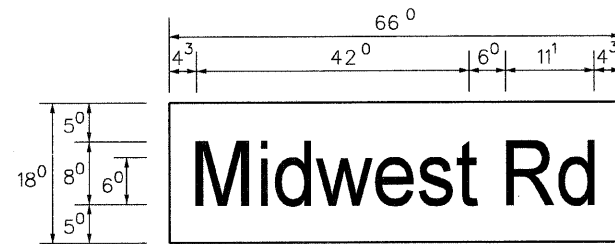


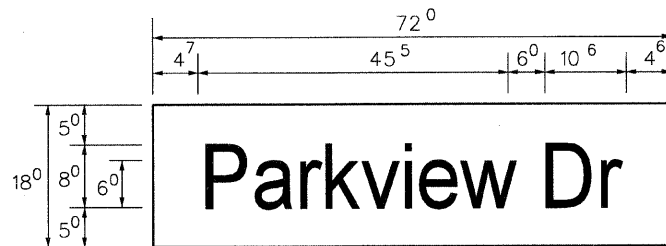
PANEL SIGN DESIGN TYPE 1

___ Sq. M. each
6.0 Sq. Ft. each
4 Required
Design Series D



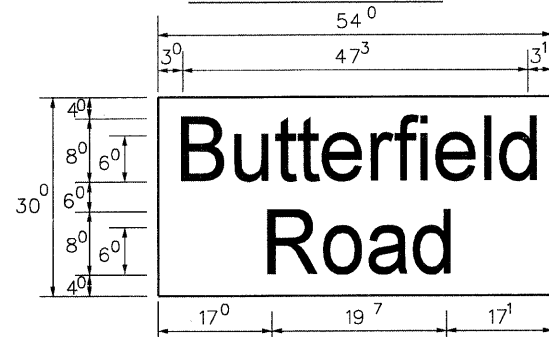
PANEL SIGN DESIGN TYPE 1

___ Sq. M. each
8.25 Sq. Ft. each
2 Required
Design Series D



PANEL SIGN DESIGN TYPE 1

___ Sq. M. each
9 Sq. Ft. each
1 Required
Design Series D



PANEL SIGN DESIGN TYPE 2
GENERAL NOTES

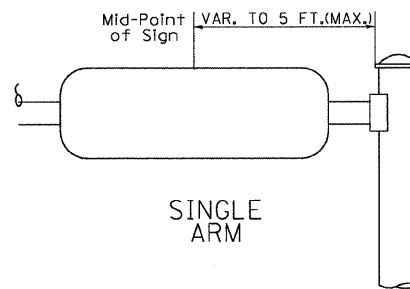
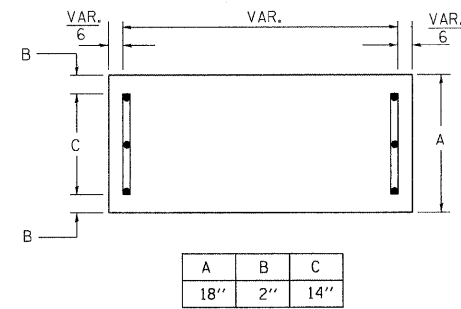
- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS 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.
- ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
- THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
- ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- 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, IL
- * TUCKER COMPANY, INC. WAUWATOSA, WI
- * AMERICAN FABRICATION CO. CHICAGO HEIGHTS, IL
- * WESTERN TRAFFIC CONTROL INC. CICERO, IL

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

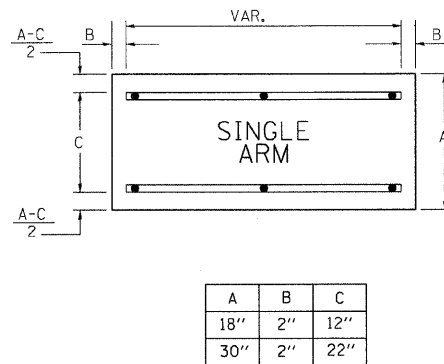
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

SUPPORTING CHANNELS

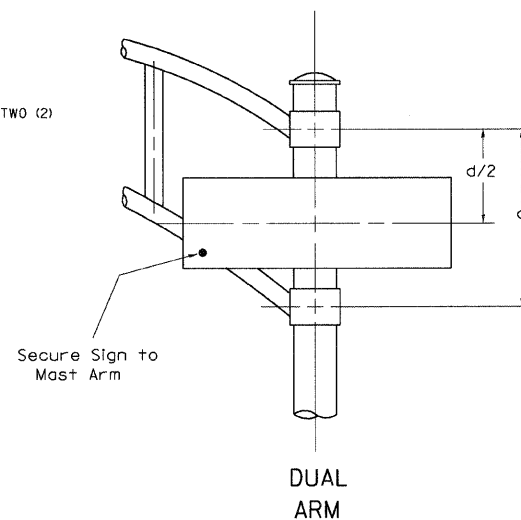


SINGLE ARM

SUPPORTING CHANNELS



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



DUAL ARM

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

EXAMPLE, 2³ DENOTES 3/8

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

SERIES*	SECOND LETTER																	
	o c d e		g o q		b h i k l		m n p r u		f w		j		s t		v y		x z	
	C	D	C	D	C	D	C	D	C	D	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	12	14
B	14	15	20	21	14	15	11	12	14	15	12	14	12	14	14	15	14	15
C E G	14	15	20	21	12	14	06	10	12	14	12	14	14	14	15	14	15	
D O O R	14	15	20	21	14	15	06	10	12	14	12	14	12	14	14	15	14	15
F	05	06	14	15	06	10	05	06	06	10	06	10	06	10	06	10	11	12
H I M N	20	21	22	24	20	21	14	15	16	17	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	20	21
K L	11	12	16	17	11	12	05	06	11	12	11	12	11	12	12	14	12	14
P	12	14	14	15	12	14	05	06	11	12	11	12	12	14	12	14	12	14
S	12	14	16	17	12	14	06	10	12	14	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	12	14
V	06	10	14	15	11	12	06	10	12	14	12	14	12	14	12	14	12	14
Y	05	06	14	15	06	10	05	06	05	07	05	06	06	10	11	12	12	14
Z	16	17	22	24	16	17	12	14	16	17	16	17	16	17	20	21	20	21

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

SERIES*	SECOND LETTER																	
	o c d e		g o q		b h i k l		m n p r u		f w		j		s t		v y		x z	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
a d h g i j	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17	16	17
l m n q u	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14	12	14
b f k o p s	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14	12	14
c e	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14	12	14
r	06	10	12	14	06	10	03	03	05	06	05	06	06	10	06	10	06	10
t z	12	14	16	17	12	14	06	10	11	12	11	12	12	14	12	14	12	14
v y	11	12	14	15	11	12	05	06	06	10	06	10	11	12	11	12	11	12
w	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14	12	14
x	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14	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	14	15	14	15	11	12	16	17	14	15	14	15
5	14	15	14	15	14	15	11	12	14	14	15	14	15	11	12	14	15	14	15	15
6	16	17	14	15	14	15	12	14	14	15	14	15	11	12	14	15	14	15	14	15
7	12	14	12	14	14	15	12	14	14	15	11	12	14	14	15	12	14	15	14	15
8	16	17	16	17	14	15	12	14	14	15	16	17	12	14	16	17	14	15	14	15

UPPER AND LOWER CASE LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS				8 INCH UPPER CASE LETTERS				6 INCH LOWER CASE LETTERS			
	SERIES		SERIES		SERIES		SERIES		SERIES		SERIES	
	C	D	C	D	C	D	C	D	C	D	C	D
A	3 ⁶	5 ⁰	5 ⁰	6 ⁵	a	3 ⁵	4 ²					
B	3 ²	4 ⁰	4 ³	5 ³	b	3 ⁵	4 ²					
C	3 ²	4 ⁰	4 ³	5 ³	c	3 ⁵	4 ¹					
D	3 ²	4 ⁰	4 ³	5 ³	d	3 ⁵	4 ²					
E	3 ⁰	3 ⁵	4 ⁰	4 ⁷	e	3 ⁵	4 ²					
F	3 ⁰	3 ⁵	4 ⁰	4 ⁷	f	2 ³	2 ⁶					
G	3 ²	4 ⁰	4 ³	5 ³	g	3 ⁵	4 ²					
H	3 ²	4 ⁰	4 ³	5 ³	h	3 ⁵	4 ²					
I	0 ⁷	0 ⁷	1 ¹	1 ²	i	1 ¹	1 ¹					
J	3 ⁰	3 ⁶	4 ⁰	5 ⁰	j	2 ⁰	2 ²					
K	3 ²	4 ¹	4 ³	5 ⁴	k	3 ⁵	4 ²					
L	3 ⁰	3 ⁵	4 ⁰	4 ⁷	l	1 ¹	1 ¹					
M	3 ⁷	4 ⁵	5 ¹	6 ¹	m	6 ⁰	7 ⁰					
N	3 ²	4 ⁰	4 ³	5 ³	n	3 ⁵	4 ²					
O	3 ⁴	4 ²	4 ⁵	5 ⁵	o	3 ⁶	4 ³					
P	3 ²	4 ⁰	4 ³	5 ³	p	3 ⁵	4 ²					
Q	3 ⁴	4 ²	4 ⁵	5 ⁵	q	3 ⁵	4 ²					
R	3 ²	4 ⁰	4 ³	5 ³	r	2 ⁶	3 ²					
S	3 ²	4 ⁰	4 ³	5 ³	s	3 ⁶	4 ²					
T	3 ⁰	3 ⁵	4 ⁰	4 ⁷	t	2 ⁷	3 ²					
U	3 ²	4 ⁰	4 ³	5 ³	u	3 ⁵	4 ²					
V	3 ⁵	4 ⁴	4 ⁷	6 ⁰	v	4 ²	4 ⁷					
W	4 ⁴	5 ²	6 ⁰	7 ⁰	w	5 ⁵	6 ⁴					
X	3 ⁴	4 ⁰	4 ⁵	5 ³	x	4 ⁴	5 ¹					
Y	3 ⁶	5 ⁰	5 ⁰	6 ⁶	y	4 ⁶	5 ³					
Z	3 ²	4 ⁰	4 ³	5 ³	z	3 ⁶	4 ³					

NUMBERS

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	1 ²	1 ⁴	1 ⁵	2 ⁰
2	3 ²	4 ⁰	4 ³	5 ³
3	3 ²	4 ⁰	4 ³	5 ³
4	3 ⁵	4 ³	4 ⁷	5 ⁷
5	3 ²	4 ⁰	4 ³	5 ³
6	3 ²	4 ⁰	4 ³	5 ³
7	3 ²	4 ⁰	4 ³	5 ³
8	3 ²	4 ⁰	4 ³	5 ³
9	3 ²	4 ⁰	4 ³	5 ³
0	3 ⁴	4 ²	4 ⁵	5 ⁵

REVISIONS

NAME	DATE
D.A.Z./D.A.G.	11/90
	6/98
CADD	10/00

Illinois Department of Transportation
DISTRICT 1

MAST ARM MOUNTED STREET NAME SIGNS

SCALE: NONE
DATE:

DRAWN BY: RDB
DESIGNED BY: JHE
CHECKED BY: DAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	228

CONTRACT NO. 60D12

FILE NAME: s:\2007\me07981.22nd.street\add\shs\168012-SHT-DETAILS6-SIGN.dgn
PLOT SCALE: 1/8"=1'-0"
USER NAME: Millenno Engineering

200 22ND Street, Suite 216, Lombard, IL 60148
630.705.0110 voice, 630.839.2566 fax
www.millennoeng.com

DESIGNED	TVN	REVISED	
DRAWN	TVN	REVISED	
CHECKED	RPD	REVISED	
DATE	7/24/2009	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE STANDARD DETAILS
TC-2

SCALE: NTS SHEET NO.#TC2OF 362 SHEETS STA. TO STA.