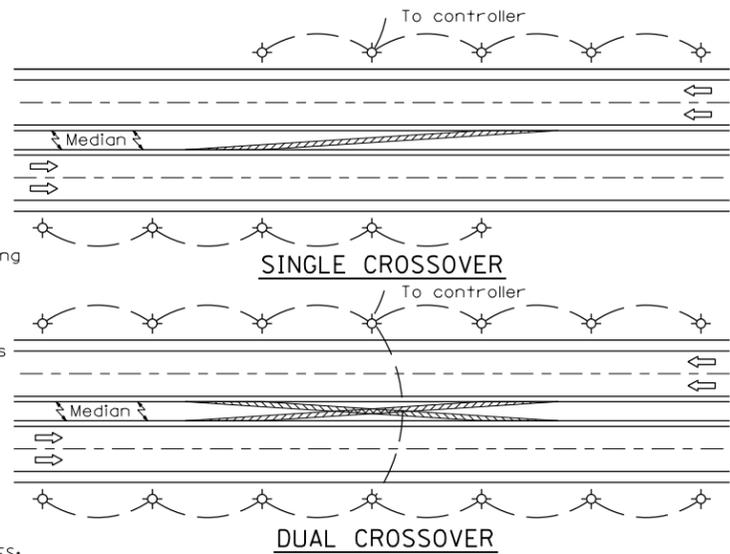


**LIGHTING CONTROLLER  
AT POLE # 1  
INSTALLATION**

**DISCONNECT SWITCH AT POLE # 11 AND # 15  
INSTALLATION**



**NOTES:**  
Min. Pole spacing 60 m (200')  
Max. Pole spacing 75 m (250')  
  
Setback shall be min. 9 m (30')  
or 1.5 m (5') back of ditch, unless  
breakaway type pole is used.

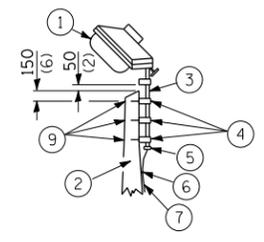
- ① Luminaire, 250W HPS
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 3/c #10 Type USE cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)

**NOTES:**

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.



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')

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

**NOTES:**

Disconnect switch shall be non-fused, 30 amp, 480V, 2P, 3-wire, solid neutral in NEMA 3R enclosure having lockable external handle.

Disconnect switch shall not be used as typical means of de-energizing the east crossover lighting. Circuit breaker in the lighting controller shall be used for this purpose.