Ensure the top Slip-Base Plate clears all Anchor Bolts.

Furnish wire fabric material complying with Materials I.M. 443.01. Place wire fabric around anchor bolt circle between concrete foundation and base plate. Fill the fabric tight to the bottom surface of the baseplate and the top surface of the foundation to prevent rodent entry.

Refer to LI-201 for foundation details.

Torque to 1000 in. lbs.

LIST OF FASTENER HARDWARE
1" anchor bolts: 3 total.
1" x 4" bolts for slip-base: 3 total.
Plate washers: 6 total, 3 top plate and 3 bottom plate.
Circular washers: 9 total, 3 middle washers, 3 washers for leveling nuts, and 3 washers for anchor bolt nuts.
Lock washers: 3 total
Nuts: 9 total, 3 leveling nuts, 3 nuts for anchor bolts, and 3 nuts for slip-base bolts.

1" x 4" High Strength Bolt 2
1" Anchor Bolt 4

Ensure tops of Anchor Bolts are below the Top Slip-Base Plate so they will not interfere with the operation of the Top Slip-Base Plate.

Refer to LI-211 for foundation details.

Furnish wire fabric material complying with Materials I.M. 443.01. Place wire fabric around anchor bolt circle between concrete foundation and base plate. Fill the fabric tight to the bottom surface of the baseplate and the top surface of the foundation to prevent rodent entry.

IOWA DOT
STANDARD ROAD PLAN
LI-211
SLIP-BASE FOR LIGHT POLES

10-20-15
REVISION
1 SHEET 1 of 2

REVISIONS:
Removed lock washers.
Switched anchor plate and slip-base call outs in PLAN view on Sheet 1.
**Anchor Plate (galvanized)**

- **SLIP-BASE PLATE**
  - 1.2" dia. Bolt Circle
  - 1.4" dia.
  - 120°
  - 5" dia. Center hole in Bottom Slip-Base Plate.
  - Bottom Shaft dia. 1.25" in Top Slip-Base Plate.

- **KEEPER PLATE**
  - 1.2" dia. Bolt Circle
  - Drill 0.5" dia. Holes (3 required)
  - 1.4" dia.
  - 120°
  - 28 gage thickness galvanized sheet steel Keeper Plate, place on top of middle Circular Washer.
  - Bottom Shaft Diameter

- **ANCHOR PLATE**
  - 1.2" dia. Bolt Circle
  - 1.4" dia.
  - 120°
  - 6" dia. Center Hole
  - Bottom Slip-Base Plate welded to Anchor Plate
  - Anchor Plate (galvanized)

- **PLATE WASHER**
  - 1/8" THICK PLATE WASHER
  - Drill 1/2" Dia. Hole
  - High strength not required

**Typical Half Section 'A'

- (Top Slip-Base Plate)
- Light Pole Shaft
- Top Slip-Base Plate

**SECTION B-B**

- Anchor Bolt
- 6" dia. Center Hole

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**NOTES:**

- Removed lock washers.
- Switched anchor plate and slip-base call outs in PLAN view on Sheet 1.

**APPROVED BY:**

DESIGN METHODS ENGINEER

**STANDARD ROAD PLAN**

**SLIP-BASE FOR LIGHT POLES**