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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

| FOOTING 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**

