

TRAFFIC SIGNAL STANDARD FOUNDATION SELECTION TABLE

SIGNAL STANDARD	24" DIAMETER	30" DIAMETER	36" DIAMETER	42" DIAMETER
DESCRIPTION	FOOTING DEPTH	FOOTING DEPTH	FOOTING DEPTH	FOOTING DEPTH
TYPE I, II, V, VI, VII STANDARD				
10'-14' HEIGHT	4'	4'	3'	-
15'-17' HEIGHT	6'	6'	5'	-
TYPE IV SIGNAL STANDARD				
0'-25' MAST ARM	-	11'	11'	11'
26'-30' MAST ARM	-	12'	12'	12'
31'-35' MAST ARM	-	12'	12'	12'
36'-39' MAST ARM	-	13'	13'	13'
40'-45' MAST ARM	-	15'	15'	15'
46'-50' MAST ARM	-	16'	15'	15'
51'-55' MAST ARM	-	16'	16'	16'
56'-60' MAST ARM	-	17'	17'	17'
61'-65' MAST ARM	-	18'	18'	18'
COMBO SIGNAL STANDARD 30' MT HEIGHT				
0'-25' MAST ARM	-	11'	11'	11'
26'-30' MAST ARM	-	12'	12'	12'
31'-35' MAST ARM	-	13'	13'	13'
36'-39' MAST ARM	-	14'	14'	14'
40'-45' MAST ARM	-	16'	15'	15'
46'-50' MAST ARM	-	16'	16'	16'
51'-55' MAST ARM	-	17'	16'	16'
56'-60' MAST ARM	-	18'	17'	17'
61'-65' MAST ARM	-	19'	18'	18'
COMBO SIGNAL STANDARD 40' MT HEIGHT				
0'-25' MAST ARM	-	12'	12'	12'
26'-30' MAST ARM	-	13'	13'	13'
31'-35' MAST ARM	-	13'	13'	13'
36'-39' MAST ARM	-	14'	14'	14'
40'-45' MAST ARM	-	16'	15'	15'
46'-50' MAST ARM	-	16'	16'	16'
51'-55' MAST ARM	-	17'	16'	16'
56'-60' MAST ARM	-	18'	17'	17'
61'-65' MAST ARM	-	19'	18'	18'
COMBO SIGNAL STANDARD 50' MT HEIGHT				
0'-25' MAST ARM	-	12'	12'	12'
26'-30' MAST ARM	-	13'	13'	13'
31'-35' MAST ARM	-	13'	13'	13'
36'-39' MAST ARM	-	14'	14'	14'
40'-45' MAST ARM	-	16'	16'	16'
46'-50' MAST ARM	-	16'	16'	16'
51'-55' MAST ARM	-	17'	17'	17'
56'-60' MAST ARM	-	18'	18'	17'
61'-65' MAST ARM	-	19'	19'	18'

FOUNDATION REINFORCING TABLE

FOOTING DEPTH	LONGITUDINAL REINFORCING
12' or Less	8 - #5
13'-14'	8 - #6
15'-16'	8 - #7
17'-19'	8 - #8

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TRA-3A
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**STANDARD DETAILS
TRAFFIC SIGNAL STANDARD
FOUNDATION SELECTION TABLE**

