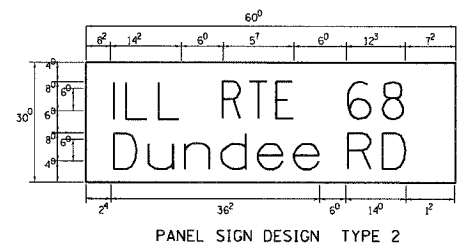
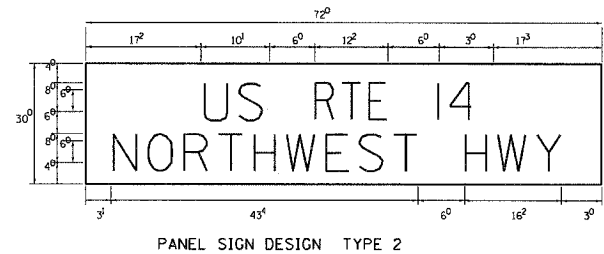


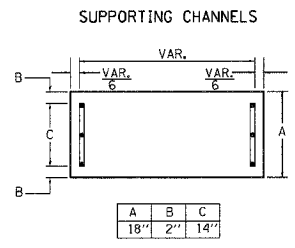
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	#	COOK	283	125
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
# 700-Y-R & 70HB-R-1		62897		



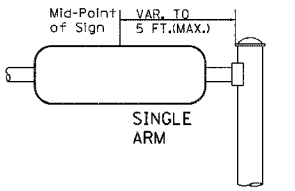
1.161 Sq. M. each
 XXX Sq. Ft. each
 2 Required
 Design Series D.



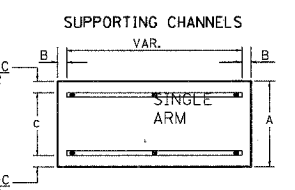
1.161 Sq. M. each
 XXX Sq. Ft. each
 2 Required
 Design Series C.



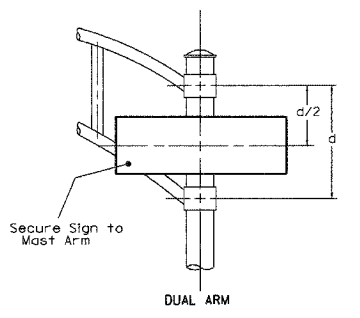
A	B	C
18"	2"	14"



SINGLE ARM



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



DUAL ARM

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															
	a c d e		g o q		b h k l		m n p r		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
A W X	12	14	14	15	12	14	06	10	11	14	06	10	11	12	14	14
B	14	15	20	21	14	15	11	12	14	15	12	14	14	15	16	17
C E G	14	15	20	21	14	15	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	10	06	10	06	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	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	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	10	05	07	05	06	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															
	a d h g i j		l m n q u		b f k o p s		c e		r		t z		v y		w x	
	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
l m n q u	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17
b f k o p s	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	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	06	06	10	06	10	11	12	11	12	
w x	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14
	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14

Number To Number
 Spacing Chart 6 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						
0 9	16	17	16	17	14	15	12	14	14	15	15	16	17	16	17	
1	20	21	20	21	20	21	16	17	14	15	20	21	14	15	20	21
2 3 4	14	15	14	15	14	15	12	14	14	15	14	15	11	12	16	17
5	14	15	14	15	14	15	11	12	11	12	14	15	11	12	14	15
6	16	17	14	15	14	15	12	14	14	15	14	15	11	12	14	15
7	12	14	14	15	14	15	12	14	14	15	14	15	11	12	14	15
8	16	17	16	17	14	15	12	14	14	15	14	15	11	12	14	15

UPPER AND LOWER CASE
 LETTER WIDTHS

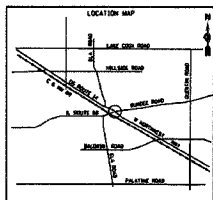
LETTERS	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		6 INCH LOWER CASE LETTERS		
	SERIES		SERIES		SERIES		
	C	D	C	D	C	D	
A	36	50	50	65	a	35	42
B	32	40	43	53	b	35	42
C	32	40	43	53	c	35	41
D	32	40	43	53	d	35	42
E	30	35	40	47	e	35	42
F	30	35	40	47	f	35	42
G	32	40	43	53	g	35	42
H	32	40	43	53	h	35	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	
	SERIES		SERIES	
	C	D	C	D
1	12	14	15	20
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

EXAMPLE, 2 DENOTES 3/8"

NOTE:
 ALL DIMENSIONS ARE IN ENGLISH SYSTEM.
 CONTRACTOR
 TO USE PROPER CONVERSION TO METRIC SYSTEM.

- 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
 - AMERICAN FABRICATION CO., CHICAGO HEIGHTS, IL
 - TUCKER COMPANY, INC., WAUWATOSA, WI
 - 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/BRACKET OF THE ABOVE PRODUCT.



REVISIONS	
NAME	DATE

TS- 13 OF 13

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 68 AT U.S. ROUTE 14
 MAST ARM MOUNTED
 STREET NAME SIGNS

SCALE NONE
 DATE NOVEMBER 2006

DRAWN BY R.P.J.
 DESIGNED BY D.S.
 CHECKED BY A.D.O.

Rick Johns
 1007 - District 01
 02-05-1001-STV-03 - IL 68 over US 14
 02-05-1001-STV-03 - IL 68 over US 14
 11/27/2006 3:43:39 PM 1.0000 M / M.