

TRAFFIC SIGNAL STANDARD FOUNDATION SELECTION TABLE

SIGNAL STANDARD DESCRIPTION	24" DIAMETER FOOTING DEPTH	30" DIAMETER FOOTING DEPTH	36" DIAMETER FOOTING DEPTH	42" DIAMETER 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

FOORING DEPTH	LONGITUDINAL REINFORCING
12' OR LESS	8 - #5
13' - 14'	8 - #6
15' - 16'	8 - #7
17' - 19'	8 - #8

City Plate No.:

TRA-3A

Last Revision:

12/18/2020

Section:

3800

STANDARD DETAILS

TRAFFIC SIGNAL STANDARD
FOUNDATION SELECTION TABLE