COL. SIZE	2 x 1/8		2 1/2 x 1/8		3 x 1/8		3 1/2 x 3/16		4 x 1/4		4 1/2 x 1/4		5 x 1/4		6 x 1/4		8 x 5/16	
FOUNDATION	0 x 4-6		0 x 4-9		0 x 4-9		0 x 6-0		2-0 x 4-0		2-0 x 4-0		2-0 x 4-3		2-0 x 5-0		2-0 x 5-6	
Sign Identification Number	HEIGHT (FT)																	
	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to
1				14	14	17	17	24	24	25								
2					14		14	20	20	25								
3							17		17	25								
4					7		7	11	11	21	21	25						
5	---		---		---		---		---		---		---		---		---	
6							12		12	21	21	25						
7							6		6	14	14	17	17	21	21	25		
8					17		17	23	23	25								
9							19		19	25								
10							14		14	25								
11							12		12	21	21	25						
12									13		13	17	17	20	20	25		
13							14		14	25								
14							12		12	23	23	25						
15							12		12	24	24	25						
16							12		12	21	21	25						
17							8		8	16	16	20	20	24	24	25		
18									14		14	18	18	22	22	25		
19									11		11	14	14	17	17	25		
20	---		---		---		---		---		---		---		---		---	
21					7		7	11	11	21	21	25						
22							10		10	18	18	23	23	25				
23							11		11	19	19	23	23	25				
24							9		9	17	17	21	21	25				
25							12		12	24	24	25						
26							12		12	23	23	25						
27							12		12	21	21	25						
28							12		12	22	22	25						
29							12		12	21	21	25						
30							11		11	20	20	24	24	25				
31							9		9	17	17	21	21	25				
32							8		8	16	16	20	20	24	24	25		
33							11		11	19	19	23	23	25				
34							9		9	17	17	21	21	25				
35							10		10	18	18	22	22	25				
36							8		8	16	16	20	20	24	24	25		
37										12	12	16	16	20	20	25		
38										11	11	15	15	18	18	25		
39										11	11	13	13	17	17	25		
40	---		---		---		---		---		---		---		---		---	
41										10	10	11	11	13	13	20	20	25
42												10	10	11	11	18	18	25
43	---		---		---		---		---		---		---		---		---	
44				15	15	18	18	24	24	25								
45					14		14	20	20	25								
46							20		20	25								
47							20		20	25								
48							19		19	25								
49							18		18	25								
50							17		17	25								
51							17		17	25								
52							17		17	25								

COL. SIZE	2 x 1/8		2 1/2 x 1/8		3 x 1/8		3 1/2 x 3/16		4 x 1/4		4 1/2 x 1/4		5 x 1/4		6 x 1/4		8 x 5/16	
FOUNDATION	0 x 4-6		0 x 4-9		0 x 4-9		0 x 6-0		2-0 x 4-0		2-0 x 4-0		2-0 x 4-3		2-0 x 5-0		2-0 x 5-6	
Sign Identification Number	HEIGHT (FT)																	
	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to	(+)	to
53							16		16	25								
54							15		15	25								
55							14		14	25								
56					9		9	13	13	25								
57							13		13	24	24	25						
58							12		12	24	24	25						
59							12		12	23	23	25						
60							12		12	23	23	25						
61					8		8	13	13	22	22	25						
62							12		12	21	21	25						
63							12		12	21	21	25						
64					6		6	12	12	20	20	24	24	25				
65							11		11	19	19	24	24	25				
66							11		11	19	19	23	23	25				
67							10		10	18	18	22	22	25				
68							10		10	18	18	22	22	25				
69							10		10	18	18	22	22	25				
70							9		9	17	17	21	21	25				
71	---		---		---		---		---		---		---		---		---	
72							9		9	17	17	21	21	25				
73							8		8	16	16	20	20	24	24	25		
74	---		---		---		---		---		---		---		---		---	
75							7		7	14	14	18	18	22	22	25		
76							7		7	14	14	18	18	22	22	25		
77										13	13	17	17	21	21	25		
78							7		7	14	14	18	18	22	22	25		
79	---		---		---		---		---		---		---		---		---	
80									12		12	14	14	17	17	25		
81									11		11	13	13	16	16	24	24	25
82	---		---		---		---		---		---		---		---		---	
83	---		---		---		---		---		---		---		---		---	
84	---		---		---		---		---		---		---		---		---	
85	---		---		---		---		---		---		---		---		---	
86									10		10	11	11	14	14	21	21	25
87												11	11	12	12	19	19	25
88	---		---		SEE NOTE INDEX NO 11860						---		---		---		---		---	
89	---		---		---		---		---		---		---		---		---	
90	---		---		---		---		---		---		---		---		---	
91	---		---		---		---		---		---		---		---		---	

The Column Size is O.D. x Wall Thickness in inches

The Foundation Size is O.D. x Depth in feet & inches. A zero O.D.means that a concrete foundation is not necessary.

NOTES

1. Work this Standard with Standard Index Numbers 11860 and 11865.
2. To determine column (post) size and footing requirements use the required Sign Identification Number and Sign Height (H), Designs for Heights (H) lower than those listed in the Table are included in Standard Index Number 11865.
3. Single Column installations are not allowed for heights (H) exceeding the maximum height shown in the Table, and for sign profiles (Sign Identification Numbers) without any design tablulated. In this event, the sign(s) will have to be supported by multiple columns (posts) using breakaway devices. See Standard Index Number 9535.
4. The Column (Post) material shall be aluminum. The size is given as outside diameter and wall thickness. Columns (posts) larger than 3 1/2" x 3/16" are non-fragible and shall be installed with breakaway supports and will have concrete footings and slip bases.
5. The foundation size is given as outside diameter and depth.
   a) Frangible Supports: The Column (Post) shall be driven into the ground to the depth indicated or set into preformed holes to the specified depth with suitable backfill tamped into compacted layers not exceeding 6", or filled with flowable fill or bagged concrete. The cost of the flowable fill or bagged concrete shall be included in the cost of the sign."
   b) Breakaway Supports: Foundations for Breakaway Supports require concrete. The column support shall be set in a concrete foundation, sized as shown in the table. The first dimension indicates the diameter and the second dimension the depth into the ground. In all cases the ground is to be considered as undisturbed earth, road material, or properly compacted fill.

80 M.P.H. WIND LOADING

COLUMN SIZE , COLUMN HEIGHT & COLUMN FOOTINGS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SINGLE COLUMN GROUND SIGNS

	Names	Dates
Designed By	DER	10/94
Drawn By	DDDS	10/94
Checked By	RES	11/94

Approved By: D. W. Brown
State Structures Design Engineer

Revision	Sheet No.	Index No.
04	1 of 1	11863