

## GENERAL NOTES

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS.

- 1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" X 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- 2. ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE AP REFLECTORIZED SHEETING.
- 3. THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
- 4. ALL BORDERS SHALL BE 3/4 " WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- 5. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
  - \* A.K.T. CORPORATION SCHAUMBURG, TI
- \* AMERICAN FABRICATION CO. CHICAGO HEIGHTS, IL
- \* TUCKER COMPANY, INC. WAUWATOSA, WI
- \* WESTERN TRAFFIC CONTROL, INC.

## PARTS LISTING:

SIGN CHANNEL

PART #HPN053 (MED. CHANNEL) SIGN SCREWS

1/4 " x 14 x 1" H.W.H #3

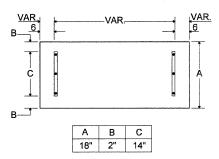
SELF TAPPING WITH NEOPRENE WASHER

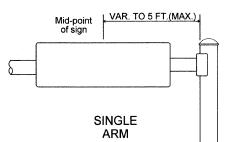
BRACKETS

PART #HPN034 (UNIVERSAL)

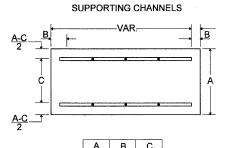
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

### SUPPORTING CHANNELS





# SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM shall be used. See Note #5.



*-			
j			
	Α	В	С
	18"	2"	12"
	30"	2"	22"

# Secure Sign to Mast Arm DUAL

ARM

UPPER TO LOWER CASE SPACING CHART 8-6 INCH SERIES "C & D"

			SECOND LETTER														
		a c		bh Im r	пp	f	w	j		S	†	٧	у	х		Z	
	SERIES	С	D	С	D	С	D	С	D	С	D	С	D	С	D	С	D
	A W X	12		14	15				10	11	14	06			12	1 <sup>2</sup>	
	В	14		20	2 <sup>1</sup>	14			1 <sup>2</sup>			1 <sup>2</sup>			14	16	
	CEG	14		20	21	1 <sup>2</sup>				1 <sup>2</sup>			14		1 <sup>5</sup>		
	DOQR	14		20	2 <sup>1</sup>	14				1 <sup>2</sup>					1 <sup>5</sup>	14	1 <sup>5</sup>
	F	0 <sup>5</sup>	06	14	1 <sup>5</sup>	06	10					06	10	06	10	1 <sup>1</sup>	12
	HIMN	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>2</sup>	24	20	2 <sup>1</sup>	14	1 <sup>5</sup>				- 1		2 <sup>1</sup>	2 <sup>0</sup>	21
	JU	20	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>	1 <sup>6</sup>	17		15			16			17		21
	ΚL	11	1 <sup>2</sup>	16			12	05			12	11	1 <sup>2</sup>		12	1 <sup>2</sup>	
	Р	12	14	14	1 <sup>5</sup>	1 <sup>2</sup>	14		06	11	12	11	1 <sup>2</sup>		14	1 <sup>2</sup>	14
	S	1 <sup>2</sup>	14	16	17	12	14			12	14		14		14	12	14
ĺ	T	11	12	16	17	06	10			11	12	11	12		12	12	14
	٧	06		14		11	1 <sup>2</sup>			12	14		14		14	12	
	Y	0 <sup>5</sup>		14	15	06									10	11	12
	Z	16	17	2 <sup>2</sup>	2 <sup>4</sup>	16	17	1 <sup>2</sup>	14	1 <sup>6</sup>	17	16	17	1 <sup>6</sup>	17	2 <sup>0</sup>	2 <sup>1</sup>

### LOWER CASE TO LOWER CASE

SPACING CHART 6 INCH SERIES "C" & "D"

		,															
SECOND LETTER																	
F		a c		b h I m r		f	w		ı	s	†	٧	у	>	(	z	
Ι	SERIES	С	D	С	D	С	D	C	D	С	D	С	D	С	D	С	D
R S	adgh ijlm nqu	1 <sup>6</sup>	17	2 <sup>2</sup>	2 <sup>4</sup>	16	17	12	14	14	15	14	15	16	17	16	17
T	bfkops	1 <sup>2</sup>	14	16	17	11	1 <sup>2</sup>	05	06		1 <sup>2</sup>	11	1 <sup>2</sup>	12	14	12	14
L	Се	1 <sup>2</sup>	14	1 <sup>6</sup>	17	1 <sup>2</sup>	14	06	1 <sup>0</sup>		14	12	14	1 <sup>2</sup>	14	1 <sup>2</sup>	14
Ε	r	06	10	1 <sup>2</sup>	14	06	10	03	03		06	0 <sup>5</sup>	06	06	10	06	10
T	† z	1 <sup>2</sup>	14	16	17	1 <sup>2</sup>	14	06	10		1 <sup>2</sup>	11	1 <sup>2</sup>	1 <sup>2</sup>	14	12	14
T	νу	11	12	14	15	-	1 <sup>2</sup>	05			10	06			12	11	1 <sup>2</sup>
E	w	11	1 <sup>2</sup>	14	1 <sup>5</sup>	11	1 <sup>2</sup>	0 <sup>5</sup>	06		1 <sup>2</sup>	11	1 <sup>2</sup>	11	12	12	14
R	×	12	14	16	17	11	1 <sup>2</sup>	05	06	11	12	11	1 <sup>2</sup>	11	12	12	14

### NUMBER TO NUMBER

SPACING CHART 8 INCH SERIES "C" & "D"

			SECOND NUMBER																		
_			 )		1	- 2		3		4		5		6		7	,	8		9	
F	SERIES	С	n	٦	D	С	D	С	D	c l	D	c	D	С	D	C	D	c	D	С	D
R	0 9	16	17	16		14		12	14	14	15	14	15	16	17	12	14	16		16	
S	1	20	2 <sup>1</sup>	20	2 <sup>1</sup>	20	2 <sup>1</sup>	16	17	14	1 <sup>5</sup>	20	2 <sup>1</sup>	20	2 <sup>1</sup>	14	15	2 <sup>0</sup>	2 <sup>1</sup>	2 <sup>0</sup>	2 <sup>1</sup>
N	2 3 4	14	15	14	15	14		12	14	12	14	14	15	14	1 <sup>5</sup>	11	12	16	17	14	15
U	5	14	15	14	15	14	15	11	12	11	12	14	15	14	15	11	12	14	15	14	15
M B	6	16	17	14	15	14	15	12	15	12	14	14	15	14	15	11	1 <sup>2</sup>	14	15	14	1 <sup>5</sup>
E	7	12	14	12	14	14	15	12	15	05	06	12	14	14	15	11	12	14	15	12	14
'`	8	16	17	16	17	14	15	12	15	12	14	14	15	16	17	12	14	16	17	14	15

# EXAMPLE. 2 DENOTES 3/8"

UPPER AND LOWER CASE LETTER WIDTHS

L T T E R S	6 INCH UPPER CASE LETTERS		8 INCH CASE LE		L E T E R S	6 INCH LOWER CASE LETTERS				
T <sub>E</sub>	SEF	IES	SEF	RIES	T <sub>E</sub>	SERIES				
s	С	D	С	D	, K	С	D			
Α	3 <sup>6</sup>	5 <sup>0</sup>	50	6 <sup>5</sup>	a	35	42			
В	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	53	b	3 <sup>5</sup>	42			
С	3 <sup>2</sup>	4 <sup>0</sup>	4 <sup>3</sup>	53	С	<b>3</b> 5	4 <sup>1</sup>			
D	3 <sup>2</sup>	4 <sup>0</sup>	43	5 <sup>3</sup>	d	3 <sup>5</sup>	42			
E	30	3 <sup>5</sup>	40	4 <sup>7</sup>	е	3 <sup>5</sup>	42			
F	30	3 <sup>5</sup>	40	47	f	2 <sup>3</sup>	2 <sup>6</sup>			
G	3 <sup>2</sup>	4 <sup>0</sup>	43	53	g	3 <sup>5</sup>	42			
Н	3 <sup>2</sup>	40	43	53	h	35	42			
I	07	07	11	12	ī	1 <sup>1</sup>	11			
J	30	3 <sup>6</sup>	40	50	J	20	22			
К	3 <sup>2</sup>	4 <sup>1</sup>	43	54	k	3 <sup>5</sup>	4 <sup>2</sup>			
L	3 <sup>0</sup>	35	40	47	1	11	1 1			
м	37	4 <sup>5</sup>	51	61	m	6 <sup>0</sup>	70			
N	3 <sup>2</sup>	40	43	53	n	3 <sup>5</sup>	42			
0	3 <sup>4</sup>	42	45	55	0	36	43			
Р	3 <sup>2</sup>	40	43	5 <sup>3</sup>	p	35	42			
Q	34	42	45	5 <sup>5</sup>	q	35	42			
R	32	40	4 <sup>3</sup>	5 <sup>3</sup>	r	2 <sup>6</sup>	32			
s	32	40	4 <sup>3</sup>	5 <sup>3</sup>	s	36	42			
Т	30	35	40	47	t	2 <sup>7</sup>	32			
U	3 <sup>2</sup>	40	43	5 <sup>3</sup>	u	3 <sup>5</sup>	42			
٧	3 <sup>5</sup>	44	47	60	v	4 <sup>2</sup>	47			
w	44	5 <sup>2</sup>	60	70	w	5 <sup>5</sup>	64			
х	34	40	4 <sup>5</sup>	53	x	44	51			
Y	36	50	5 <sup>0</sup>	6 <sup>6</sup>	у	46	53			
Z	3 <sup>2</sup>	40	43	5 <sup>3</sup>	z	36	43			

N <sub>UMBER</sub>	6 INCH	SERIES	8 INCH SERIES					
"BER	С	D	С	D				
1	t²	14	1 <sup>5</sup>	2 <sup>0</sup>				
2	3 <sup>2</sup>	40	43	5 <sup>3</sup>				
3	3 <sup>2</sup>	40	4 <sup>3</sup>	5 <sup>3</sup>				
4	3 <sup>5</sup>	40	47	5 <sup>7</sup>				
5	3 <sup>2</sup>	40	43	5 <sup>3</sup>				
6	32	40	43	5 <sup>3</sup>				
7	3 <sup>2</sup>	40	43	5 <sup>3</sup>				
8	3 <sup>2</sup>	40	43	53				
9	3 <sup>2</sup>	40	4 <sup>3</sup>	53				
0	3 <sup>4</sup>	4 <sup>2</sup>	4 <sup>5</sup>	5 <sup>5</sup>				

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS

DEVON AVENUE AND ARLINGTON HEIGHTS ROAD

SCALE: NONE

DATE: 5/27/08 DESIGNED BY: BRD CHECKED BY: JJE

CONTRACT NO. 63055

MAST ARM MOUNTED STREET NAME SIGNS FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT M-8003(569