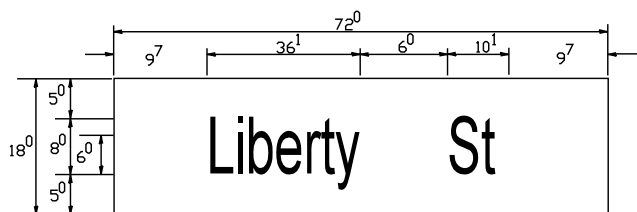
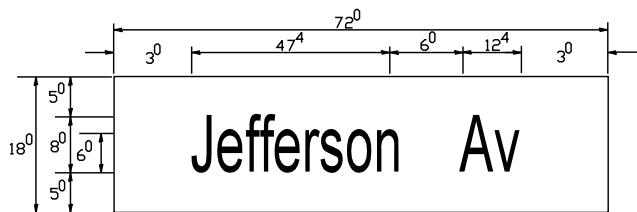


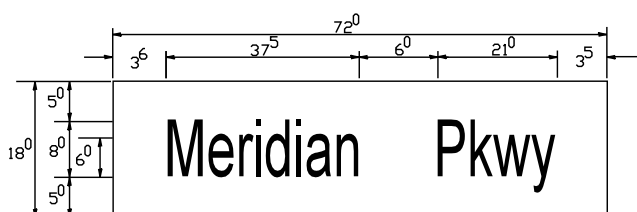
**PANEL SIGN DESIGN TYPE 1**



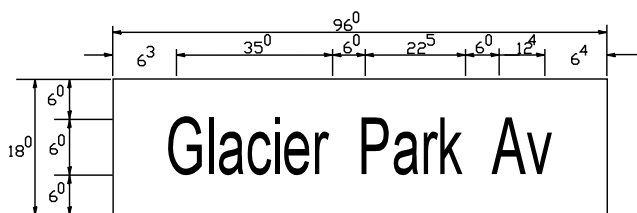
\_\_\_ Sq. M. each  
9 Sq. Ft. each  
1 Required  
Design Series D



\_\_\_ Sq. M. each  
9 Sq. Ft. each  
1 Required  
Design Series D

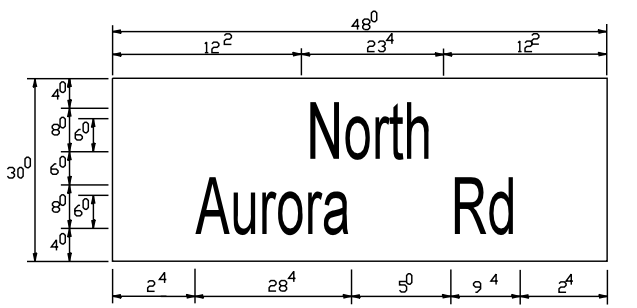


\_\_\_ Sq. M. each  
9 Sq. Ft. each  
1 Required  
Design Series C



\_\_\_ Sq. M. each  
12 Sq. Ft. each  
1 Required  
Design Series C

**PANEL SIGN DESIGN TYPE 2**



\_\_\_ Sq. M. each  
10 Sq. Ft. each  
2 Required  
Design Series C

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

**GENERAL NOTES**

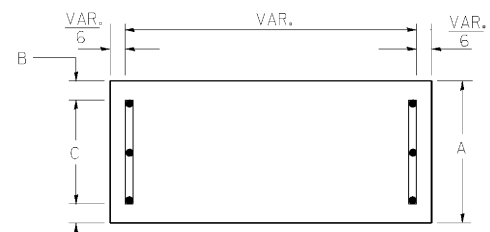
- 1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE 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 A SHEETING.
- 3. THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-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 SIGNA, POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:

- \* J.O. HERBERT CO. MIDLOTHIAN, VA.
- \* WESTERN REMAC INC. WOODRIDGE, IL.

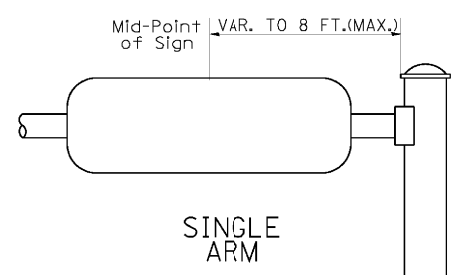
**PARTS LISTING:**  
SIGN CHANNEL: PART \*HPN053 (MED. CHANNEL)  
SIGN SCREWS: 1/4" x 14 x 1" H.W.H. #3  
SELF TAPPING WITH NEOPRENE WASHER  
BRACKETS: PART \*HPN034 (UNIVERSAL)  
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

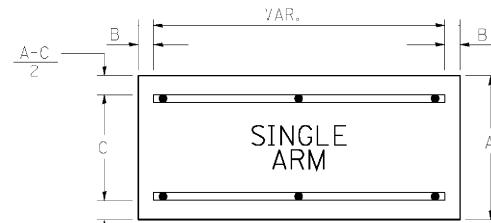
**SUPPORTING CHANNELS**



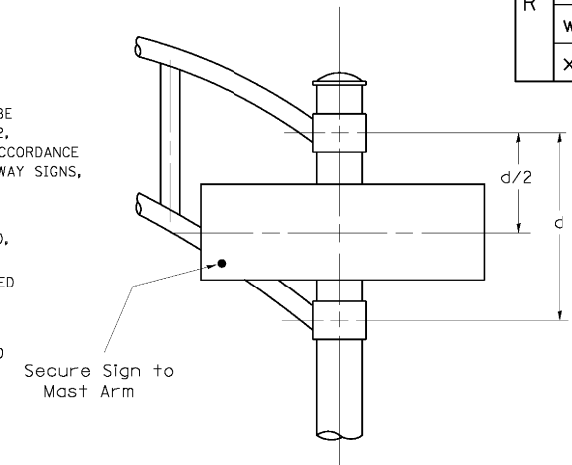
A	B	C
18"	2"	14"



**SUPPORTING CHANNELS**



A	B	C
18"	2"	12"
30"	2"	22"



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

Upper Case To Lower Case  
Spacing Chart 8-6 Inch Series "C & D"

SERIES	SECOND LETTER																
	acde		bhikl				f	w	j		st		v	y	x		z
	g	o	q	m	n	p	r	u	C	D	C	D	C	D	C	D	
A W X	12	14	14	15	12	14	06	10	11	14	06	10	11	12	12	14	
B	14	15	20	21	14	15	11	12	14	15	12	14	12	14	16	17	
C E G	14	15	20	21	12	14	06	10	12	14	12	14	14	15	14	15	
D O Q R	14	15	20	21	14	15	06	10	12	14	12	14	14	15	14	15	
F	05	06	14	15	06	10	05	06	06	10	06	10	05	10	11	12	
H I M N	20	21	22	24	20	21	14	15	16	17	16	17	20	21	20	21	
J U	20	21	20	21	16	17	14	15	16	17	16	17	16	17	20	21	
K L	11	12	16	17	11	12	05	06	11	12	11	12	11	12	12	14	
P	12	14	14	15	12	14	05	06	11	12	11	12	12	14	12	14	
S	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14	
T	11	12	16	17	06	10	06	10	11	12	11	12	11	12	12	14	
V	06	10	14	15	11	12	06	10	12	14	12	14	12	14	12	14	
Y	05	06	14	15	06	10	05	06	05	07	05	06	05	10	11	12	
Z	16	17	22	24	16	17	12	14	16	17	16	17	16	17	20	21	

Lower Case To Lower Case  
Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER																
	acde		bhikl				f	w	j		st		v	y	x		z
	g	o	q	m	n	p	r	u	C	D	C	D	C	D	C	D	
adhgij	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17	
lmnqu	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14	
bfkops	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14	
c e	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14	
r	06	10	12	14	06	10	03	03	05	06	05	06	05	10	06	10	
t z	12	14	16	17	12	14	06	10	11	12	11	12	12	14	12	14	
v y	11	12	14	15	11	12	05	06	06	10	06	10	11	12	11	12	
w	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14	
x	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14	

Number To Number  
Spacing Chart 8 Inch Series "C & D"

SERIES	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	16	17	16	17	14	15	12	14	14	15	14	15	16	17	12	14	16	17	16	17
1	20	21	20	21	20	21	16	17	14	15	20	21	20	21	14	15	20	21	20	21
2 3 4	14	15	14	15	14	15	12	14	12	14	14	15	14	15	11	12	16	17	14	15
5	14	15	14	15	14	15	11	12	11	12	14	15	14	15	11	12	14	15	14	15
6	16	17	14	15	14	15	12	15	12	14	14	15	14	15	11	12	14	15	14	15
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 <sup>(3)</sup> DENOTES 3/8

**UPPER AND LOWER CASE LETTER WIDTHS**

LETTERS	UPPER AND LOWER CASE LETTER WIDTHS						
	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		6 INCH LOWER CASE LETTERS		
	SERIES		SERIES		SERIES		
	C	D	C	D		C	D
A	36	50	50	65	a	35	42
B	32	40	43	53	b	35	42
C	32	40	43	53	c	35	41
D	32	40	43	53	d	35	42
E	30	35	40	47	e	35	42
F	30	35	40	47	f	23	26
G	32	40	43	53	g	35	42
H	32	40	43	53	h	35	42
I	07	07	11	12	i	11	11
J	30	36	40	50	j	20	22
K	32	41	43	54	k	35	42
L	30	35	40	47	l	11	11
M	37	45	51	61	m	60	70
N	32	40	43	53	n	35	42
O	34	42	45	55	o	36	43
P	32	40	43	53	p	35	42
Q	34	42	45	55	q	35	42
R	32	40	43	53	r	26	32
S	32	40	43	53	s	36	42
T	30	35	40	47	t	27	32
U	32	40	43	53	u	35	42
V	35	44	47	60	v	42	47
W	44	52	60	70	w	55	64
X	34	40	45	53	x	44	51
Y	36	50	50	66	y	46	53
Z	32	40	43	53	z	36	43

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
	1	12	14	15
2	32	40	43	53
3	32	40	43	53
4	35	43	47	57
5	32	40	43	53
6	32	40	43	53
7	32	40	43	53
8	32	40	43	53
9	32	40	43	53
0	34	42	45	55

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PLOT SCALE = *SCALE*	DESIGNED BY - JHM	DRAWN - JHM	REVISED -
PLOT DATE = 12/6/2012	CHECKED - KMM	CHECKED BY - KMM	REVISED -
	DATE -	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED  
STREET NAME SIGNS

SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A. RTE. 338	SECTION (112 & 113) WRS-7	COUNTY DU PAGE	TOTAL SHEETS 1156	SHEET NO. 682
TS-90		CONTRACT NO. 60R30		