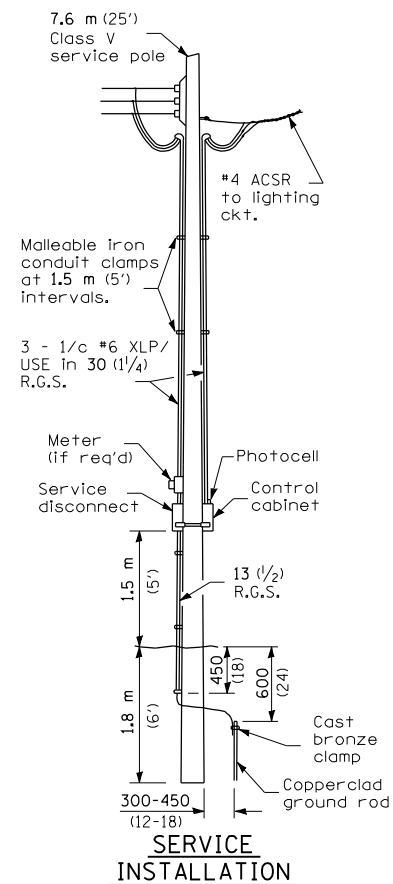
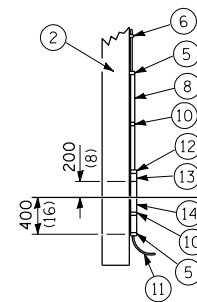


| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------|---------|--------------|-----------|
| 75 | 84-12; 11-3 | • | 729 | 453 |
| STA. | N/A | TO STA. | N/A | |
| FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT | | | | |
| • SANGAMON AND CHRISTIAN | | | | |



SERVICE INSTALLATION

| POLE LENGTH | DEPTH IN GROUND |
|--------------|-----------------|
| 19.8 m (65') | 3.6 m (12') |
| 18.0 m (60') | 3.0 m (10') |
| 16.8 m (55') | 2.7 m (9') |
| 16.0 m (50') | 2.4 m (8') |
| 13.7 m (45') | 2.1 m (7') |
| 12.0 m (40') | 2.0 m (6.5') |
| 10.7 m (35') | 1.8 m (6') |
| 9.0 m (30') | 1.7 m (5.5') |



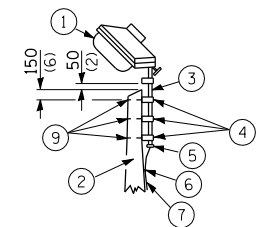
POLE, WOOD

NOTE:

Luminaire(s) shall have a 2-pole inline weatherproof quick disconnect fuse holder.

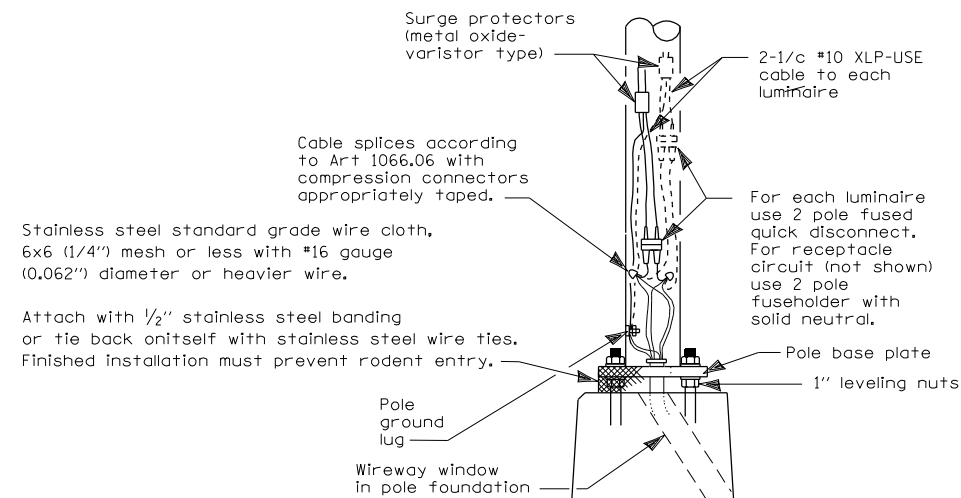
Luminaire(s) shall be oriented and the mounting angle adjusted as recommended by the Engineer.

Connect luminaire equipment ground to ACSR messenger.



- ① Luminaire 250w HPS
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #10 Type USE cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Electric cable assembly in trench or existing unit duct, as applicable
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.

All dimensions are in millimeters (inches) unless otherwise shown.



WIRING DETAIL

NO SCALE

GENERAL NOTES

All taped splices shall use 2 layers of electrical tape over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped splice with bonding compound.

All cable splices shall be taped unless another method has been specifically approved by the Engineer.

For example purposes the pole is shown on an anchor base. If the pole is required to be set on a breakaway base, consult the Standard Specifications.

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY LIGHTING PLAN

SCALE: 1" = 50'
DATE: 03/06/2012

DRAWN BY: IDOT
CHECKED BY: J.M.M.