <del>3</del> 4	1 1/4	<u>5</u> 16	16	<u>5</u>	5.32	1 16	Ī6	8
4	W10	22	1.83	10 1/8	5 <del>3</del>	<u>3</u> 8	1/4	4	6	1 ½	1 ½	5 <del>3</del>	2 <del>3</del> / <sub>4</sub>	1 ½	1 <del>3</del>	<u>13</u> 16	<u>13</u> 16	1 <del> </del>	<u>5</u> 16	<u>3</u>	2.52	4	5 <del>3</del>	2 <del>3</del> 4	1 ½	<u>5</u> 16	<u>13</u> 16	<u>3</u>	5.75			
5	W10	26	2.17	1 O <sup>3</sup> / <sub>8</sub>	5 <del>3</del>	7/16	1/4	5	6	1 ½	1 1/2	5 <del>3</del> 4	2 <del>3</del> 4	1 ½	1 3/8	<u>13</u> 16	<u>13</u> 16	1 1/8	<u>5</u> 16	3/4	2.52	5	5 <del>3</del>	2 <del>3</del> 4	1 ½	7 16	<u>13</u> 16	3/4	8.04	1 <u>15</u>	<u>13</u> 16	<u> </u>
6	W12	35	2.92	12 ½	6 <u>1</u>	1/2	<u>5</u> 16	6	6	1 ½	1 ½	6 ½	3 <del>1</del> / <sub>2</sub>	1 <del>1</del> 2	1 <del>5</del> 8	<u>13</u> 16	<u>13</u> 16	1 <del>5</del> 1 <del>16</del>	<u>3</u> 8	<u>3</u>	3.35	6	6 <u>1</u>	3 <del>1</del> / <sub>2</sub>	1 ½	1/2	<u>13</u> 16	<u>3</u> 4	10.47			

THE WEIGHT OF STRUCTURAL STEEL POSTS SHOWN IN THE CONTRACT HAS BEEN COMPUTED USING THE WEIGHTS SHOWN.

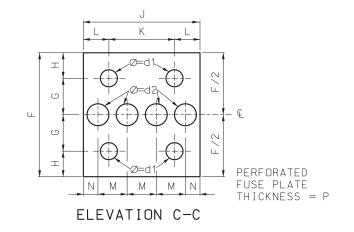


ONE DIRECTION BREAKAWAY



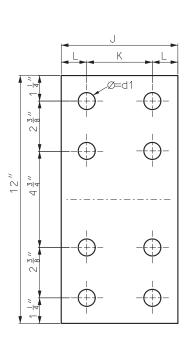
TWO DIRECTION BREAKAWAY

# PERFORATED FUSE PLATE AND SPLICE PLATE DETAIL



ALL HOLES SHALL BE DRILLED. ALL PLATE CUTS SHALL PREFERABLY BE SAW CUTS. HOWEVER: FLAME CUTTING WILL BE PERMITTED PROVIDED ALL EDGES ARE GROUND.

PERFORATED FUSE PLATE AND SPICE PLATE SHALL BE FABRICATED FROM ASTM A 36 STRUCTURAL STEEL.



SPLICE PLATE THICKNESS = U

ELEVATION D-D

#### NOTES:

FOR GENERAL NOTES, SEE SHEET 1.

FOR ROADWAYS WHERE TRAFFIC MAY STRIKE THE BACKSIDE OF THE POST, PERFORATED FUSE PLATES SHALL BE INSTALLED ON BOTH SIDES OF THE POST.



### MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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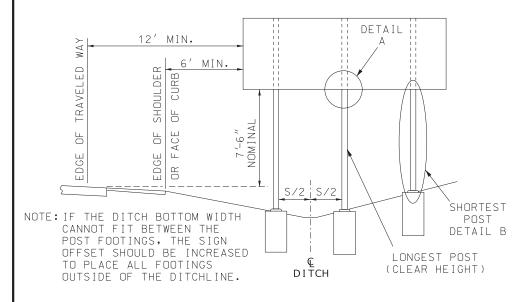
POST INSTALLATION
DETAILS
HINGE DETAILS
WIDE FLANGE (WF) POSTS

DATE EFFECTIVE:
DATE PREPARED:

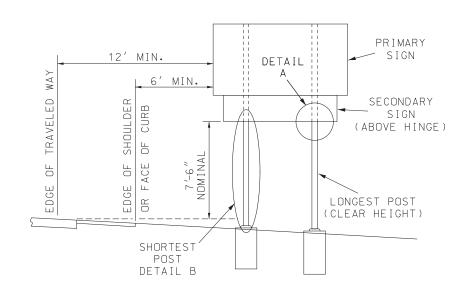
10/1/2025 7/7/2025

903.03BU

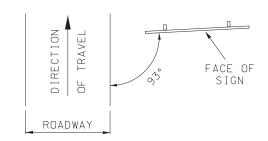
SHEET NO. 2 OF 12



DITCH SECTION

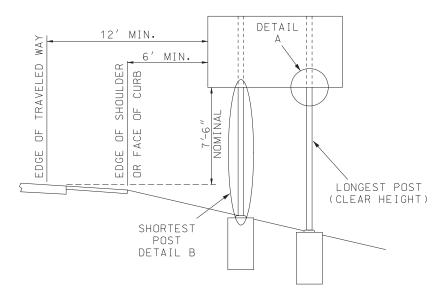


SECONDARY SIGN INSTALLATION ATTACHED TO SIGN POSTS

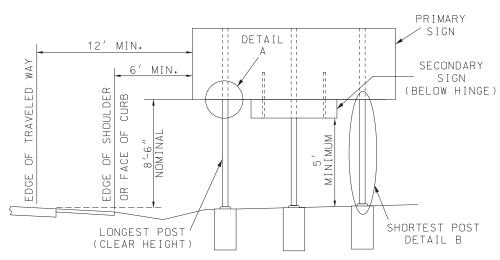


SIGN SKEWED 93° FROM ROADWAY TO MINIMIZE REFLECTIVE GLARE

SIGN ORIENTATION

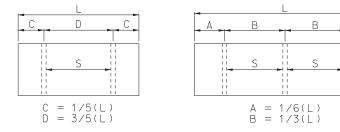


FILL SECTION



NOTE: THIS METHOD IS ONLY USED IF THE SECONDARY SIGN IS TOO NARROW TO ATTACH TO ALL POSTS.

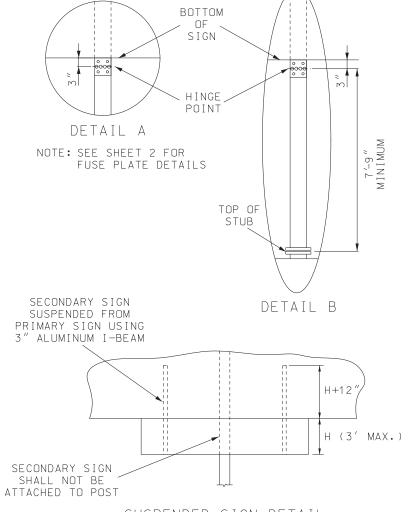
SECONDARY SIGN INSTALLATION SUSPENDED FROM PRIMARY SIGN



POST DESIGNS 3, 4, 5 AND 6 (18 LBS/FT OR HEAVIER) "S" SHALL BE A MINIMUM OF 7'
POST DESIGNS 1 AND 2 "S" MAY BE LESS THAN 7'
FOR "L" OF 6' TO 17' TYPICALLY USE TWO POSTS

FOR "L" GREATER THAN 17' TYPICALLY USE THREE POSTS
DO NOT USE THREE POSTS FOR "L" LESS THAN 11'

POST SPACING



SUSPENDED SIGN DETAIL

GENERAL NOTES:

FOR ADDITIONAL INFORMATION ON THE INSTALLATION OF WIDE FLANGE POSTS, SEE SHEET 1 AND 2.

THE MOUNTING HEIGHT OF THE SIGN, MEASURED FROM THE ROAD SURFACE, SHALL ONLY BE INCREASED TO ENSURE THE SHORTEST POST IS A MINIMUM 7'9".

THE CORRECT NUMBER AND SIZE OF POSTS REQUIRED IS CALCULATED BASED ON THE SIGN HEIGHT, WIDTH AND THE CLEAR HEIGHT. THE CLEAR HEIGHT IS THE LENGTH OF THE LONGEST POST MEASURED FROM THE TOP OF THE STUB TO THE HINGE POINT AND DIRECTLY EFFECTS THE NUMBER AND SIZE OF POSTS REQUIRED TO SUPPORT A SIGN.



## MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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# POST INSTALLATION DETAILS

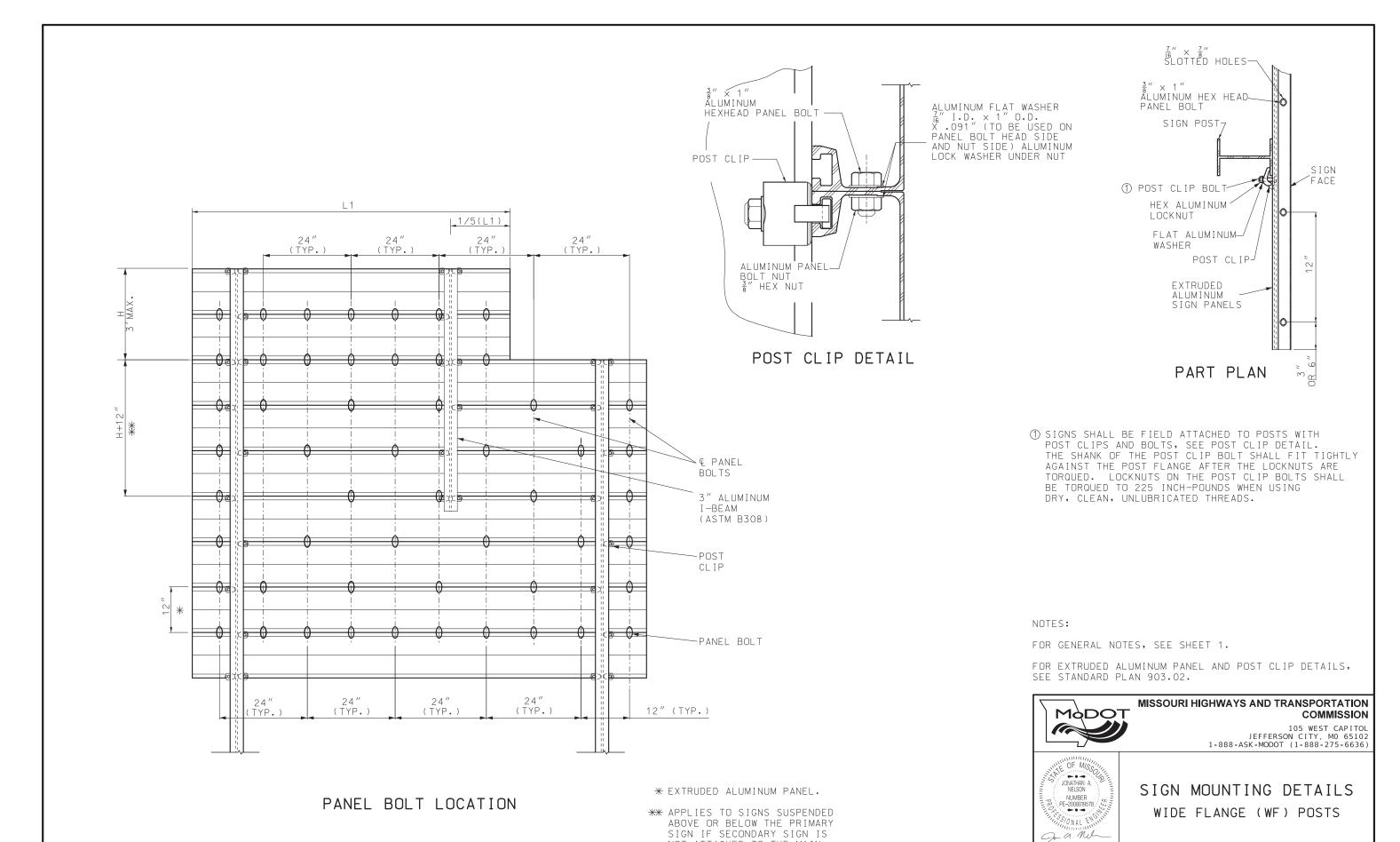
TYPICAL SECTION, MOUNTING HEIGHT AND POST SPACING WIDE FLANGE (WF) POSTS

DATE EFFECTIVE:
DATE PREPARED:

7/7/2025

903.03BU

03BU 3 OF 12



NOT ATTACHED TO THE MAIN

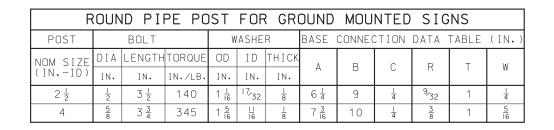
SIGN POSTS.

DATE EFFECTIVE: DATE PREPARED:

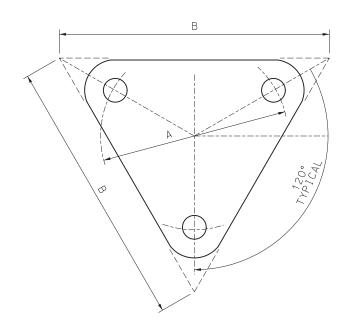
10/1/2025 7/7/2025

903.03BU

SHEET NO. 4 OF 12

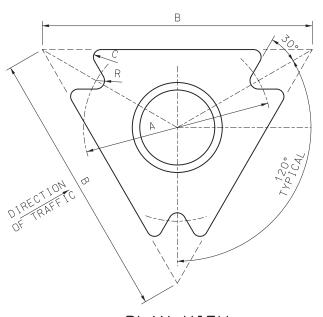


ROUN	D PIPE	POST	AND FOO	TING	DATA	TABLE		
NOM.	WEI	GHT	STUB LENGTH	FOC	TING	CONCRETE		
(IN.)	LBS/FT	LBS/IN	LLNOTTI	DIA.	DEPTH	C.Y.		
2 1/2	5.79	0.48	4'- 3½"	12"	4 ′-6 ″	0.13		
4	10.79	0.90	5'- 3½"	18"	5′-6″	0.36		



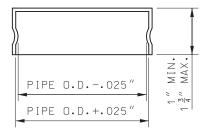
#### **BOLT RETAINER**

SHEET METAL BOLT RETAINER CUT FROM 30 GAUGE GALVANIZED SHEET METAL. PLACE BETWEEN BASE PLATES. SIZE VARIES TO FIT PLATE. BOLT HOLES SHALL BE  $\frac{1}{16}$ " LARGER THAN REQUIRED BOLT SIZE.



PLAN VIEW

ROLLED CRIMP TO ENGAGE PIPE O.D.



FRICTION CAP

#### NOTE:

FOR GENERAL NOTES, SEE SHEET 1.

FOR MOUNTING HEIGHT AND OFFSET DETAILS, SEE SHEET 11.



#### MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, M0 65102 1-888-ASK-MODOT (1-888-275-6636)

# On a No

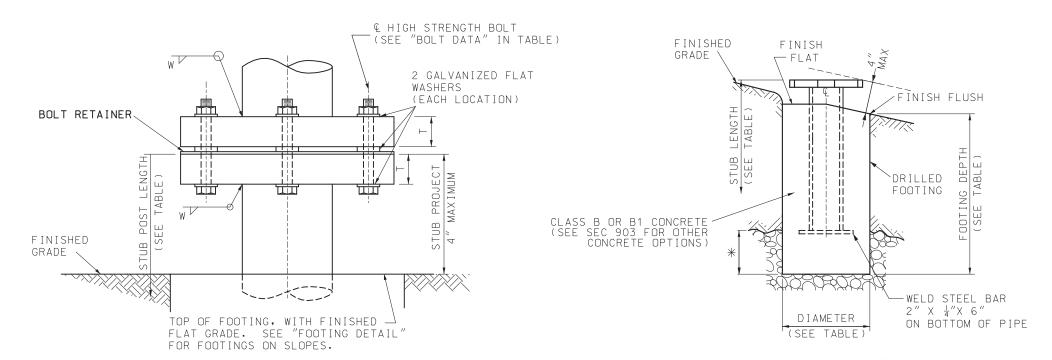
#### POST INSTALLATION DETAILS

PIPE POST

DATE EFFECTIVE: DATE PREPARED: 10/1/2025 7/7/2025

903.03BU

SHEET NO. 5 OF 12

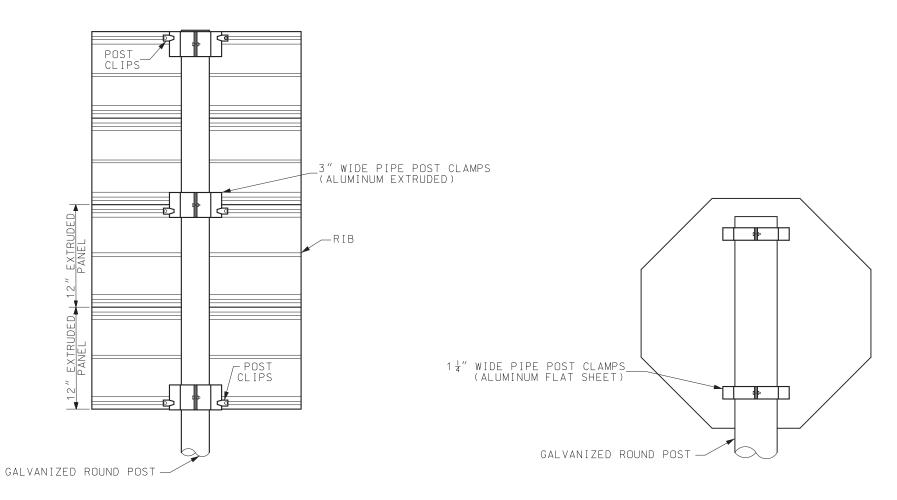


ELEVATION (STEEL PIPE POST BASE CONNECTION)

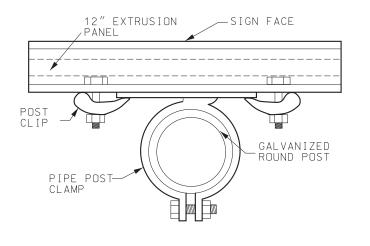
MULTI-DIRECTION SLIP BASE

\* 2' MAXIMUM IN ROCK FOR 2" DIA. PIPE, 3' MAXIMUM IN ROCK FOR 4" DIA. PIPE.

FOOTING DETAIL



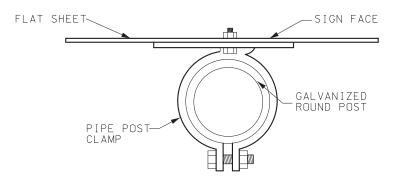
PROFILE VIEW



PROFILE VIEW

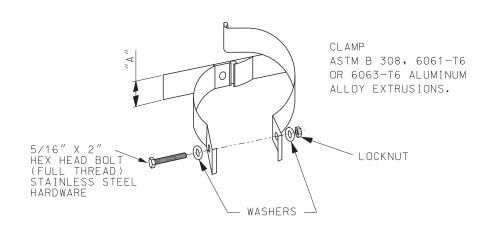
PLAN VIEW

MOUNTING DETAILS FOR EXTRUDED PANELS ON PIPE POST



PLAN VIEW

MOUNTING DETAILS FOR FLAT SHEET ON PIPE POST



#### CLAMP TYPE SIGN SUPPORT FOR PIPE POST

WIDTH OF PIP	E POST CLAMP
SIGN TYPE	MINIMUM "A"
FLAT	1 ¼"
STRUCTURAL	3 "

#### NOTES:

FOR GENERAL NOTES, SEE SHEET 1.

FOR MOUNTING HEIGHT AND OFFSET DETAILS, SEE SHEET 11.

FOR DETAILS OF EXTRUDED ALUMINUM PANEL AND POST CLIP DETAILS, SEE STANDARD PLAN 903.02.



MODOT

#### MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

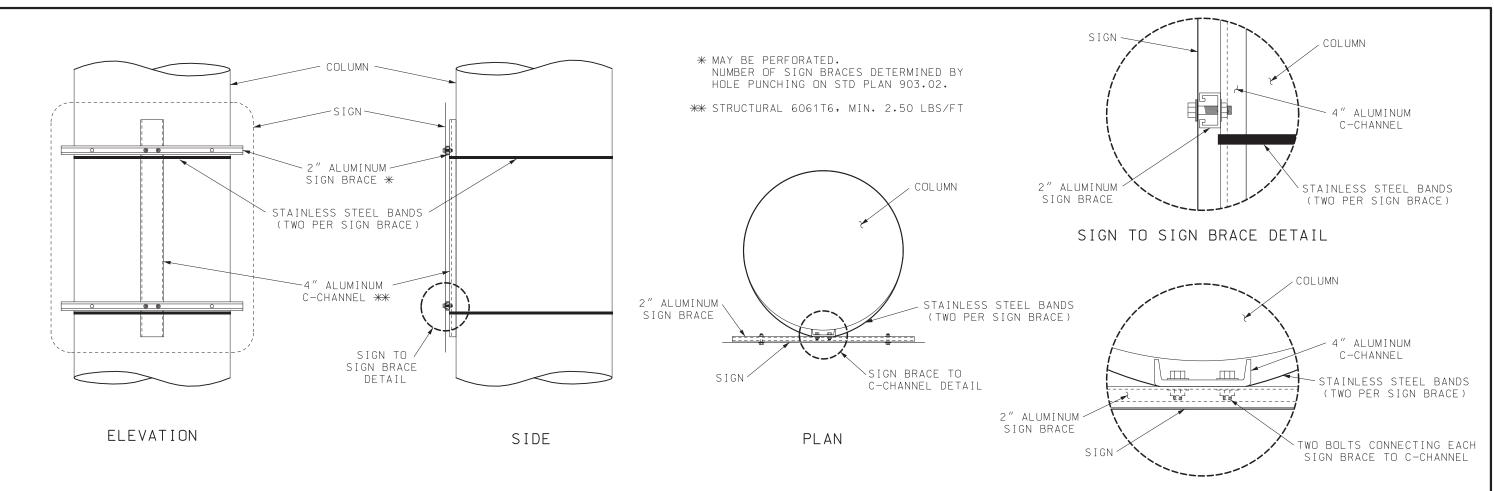
105 WEST CAPITOL JEFFERSON CITY, M0 65102 1-888-ASK-MODOT (1-888-275-6636)

SIGN MOUNTING DETAILS PIPE POST

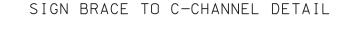
DATE EFFECTIVE: DATE PREPARED: 10/1/2025 7/7/2025

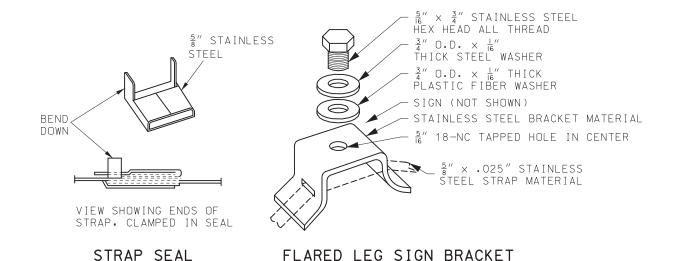
SHEET NO.

903.03BU 6 OF 12



SPECIAL MOUNTING FOR FLAT SHEET ≥ 36" WIDE ON ROUND STRUCTURES LOCATED ON FREEWAYS





MOUNTING DETAILS FOR FLAT SHEET ON ROUND STRUCTURES

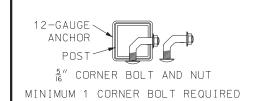
#### NOTES:

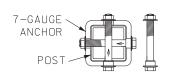
FOR GENERAL NOTES, SEE SHEET 1.

FOR MOUNTING HEIGHT AND OFFSET DETAILS, SEE SHEET 11.

SPECIAL MOUNTING BASED ON SIGN WIDTH IN CONJUNCTION WITH ROADWAY TYPE.





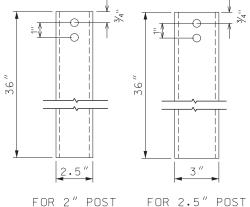


 $\frac{3}{8}$ "  $\times$  3.5" SHOULDER BOLT AND NUT 2 SHOULDER BOLTS REQUIRED, INSTALLED PERPENDICULAR TO EACH OTHER

12-GAUGE ANCHOR

7-GAUGE ANCHOR

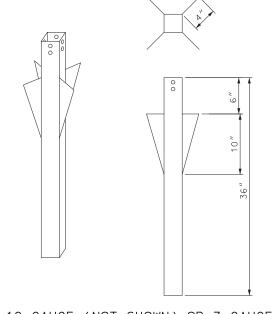
#### ANCHOR BOLT DETAIL



FOR 2" POST

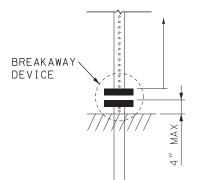
BOLT HOLE DIAMETER - 17/32 2 PER SIDE ON ALL 4 SIDES

#### 7-GAUGE ANCHOR FABRICATION DETAIL



12-GAUGE (NOT SHOWN) OR 7-GAUGE

OMNIDIRECTIONAL/STABILIZED DRIVEN ANCHOR DETAIL



2.5" + 2.25" POST COMPRISED OF 2.5" PSST WITH 6-FT INSERT OF 2.25" PSST THAT RUNS UP FROM THE BREAKAWAY DEVICE

THE BREAKAWAY DEVICE PORTION FIXED TO THE GROUND ANCHOR SHALL BE NO HIGHER THAN 4" ABOVE THE FINISHED GRADE

BREAKAWAY AND 2.5" + 2.25" POST DETAIL

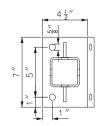
ANCHOR TUBE SHALL BE 7-GAUGE

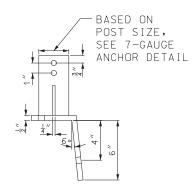
1/2" X 4 1/2"GALVANIZED MECHANICAL FASTENERS SHALL BE USED TO ATTACH ANCHOR TO BARRIER WALL

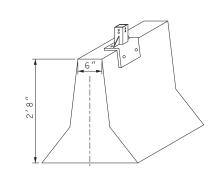
SHOULDER BOLTS SHALL BE USED TO ATTACH PSST POST TO ANCHOR (SEE ANCHOR BOLT DETAIL)

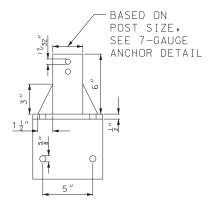
ANCHOR SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER SECTION 1080

FURNISHING AND INSTALLATION OF BARRIER WALL POST ANCHOR FOR PSST SHALL BE PAID PER EACH AS CONCRETE POST ANCHOR



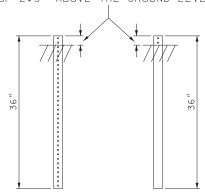






BARRIER WALL MOUNTING DETAIL

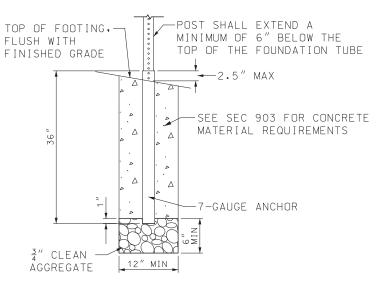
#### THE ANCHOR SHOULD BE A MAXIMUM OF 2.5" ABOVE THE GROUND LEVEL



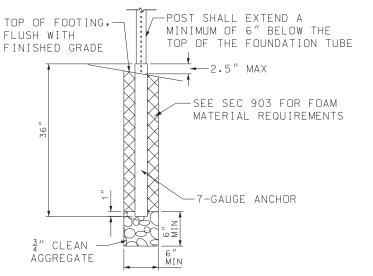
DRIVEN ANCHOR INSTALLATION DETAIL

7-GAUGE

12-GAUGE



CONCRETE FOOTING DETAIL



POLYURETHANE FOAM FOOTING DETAIL

#### NOTES:

FOR GENERAL NOTES, SEE SHEET 1.

FOR MOUNTING HEIGHT AND OFFSET DETAILS, SEE SHEET 11.

ALL BREAKAWAY DEVICES USED ON AN INSTALLATION SHALL BE CERTIFIED NCHRP 350 COMPLIANT.

# MODOT

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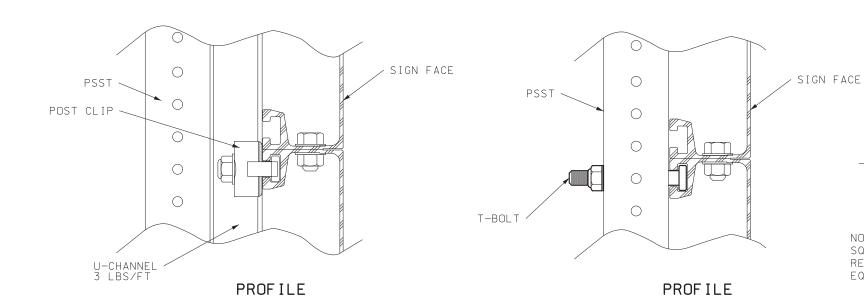
POST INSTALLATION DETAILS PERFORATED SQUARE STEEL TUBE (PSST)

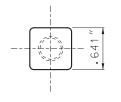
DATE EFFECTIVE: DATE PREPARED:

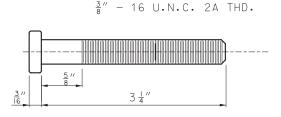
10/1/2025 7/7/2025

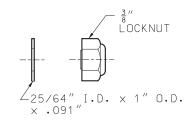
903.03BU

SHEET NO. 8 OF 12

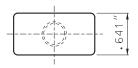








SQUARE BOLT HEAD SHOWN MAY BE REPLACED WITH RECTANGULAR BOLT HEAD WITH THE NARROW DIMENSION EQUAL TO .641".

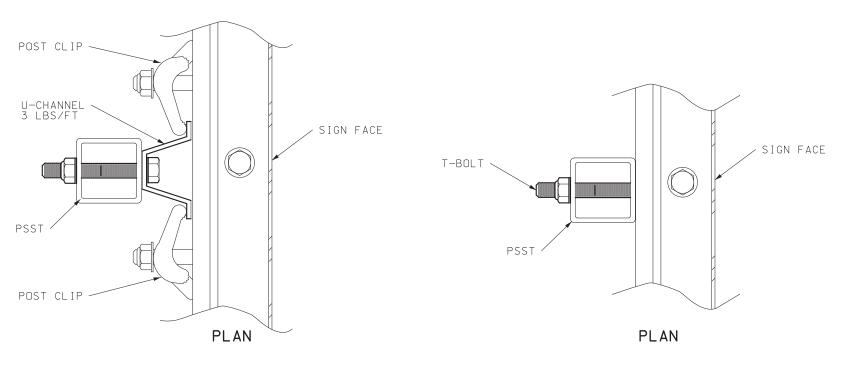


BOLT - 1  $\frac{3}{4}$   $\times$   $\frac{3}{8}$  ALUMINUM BOLT - 3  $\frac{1}{4}$   $\times$   $\frac{3}{8}$  ALUMINUM HEX LOCKNUT -  $\frac{3}{8}$ " ALUMINUM WASHER - ALUMINUM

T-BOLT DETAIL

NOTES: - ALUMINUM BOLTS SHALL BE ASTM B 211, 2024-T4 OR 6061-T6 - ALUMINUM FLAT WASHERS SHALL BE ASTM B 209, ALCLAD 2024-T4 OR 2024-T4

- ALUMINUM LOCK NUTS (NYLON INSERT) SHALL BE ASTM B 211 OR 2017-T4



POST CLIP METHOD

T-BOLT METHOD

EXTRUDED PANEL MOUNTING DETAIL

ATTACH ST	F BOLTS TO EEL CHANNEL ST POST
SIGN HEIGHT	NO, OF BOLTS PER PSST POST USED
1 ′	2
2 ′	3
3 ′	4
4 ′	5
5′	6
6′	7
7′	8

NOTES:

FOR THE GENERAL NOTES, SEE SHEET 1.

FOR MOUNTING HEIGHT AND OFFSET DETAILS, SEE SHEET 11.

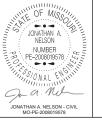
FOR POST CLIP DETAILS, SEE STANDARD PLAN 903.02.

ALTERNATE PSST MOUNTING HARDWARE USE SHALL BE ON APPROVED LIST.



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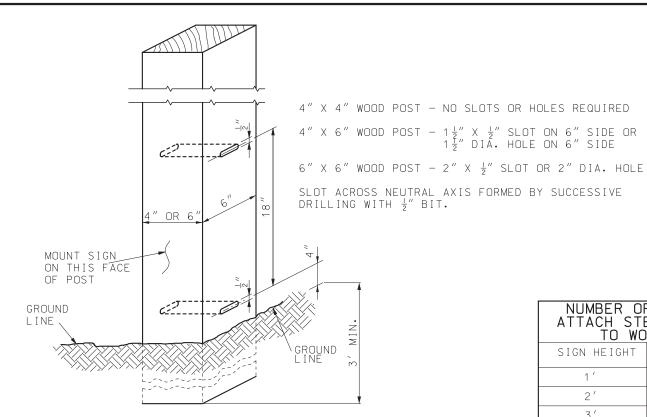
SIGN MOUNTING DETAILS PERFORATED SQUARE STEEL TUBE (PSST)

DATE EFFECTIVE: DATE PREPARED:

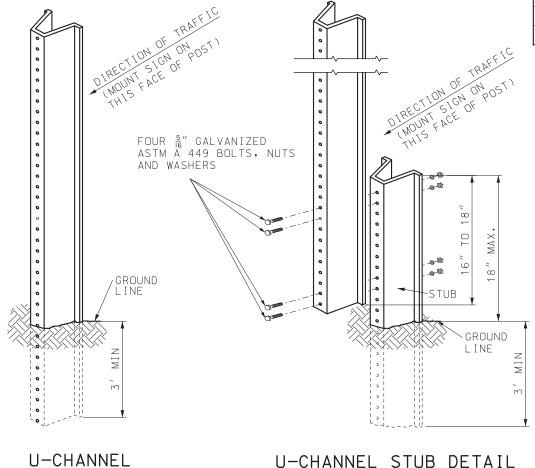
10/1/2025 7/7/2025

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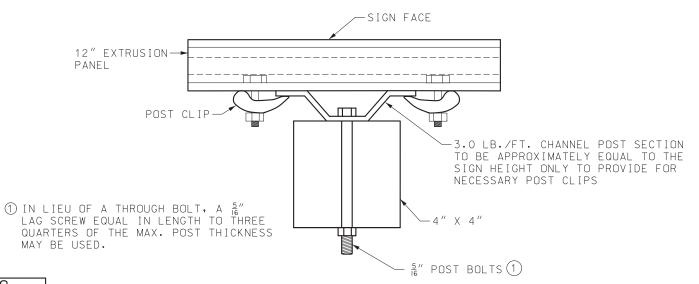


WOOD POST DETAIL



OPTIONAL INSTALLATION

POST DETAIL



#### NUMBER OF BOLTS TO ATTACH STEEL CHANNEL TO WOOD POST SIGN HEIGHT NO. OF BOLTS PER WOOD POST USED 2 2′ 3 4 4 ′ 5 5′ 6 6′ 7

1½" DIÁ. HOLE ON 6" SIDE

#### PLAN VIEW

#### MOUNTING DETAILS FOR EXTRUDED PANELS ON WOOD POST

# NOTES:

FOR GENERAL NOTES, SEE SHEET 1.

ALL POSTS SHALL BE EMBEDDED A MINIMUM OF 3 FEET INTO THE GROUND.

U-CHANNEL POST-STUB OVERLAP SHALL BE POSITIONED ENTIRELY BETWEEN GROUND LINE AND 18" ABOVE GROUND LINE.

FOR POST CLIP DETAILS, SEE STANDARD PLAN 903.02.

FOR MOUNTING HEIGHT AND OFFSET DETAILS, SEE SHEET 11.

#### POST TYPE SIGN AREA (SQ.FT.) U-CHANNEL WOOD 1 - 4" X 4"\* 1 - 3.0 LB./FT.\*≤ 10 > 10 ≤ 16 2 - 3.0 LB./FT. - 4″ X <u>6″</u>₩ 2 - 3.0 LB./FT. 2 - 4" X 6" > 16 ≤ 24 $2 - 4'' \times 6''$ > 24 ≤ 30 3 - 3.0 LB./FT. > 30 ≤ 50 N/A 2 - 6" X 6"

\* SIGNS GREATER THAN 4 FEET IN WIDTH REQUIRE TWO POSTS, EXCEPT DIAMOND SHAPED WARNING SIGNS, YIELD SIGNS, AND ONE WAY SIGNS.

POST SIZE REQUIREMENTS



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#### POST INSTALLATION DETAILS WOOD AND

U-CHANNEL POST

DATE EFFECTIVE: DATE PREPARED:

10/1/2025 7/7/2025

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