NOTES:

2. Install minimum 3 - 2" dia. conduits for each foundation.
3. Conduits not used shall be capped below grade. More inlets shall be installed as required on plans.
4. Make a permanent line on top of the concrete foundation indicating the direction of the 2" conduits' exit.
5. Concrete footpad shall be constructed of the same class concrete as the foundation.
1. Anchor bolts shall be installed as required on plans.
3. Install minimum 3 - 2" dia. conduits for each foundation.
4. Conduits not used shall be capped below grade. More inlets shall be installed as required on plans.
5. Make a permanent line on top of the concrete foundation indicating the direction of the 2" conduits' exit.
6. Concrete footpad shall be constructed of the same class concrete as the foundation.

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Concrete footpad shall be constructed of the same class concrete as the foundation.
**GENERAL NOTES:**

2. A minimum of two 2-in. dia. conduit inlets shall be installed for each foundation.
3. Conduit inlets not used shall be capped below grade. More inlets shall be installed as required on plans.
4. Make a permanent line on top of the concrete foundation indicating the direction of the 2-in. conduits' exit.
5. The ground rod has length 8 ft.

**PLAN**
- **Ground Rod**
- **Ground Wire**
- **2'-0" square**
- **1'-0 3/4" dia. Bolt Circle**
- **1/2" dia. Conduit**

**ELEVATION**
- **Ground Rod**
- **Ground Wire**
- **2" dia. Conduit With Grounding Bushing**
- **2" dia. 90° Bends**
- **Couplings**
- **2'-0"**
- **1'-0" min.**
- **3'-0"**
- **2 1/2"**
- **3 1/2"**
- **2'-0" square**

**INDIANA DEPARTMENT OF TRANSPORTATION**
**SIGNAL PEDESTAL FOUNDATION TYPE A**
**SEPTEMBER 2013**
**STANDARD DRAWING NO. E 805-SGCF-03**

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/s/ Alfredo B. Hanza 02/27/13
DESIGN STANDARDS ENGINEER

/s/ Mark A. Miller 03/27/13
CHIEF ENGINEER
NOTES:

1. Approximate weight for cast iron ring and cover shall be 320 lb.

2. The ring and cover shall be secure. Attachment hardware shall be countersunk.

3. See Standard Drawing E 805-SGCF-06 for Signal Handhole, Type II, Polymer Concrete and cover.
Chemical Anchoring System Required

Existing 1/2" dia. Conduit to Ground Rod

Ground Rod and Conduit Extension

Limits of Existing M Foundation

NOTES:


2. See Standard Drawing E 805-SGCF-02 for Type P-1 foundation details.

3. Existing anchor bolts shall be cut at or below top of existing foundation.

NOTE:
1. See Standard Drawing E 805-SGCF-04 for Signal Handhole, Type I, Concrete and cover.

Coarse Aggregate (No. 8 or larger)

2" Conduit and Bushing (Typ.)

Conduit Elbow (Typ.)

Handhole Cover

3/8" 16NC Hex Bolt
with Washer

3/8" 16NC Hex Bolt
with Washer

2'-6" Min.
3'-0" Max.

1'-6" Min.
2'-0" Max.

TRAFFIC SIGNALS

SECTION B-B

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNAL HANDHOLE, TYPE II
POLYMER CONCRETE

SEPTEMBER 2013

STANDARD DRAWING NO. E 805-SGCF-06