

GENERAL NOTES

1. A minimum of three 2" conduit inlets shall be installed per foundation.
2. Conduit inlet not used shall be capped below grade. More inlets shall be installed as required on plans.
3. Foundation types P-1 and M shall conform to all minor differences of individual designs for all accepted cabinets.
4. The ground rod for the M, P-1, and A foundations may be installed inside the foundations as shown if there is a minimum length of 8 ft protruding from the bottom of the foundation. If the ground rod is installed outside the foundation it shall be 8 ft long. The ground wire shall be brought through the foundation via 3/8" conduit elbow or straight section installed at an angle.
5. A round foundation may be supplied in lieu of the square type A or signal mast arm foundations.
Use the following equivalents:
 - 2'-0 square = 2'-6 round
 - 2'-6 square = 3'-0 round
 - 3'-0 square = 3'-6 round

**MAST ARM POLE AND STEEL STRAIN
POLE FOUNDATION DATA**

SIGNAL MAST ARM					
LENGTH OF MAST ARM	A	B	C	D	E
12', 15', 20', 25'	2'-6"	7'-0"	6'-1/4"	1'-3"	1'- 1/4" x 4'-0"
30', 35', 40' ALL TWIN M.A.	3'-0"	8'-0"	6'-1/4"	1'-3"	1'- 1/4" x 4'-0"
SIGNAL MAST ARM Length of Mast Arm					
18' or 22'	3'-0"	8'-0"	6'-1/4"	1'-1/2"	1'- 1/2" x 5'-0"
STEEL STRAIN POLE					
Size					
12" x 24"	3'-0"	8'-0"	5'-3/4"	1'-4"	1'- 3/4" x 7'-6"
15" x 30"	3'-0"	12'-0"	7'-3/4"	1'-10"	2'- 1/4" x 7'-6"
COMBINATION POLE (With Luminaire)	3'-0"	8'-0"	6'-1/4"	1'-3"	1'- 1/4" x 4'-0"



- 1 Four #3 reinforcing bars of 7'-6 length required approximately 4 in. from outside surface of concrete.
- 2 Dimension A denotes the diameter of the foundation. The steel strain pole shall be 3'-0 round.

INDIANA DEPARTMENT OF TRANSPORTATION	
FOUNDATION DATA AND GENERAL NOTES	
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STANDARD DRAWING NO. E 805-SGMA-07	
	/s/ Richard L. VanCleave 3-01-05 DESIGN STANDARDS ENGINEER DATE
DESIGN STANDARDS ENGINEER	/s/ Richard K. Smutzer 3-01-05 CHIEF HIGHWAY ENGINEER DATE