CONVENTIONAL LIGHTING

REV 07/01/12

17500

DESCRIPTION:

NOTES:

1. Barrier wall or bridge mounted poles: The wiring shall be in accordance with Section 392 of the Standard Specifications.

Provide cable length to remove fuseholders from transformer base, pole base or pull boxes for maintenance. Remove slack from the luminaire cable to prevent slack from pulling the fuseholder(s) if the pole breaks away. Pull excess cable into pull box with strain relief fittings or cable clamps at both ends of conduit to prevent cable from slipping.

Breakaway fuseholders on 480V side with 10 Amp slow blow fuse for line to line service both lines to be fused.

Breakaway fuseholders with solid copper slugs. Slugs to be same size as 10 Amp fuse.

Surge Protective Device (SPD)

#6 Solid Copper Ground Wire (Bare)

Length of Bracket Arm

Pole setback 20' unless otherwise noted on plans

12" bed of Pearock or crushed stone for drainage.

U.L. approved Ground Rod 3/8" diameter 20' long copper clad with approved ground connector (At 20' pull boxes)
NOTES:

1. Use compacted select material in accordance with Index 505.
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 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.
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3. Outside edge of slab shall be cast against formwork.
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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 a QPL approved Type A sealant meeting the requirements of Section 932.

Concrete for slabs around poles and pull boxes shall be included in the price of pole or pull box.

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Use compacted select material in accordance with Index 505.