**METAL POLE WIRING DETAIL**

- **Wire Details**
  - **Grounding Lug**: U.L. approved Ground Red 8" diameter 20' long copper clad with approved ground connection (At all pull boxes)
  - **#6 Solid Copper Ground Wire (Bare)**
  - **#6 TW Green Bonding Ground**
  - **PVC conduit with Type TC Cable**
  - **1" PVC conduit with #6 Solid Copper Ground Wire (Bare)**
  - **Strain Relief Fitting (See Note #2)**
  - **Access Panel**
  - **Surge Protective Device (SPD)**
  - **Breakaway Fuseholders**
  - **Pole Wire Detail (See Note #2)**

**WIRING DETAILS**

1. **NOTES:**
   - 1. Barrier wall or bridge mounted poles: The wiring shall be in accordance with Section 992 of the Standard Specifications.
   - 2. Provide cable length to remove fuseholders from transformer base, pole base or pullbox for maintenance. Remove slack from the luminaire cable to provide tension on the fuseholders if the pole breaks away. Pull excess cable into pull box tighten strain relief fittings or cable clamps at both ends of conduit to prevent cable from slipping.

**METAL POLE DETAIL**

- **Length of Bracket Arm**
- **Pole setback 20' unless otherwise noted on plans**
- **Edge of traveled pavement or face of curb**
- **12' bed of Pea rock or crushed stone for drainage**

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**CONVENTIONAL LIGHTING**

**REV IS IO N**

**DESCRIPTION:**

**LAST REVISION 01/01/17**

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**FY 2018-19 STANDARD PLANS**
NOTES:
1. Use compacted select material in accordance with Index 120-001.
2. Concrete shall be Class N5 with a minimum strength at 28 days of f'c=2.5 ksi.
3. Outside edge of slab shall be cast against formwork.
4. The pull box shown is 13" x 24"; others approved under Section 635 of the Standard Specifications may be used.
5. Slabs to be placed around all Poles and Pull Boxes in rural locations. In urban areas or where space is limited slab dimensions may be adjusted as shown in the plans.
6. Concrete for slabs around pull boxes shall be included in the price of pull box.

Concrete shall be Class NS with a minimum strength at 28 days of f'c=2.5 ksi.

Outside edge of slab shall be cast against formwork.

The pull box shown is 13" x 24"; others approved under Section 635 of the Standard Specifications may be used.

In urban areas or where space is limited slab dimensions may be adjusted as shown in the plans.

Concrete for slabs around pull boxes shall be included in the price of pull box.
NOTES:
1. Use compacted select material in accordance with Index 120-001.
2. Concrete shall be Class NS with a minimum strength at 28 days of f'c=2.5 ksi.
3. Outside edge of slab shall be cast against formwork.
4. The pull box shown is 14' x 24'; others approved under Section 835 of the Standard Specifications may be used.
5. Slabs to be placed around all Poles and Pull Boxes. In urban areas or where space is limited slab dimensions may be adjusted as shown in the plans.
6. Concrete for slabs around poles and pull boxes shall be included in the price of pole or pull box.
7. The expansion joint shall consist of 1/2" of closed-cell polyethylene foam expansion material. The top 1/2" of expansion material shall be removed after pouring the slab and sealed with an APL approved Type A sealant meeting the requirements of Section 932.

- Concrete shall be Class NS with a minimum strength at 28 days of f'c=2.5 ksi.
- Use compacted select material in accordance with Index 120-001.
- Outside edge of slab shall be cast against formwork.
- The pull box shown is 14' x 24'; others approved under Section 835 of the Standard Specifications may be used.
- Slabs to be placed around all Poles and Pull Boxes. In urban areas or where space is limited slab dimensions may be adjusted as shown in the plans.
- Concrete for slabs around poles and pull boxes shall be included in the price of pole or pull box.
- The expansion joint shall consist of 1/2" of closed-cell polyethylene foam expansion material. The top 1/2" of expansion material shall be removed after pouring the slab and sealed with an APL approved Type A sealant meeting the requirements of Section 932.

SLAB DIMENSIONS

SLAB DETAILS FOR POLE AND PULL BOX LOCATIONS