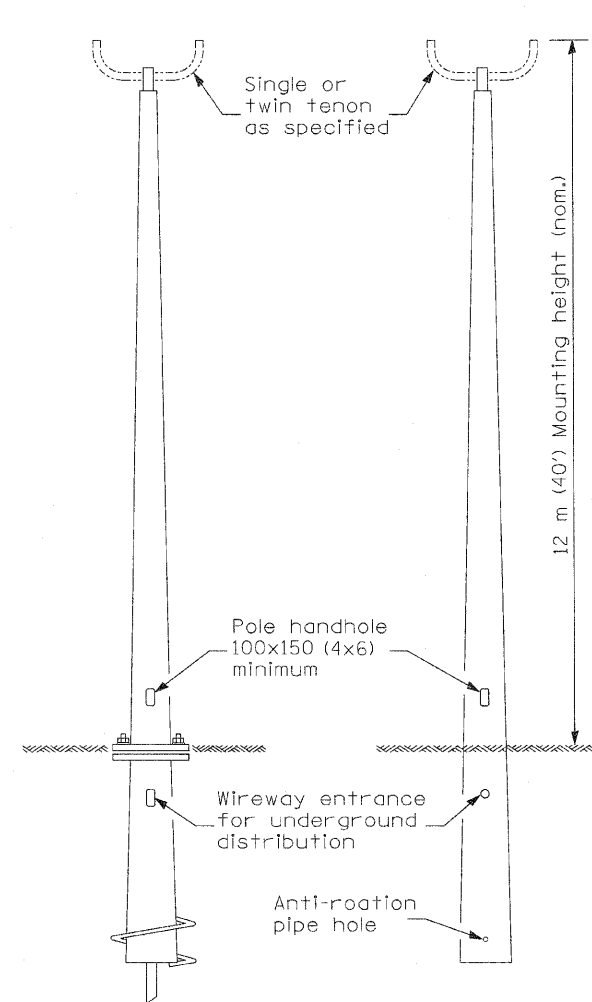
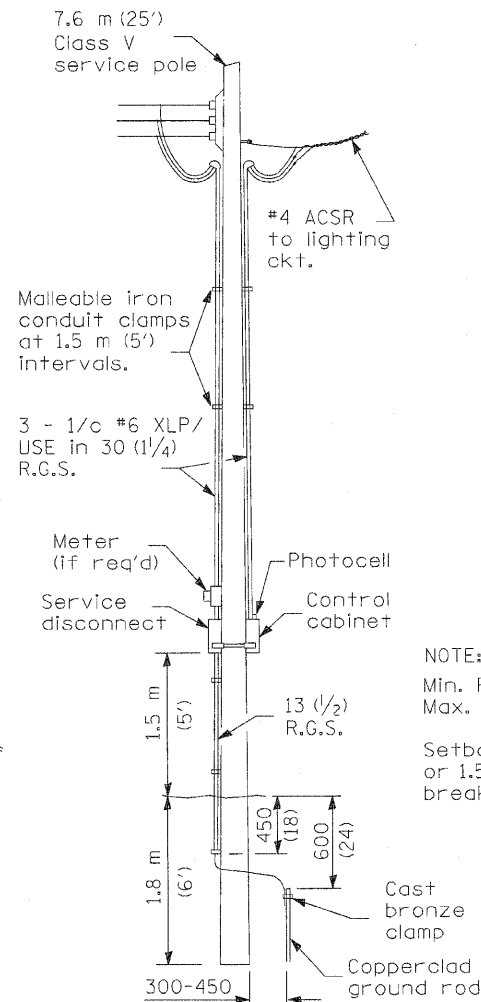
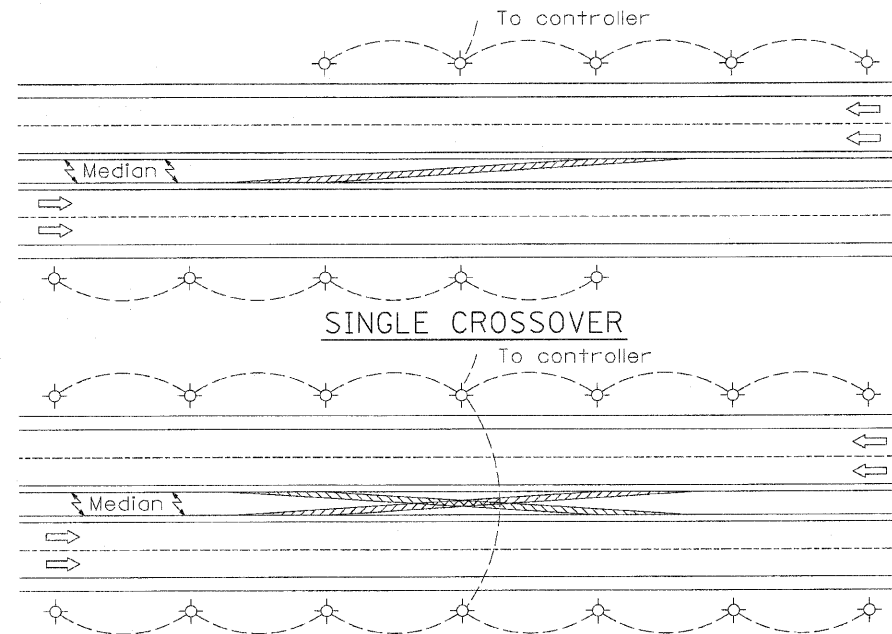




**ANCHOR BASE W/
METAL FOUNDATION** **BUTT BASE**
**POLE, FIBERGLASS
BREAKAWAY TYPE**



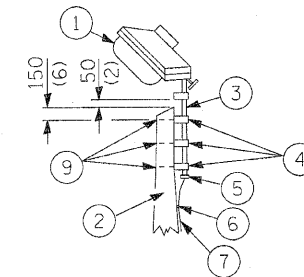
**SERVICE
INSTALLATION**



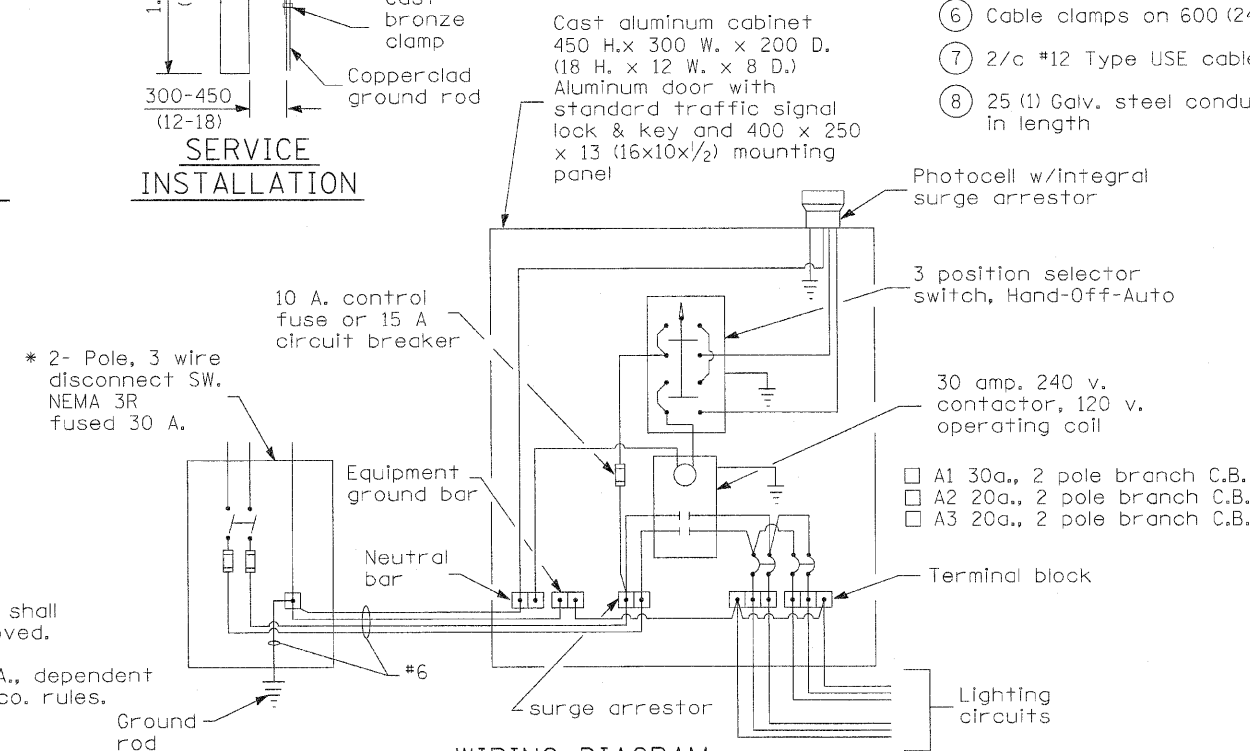
NOTE:
Min. Pole spacing 60 m (200')
Max. Pole spacing 75 m (250')
Setback shall be min. 9 m (30')
or 1.5 m (5') back of ditch, unless
breakaway type pole is used.

- ① Luminaire
- 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 #12 Type USE cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length

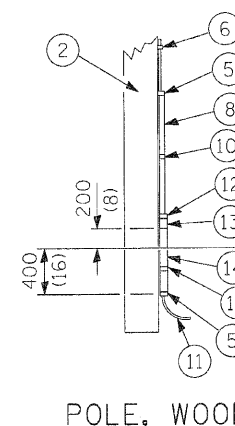
NOTE:
Luminaire(s) shall be oriented and the
mounting angle adjusted as recommended
by the Engineer.
Connect luminaire equipment ground to
ACSR messenger.



- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- 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.



WIRING DIAGRAM



POLE, WOOD

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.

**TEMPORARY ROADWAY
LIGHTING**

NOTE:
All equipment shall
be U.L. approved.
* 30 A. or 60 A., dependent
upon utility co. rules.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-280
STAGING PLANS
CROSSOVER TEMPORARY LIGHTING**

F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.
280 81-11B-1,HB,HB-1,HB-2,VB,VB-1R ROCK ISLAND 503 88
CONTRACT NO. 64815
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 7

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

DESIGNED: DPA
DRAWN: MWH
CHECKED: DPA
DATE: 07/23/10
REVISED: REVISIONS
REVISED: REVISIONS
REVISED: REVISIONS

TITLE: NAME: 0264975-010 33 m ckt. light
PROJECT: NAME: 0264975-010 33 m ckt. light
DATE: 07/23/10