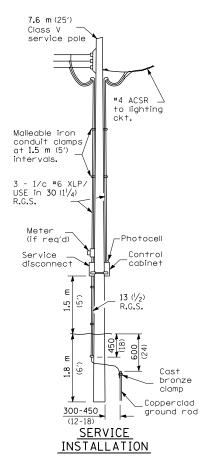
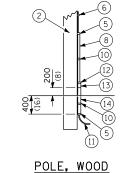
F.A. RTE.	SECTION		COUNTY		TOTAL SHEETS	SHEET NO.	
75	84-12; 1	1-3		•		729	453
STA.	N/A			STA.	N.	/ A	
FED. RO	AD DIST. NO. 5	ILLIN	015	FED.	AID	PROJECT	

* SANGAMON AND CHRISTIAN



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′)

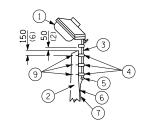


NOTE:

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
- Wood pole, class 3 or better
- (3) 63 (2 $\frac{1}{2}$) 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 conduit3.0 m (10')
- in length $\begin{tabular}{ll} 9 & 16 & (\frac{5}{8}) & \mbox{hot dipped galvanized bolt with flat washer & locknut (3 req'd)} \end{tabular}$
- (10) Conduit clamps on 900 (36) centers
- (1) 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.

REVISIONS					
NAME	DATE				

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY LIGHTING PLAN

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

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

(metal oxidevaristor type) 2-1/c #10 XLP-USE cable to each luminaire Cable splices according to Art 1066.06 with compression connectors appropriately taped. For each luminaire use 2 pole fused Stainless steel standard grade wire cloth. quick disconnect. 6x6 (1/4") mesh or less with #16 gauge For receptacle circuit (not shown) (0.062") diameter or heavier wire. use 2 pole fuseholder with Attach with $\frac{1}{2}$ " stainless steel banding solid neutral. or tie back onitself with stainless steel wire ties. — Pole base plate Finished installation must prevent rodent entr - 1" leveling nuts around Wireway window in pole foundation GENERAL NOTES All taped splices shall use 2 layers of electrical tape WIRING DETAIL over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped

NO SCALE

Surge protectors

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

splice with bonding compound.

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.