

CONTRACT NO. 70483

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146)L	EDGAR	9	1

D-95-005-06

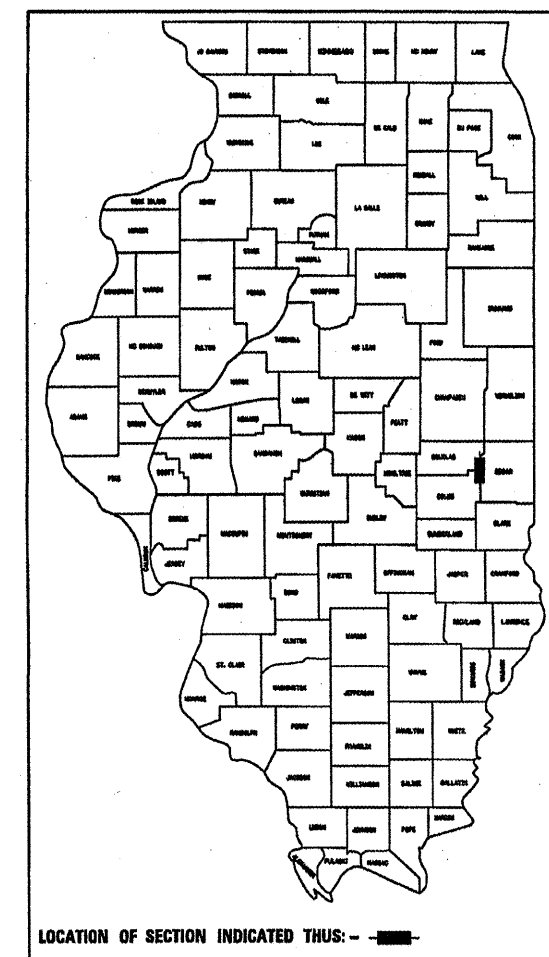
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
HIGHWAY IMPROVEMENT**

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

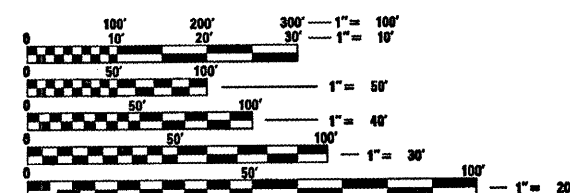
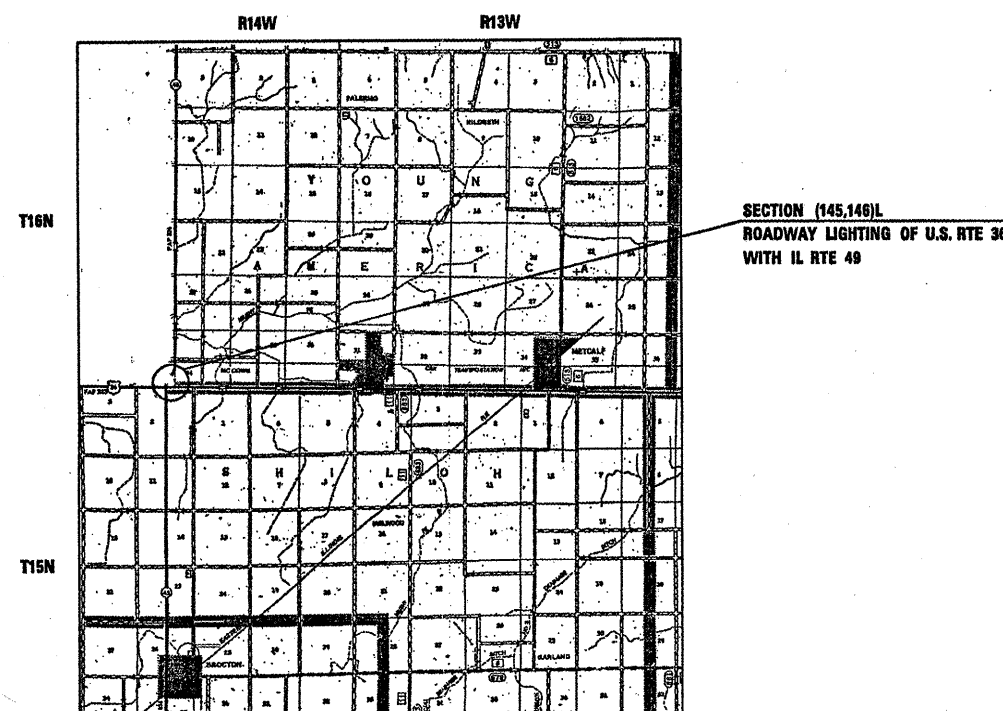
SCALES { LIGHTING PLAN 1"=50'  
FLASHER PLAN 1"=20'  
PROFILES - N.A.  
CROSS SECTIONS - N.A.

**F.A.P. ROUTE 323 (US RTE 36)  
SECTION (145,146)L  
EDGAR COUNTY**

C-95-005-06  
HIGHWAY LIGHTING IMPROVEMENT



LOCATION OF SECTION INDICATED THUS: - - -



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CONTRACT NO. 70483

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED FEB 18, 20 06  
*Joseph E. Come*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

MARCH 24, 20 06  
*Mike Hene*  
ENGINEER OF DESIGN AND ENVIRONMENT

MARCH 24, 20 06  
*Milton R. Sees P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

FOR UNDERGROUND UTILITY  
LOCATIONS CALL  
TOLL FREE J.U.L.I.E. TELEPHONE NO.  
1-800-892-0123  
YOUNG AMERICA & SHILOH  
TOWNSHIPS

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

DESIGNED BY: JEFF ALLEN (217) 465-4181

## LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND A FOOT
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 4, 5M (15') TO PAVEMENT EDGE FOR SPEEDS > 45 MPH
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
702001-06	TRAFFIC CONTROL DEVICES
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

## GENERAL NOTES

G. N. -100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G. N. -105.07  
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL NOTIFY THE DISTRICT OPERATIONS ENGINEER TWO WEEKS PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES. THE STATE WILL THEN LOCATE AND MARK THE HORIZONTAL LOCATIONS OF THE LINES AND PROVIDE ANY AVAILABLE INFORMATION AS TO THEIR DEPTH. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATING OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G. N. -107.31  
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J. U. L. I. E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123.

## INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	LIGHTING PLAN SHEET
5	FLASHER PLAN SHEET
6	DETAIL FOR CONTROL INSTALLATION SERVICE POLE MOUNTED
7	DETAIL OF LIGHT POLE FOUNDATIONS
8	DETAIL FOR POLE STANDARDS
9	DETAIL FOR NIGHTTIME LIGHTING INSPECTION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT FIVE

REVIEWED BY:

*O. I. Mitchell*  
DISTRICT ENGINEER OF PROGRAM DEVELOPMENT

DATE:

1/30/06

EXAMINED BY:

*Oliver Bil*  
DISTRICT ENGINEER OF PROJECT IMPLEMENTATION

*Jim W. [Signature]*  
DISTRICT ENGINEER OF BUREAU OF OPERATIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	0145,146IL	EDGAR	9	3

## SUMMARY OF QUANTITIES

LOCATION OF WORK: U. S. RTE 36  
&  
IL. RTE 49  
INTERSECTION  
EDGAR COUNTY  
HIGHWAY LIGHTING  
MAINTENANCE FUND  
100% STATE

CONSTRUCTION TYPE CODE: Y030-1E

<u>CODE NO</u>	<u>ITEM</u>	<u>UNIT</u>	<u>TOTAL QUANTITY</u>
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
80500100	SERVICE INSTALLATION TYPE A	EACH	1.0
80802300	WOOD POLE, 40 FT., CLASS 3	EACH	2.0
81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	265.0
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	191.0
81600215	UNIT DUCT, 2*8XLP, 1*8 XLP GROUND 3/4" POLYETHYLENE	FOOT	468.0
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4.0
83002500	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12 FT. DAVIT ARM	EACH	4.0
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	24.0
83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	16.0
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	8.0
84200800	POLE FOUNDATION, REMOVED	EACH	7.0
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1.0
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1.0
87200400	SPAN WIRE	FOOT	199.0
87200500	TETHER WIRE	FOOT	199.0
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	24.0
87302225	ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 3C	FOOT	258.0
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1.0
X0323134	REMOVE EXISTING HELIX FOUNDATION	EACH	1.0
X8250207	LIGHTING CONTROLLER PHOTOCELL RELAY, SPECIAL	EACH	1.0
X8801505	SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, SPAN WIRE MOUNTED	EACH	2.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146)L	EDGAR	9	4

# US RTE 36 & IL RTE 49 LIGHTING PLAN SHEET

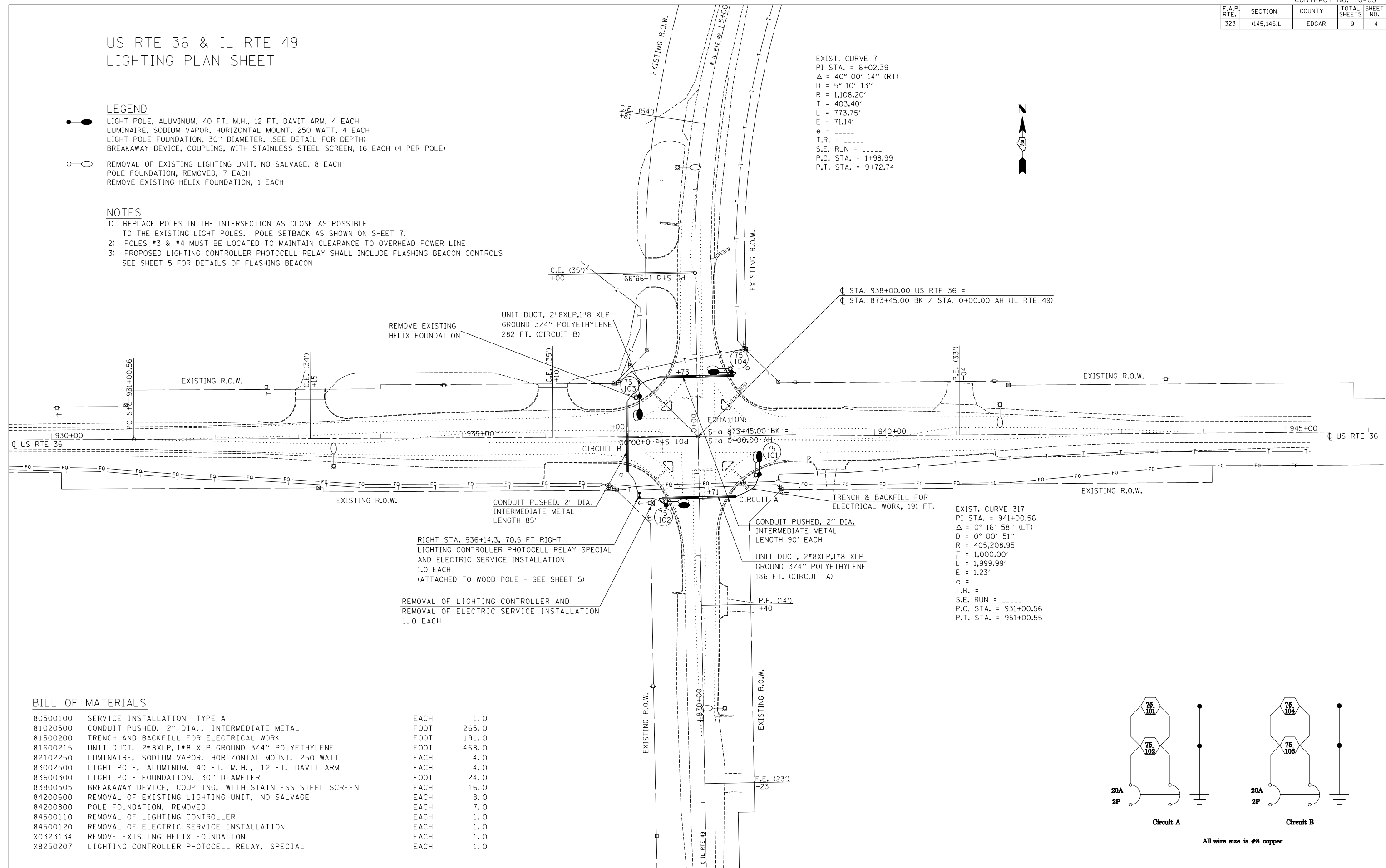
## LEGEND

- LIGHT POLE, ALUMINUM, 40 FT. M.H., 12 FT. DAVIT ARM, 4 EACH
- LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT, 4 EACH
- LIGHT POLE FOUNDATION, 30" DIAMETER, (SEE DETAIL FOR DEPTH)
- BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN, 16 EACH (4 PER POLE)
- REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE, 8 EACH
- POLE FOUNDATION, REMOVED, 7 EACH
- REMOVE EXISTING HELIX FOUNDATION, 1 EACH

## NOTES

- 1) REPLACE POLES IN THE INTERSECTION AS CLOSE AS POSSIBLE TO THE EXISTING LIGHT POLES. POLE SETBACK AS SHOWN ON SHEET 7.
- 2) POLES #3 & #4 MUST BE LOCATED TO MAINTAIN CLEARANCE TO OVERHEAD POWER LINE
- 3) PROPOSED LIGHTING CONTROLLER PHOTOCELL RELAY SHALL INCLUDE FLASHING BEACON CONTROLS SEE SHEET 5 FOR DETAILS OF FLASHING BEACON

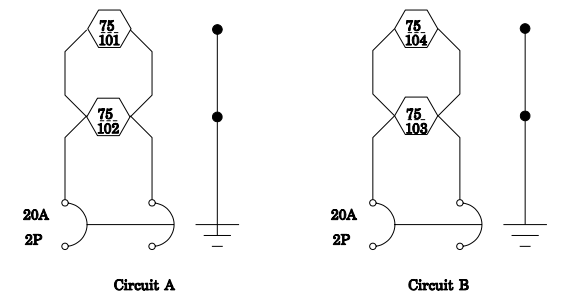
EXIST. CURVE 7  
 PI STA. = 6+02.39  
 $\Delta = 40^\circ 00' 14''$  (RT)  
 $D = 5^\circ 10' 13''$   
 $R = 1,108.20'$   
 $T = 403.40'$   
 $L = 773.75'$   
 $E = 71.14'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 1+98.99$   
 $P.T. STA. = 9+72.74$



EXIST. CURVE 317  
 PI STA. = 941+00.56  
 $\Delta = 0^\circ 16' 58''$  (LT)  
 $D = 0^\circ 00' 51''$   
 $R = 405,208.95'$   
 $T = 1,000.00'$   
 $L = 1,999.99'$   
 $E = 1.23'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 931+00.56$   
 $P.T. STA. = 951+00.55$

## BILL OF MATERIALS

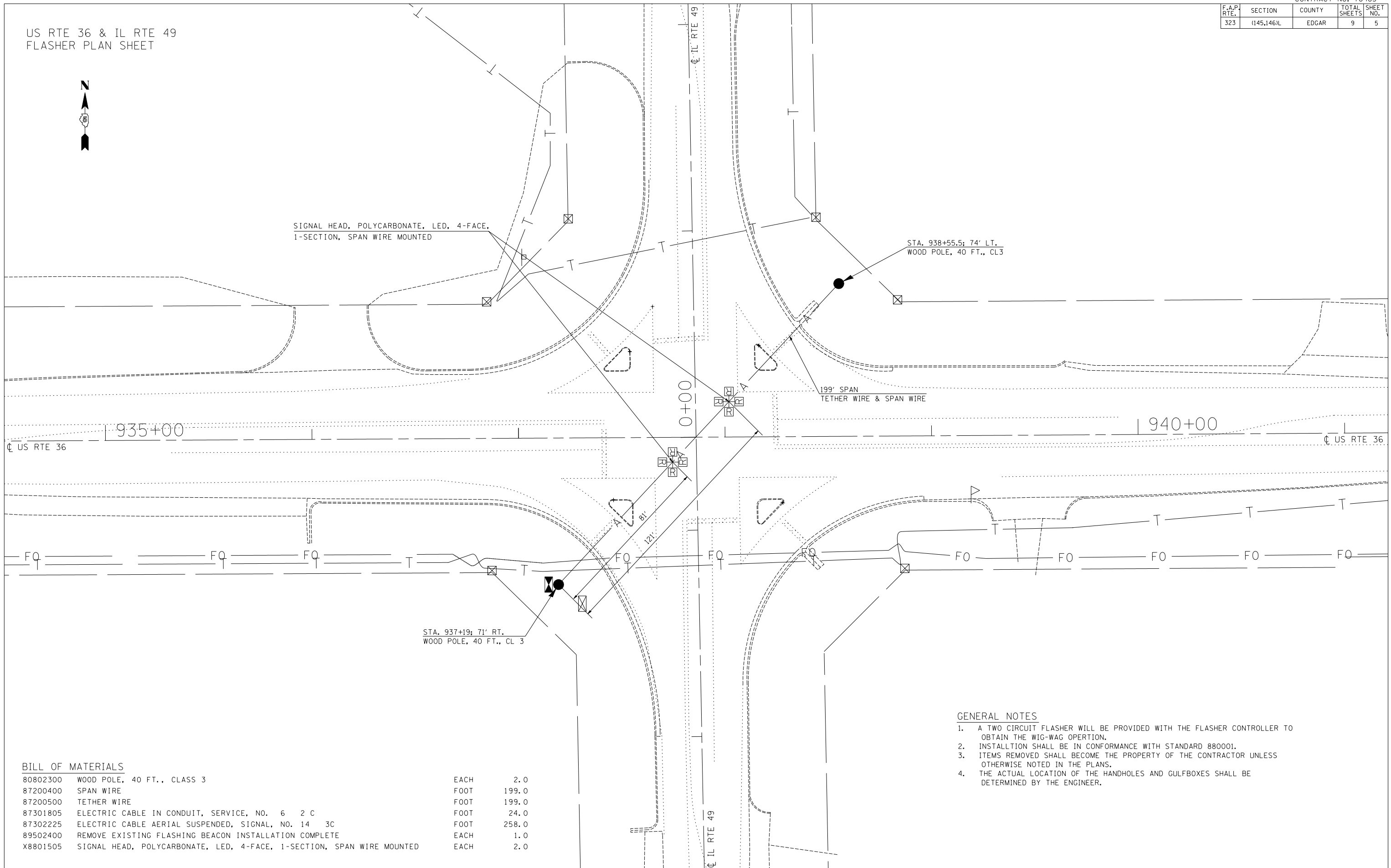
80500100	SERVICE INSTALLATION TYPE A	EACH	1.0
81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	265.0
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	191.0
81600215	UNIT DUCT, 2*8XLP,1*8 XLP GROUND 3/4" POLYETHYLENE	FOOT	468.0
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4.0
83002500	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12 FT. DAVIT ARM	EACH	4.0
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	24.0
83800505	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	16.0
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	8.0
84200800	POLE FOUNDATION, REMOVED	EACH	7.0
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1.0
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1.0
X0323134	REMOVE EXISTING HELIX FOUNDATION	EACH	1.0
X8250207	LIGHTING CONTROLLER PHOTOCELL RELAY, SPECIAL	EACH	1.0



All wire size is #8 copper

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146)L	EDGAR	9	5

US RTE 36 & IL RTE 49  
FLASHER PLAN SHEET



SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE,  
1-SECTION, SPAN WIRE MOUNTED

STA. 938+55.5; 74' LT.  
WOOD POLE, 40 FT., CL3

199' SPAN  
TETHER WIRE & SPAN WIRE

STA. 937+19; 71' RT.  
WOOD POLE, 40 FT., CL 3

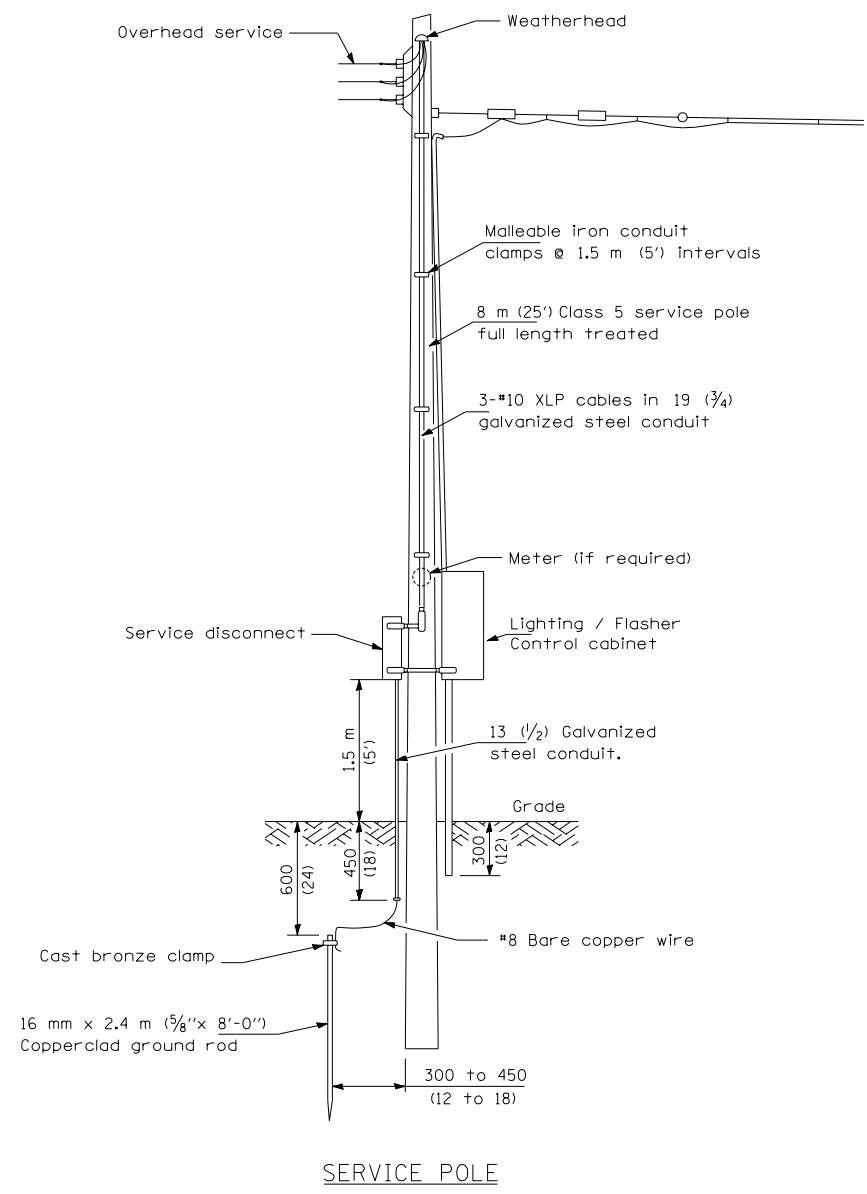
GENERAL NOTES

1. A TWO CIRCUIT FLASHER WILL BE PROVIDED WITH THE FLASHER CONTROLLER TO OBTAIN THE WIG-WAG OPERATION.
2. INSTALLTION SHALL BE IN CONFORMANCE WITH STANDARD 880001.
3. ITEMS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE PLANS.
4. THE ACTUAL LOCATION OF THE HANDHOLES AND GULFBOXES SHALL BE DETERMINED BY THE ENGINEER.

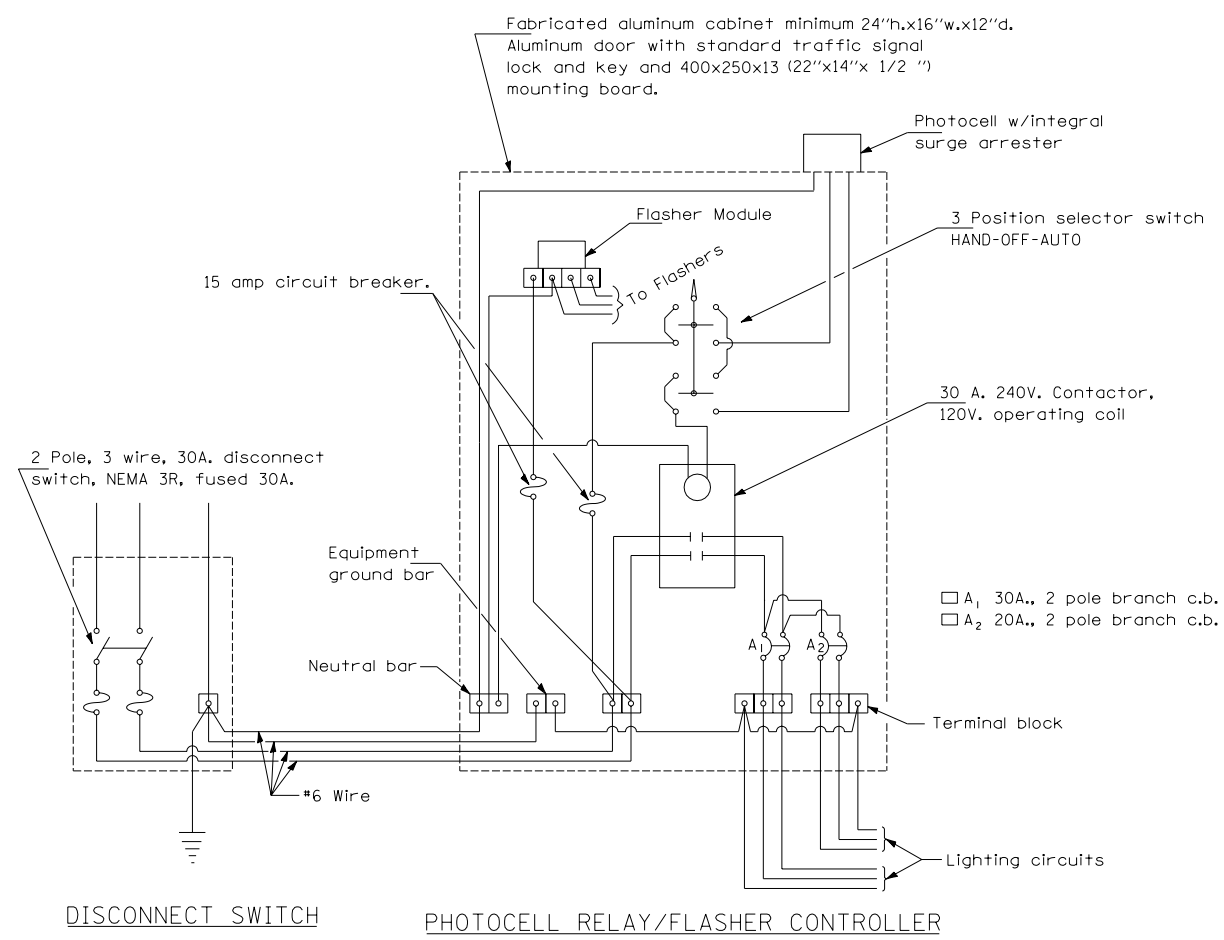
BILL OF MATERIALS

80802300	WOOD POLE, 40 FT., CLASS 3	EACH	2.0
87200400	SPAN WIRE	FOOT	199.0
87200500	TETHER WIRE	FOOT	199.0
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	24.0
87302225	ELECTRIC CABLE AERIAL SUSPENDE, SIGNAL, NO. 14 3C	FOOT	258.0
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1.0
X8801505	SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, SPAN WIRE MOUNTED	EACH	2.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146)L	EDGAR	9	6



NOTE: Flashing Beacon components shall be installed per standard 880001.



**GENERAL NOTES**

All equipment shall be U.L. Listed.  
All dimensions are in millimeters unless otherwise shown.

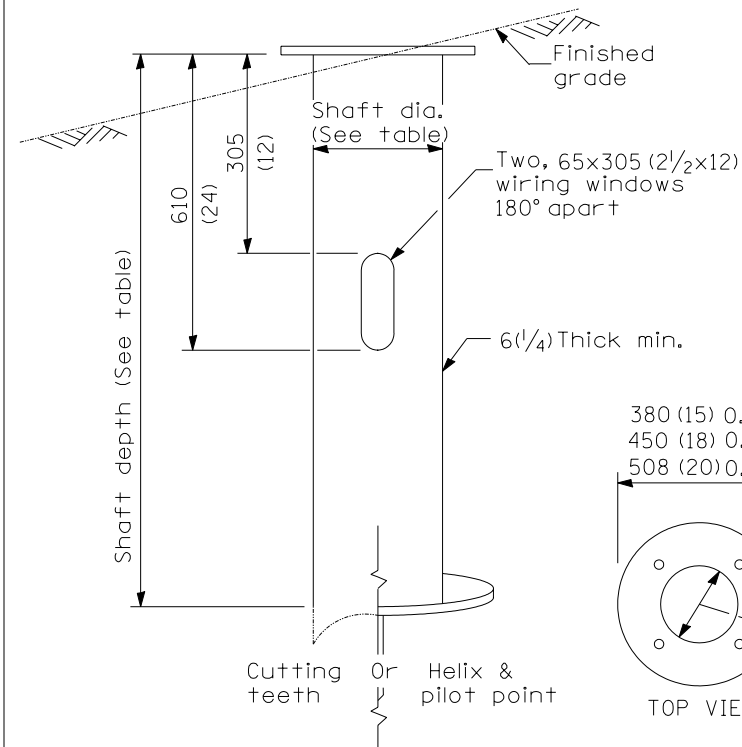
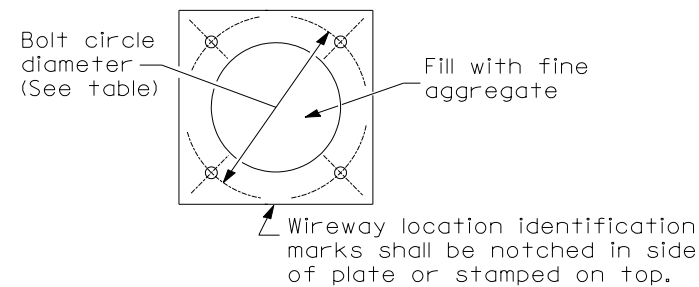
**CONTROL INSTALLATION  
SERVICE POLE MOUNTED**

120/240V., 1 PHASE, 3 WIRE SERVICE

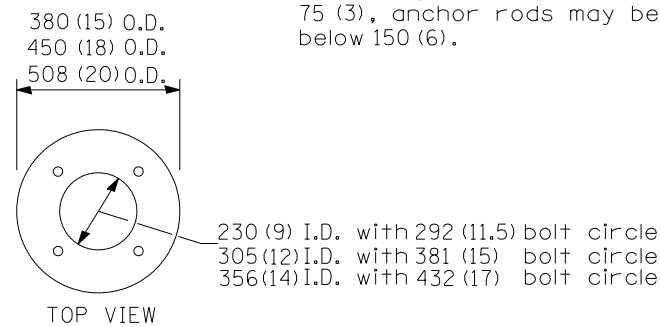
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146)L	EDGAR	9	7

LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION			CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
< 9.1 m (30')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 (15) ③	220 (8 5/8)	2.44 m (8')	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	2.13m (7'-0")	2.00 m (6'-9")

- ① Length does not include 100(4)hook
- ② 220 mm x 2.44 m (8 5/8" x 8'-0") for Twin luminaires
- ③ Bolt circle diam. shall be 430 (17) when a TB3-17 transformer base is used



STEEL FOUNDATION



RING PLATE DETAIL  
(When rock is encountered and foundation is shallower)

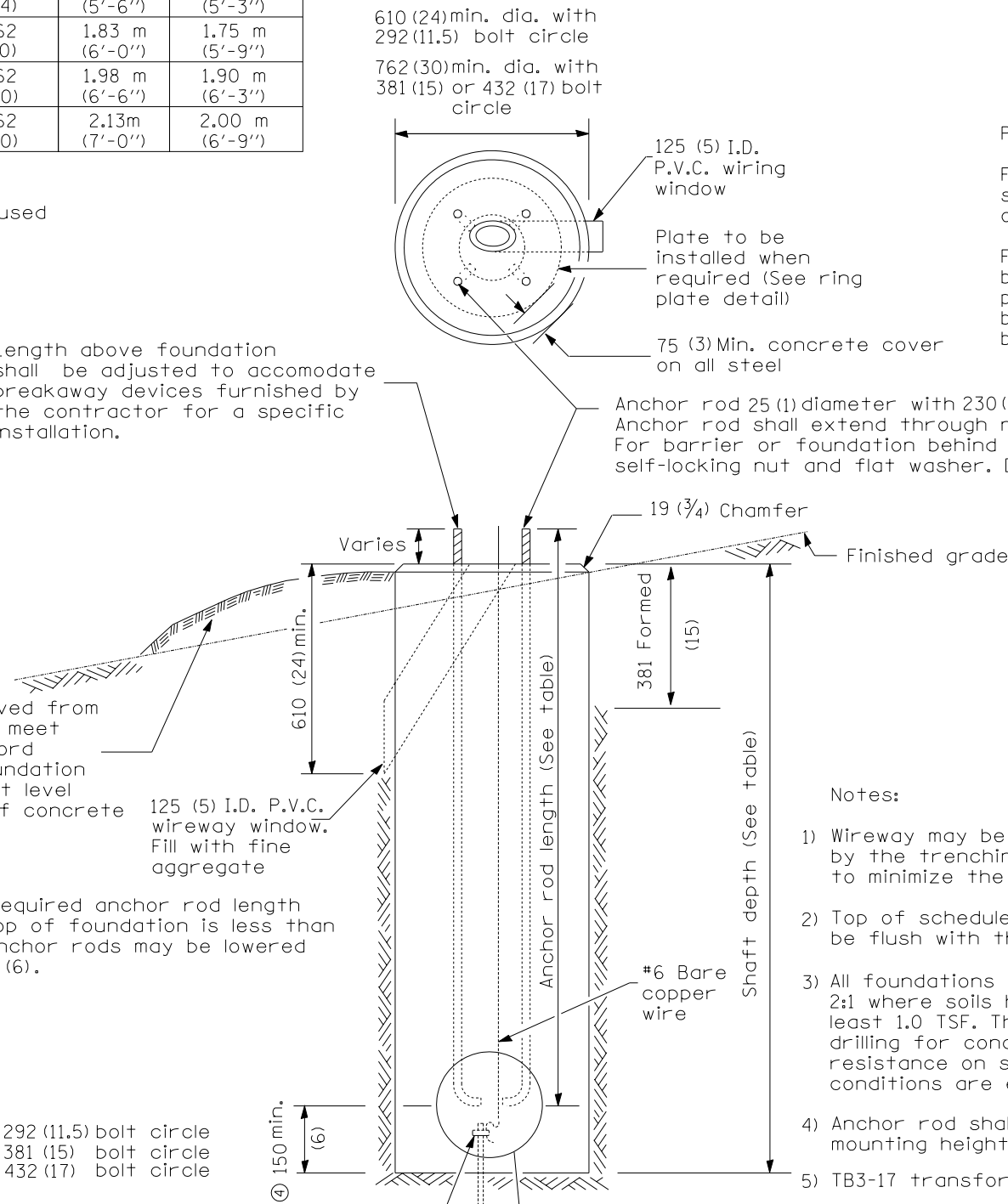
Length above foundation shall be adjusted to accommodate breakaway devices furnished by the contractor for a specific installation.

Use dirt removed from foundation to meet 1.52m (5 ft.) chord fill around foundation top. Grade dirt level with bottom of concrete chamfer.

- ④ If the required anchor rod length above top of foundation is less than 75 (3), anchor rods may be lowered below 150 (6).

Cast bronze clamp  
16 mm x 3 m (5/8" x 10')  
Copperclad grounding electrode. When foundation is set in rock, install ground electrode in cable trench.

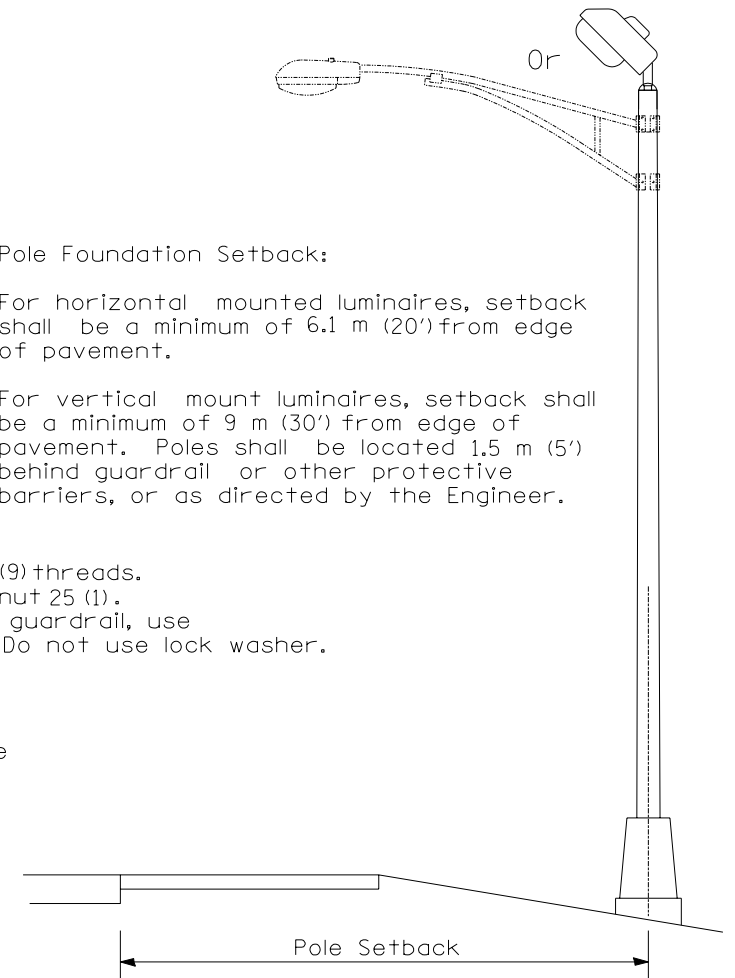
CONCRETE FOUNDATION



Pole Foundation Setback:

For horizontal mounted luminaires, setback shall be a minimum of 6.1 m (20') from edge of pavement.

For vertical mount luminaires, setback shall be a minimum of 9 m (30') from edge of pavement. Poles shall be located 1.5 m (5') behind guardrail or other protective barriers, or as directed by the Engineer.



Notes:

- 1) Wireway may be on front, back or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.
- 2) Top of schedule 40 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.
- 3) All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.
- 4) Anchor rod shall be increased to 31 (1 1/4) diameter for 15.24 (50') mounting height or above.
- 5) TB3-17 transformer base is not to be used on metal foundation

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

DATE	REVISIONS
10/7/02	Bridge Office depth calc.

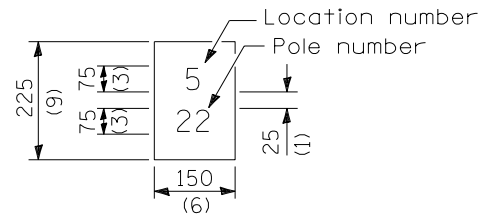
LIGHT POLE FOUNDATION

LGT007-836

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146L)	EDGAR	9	8

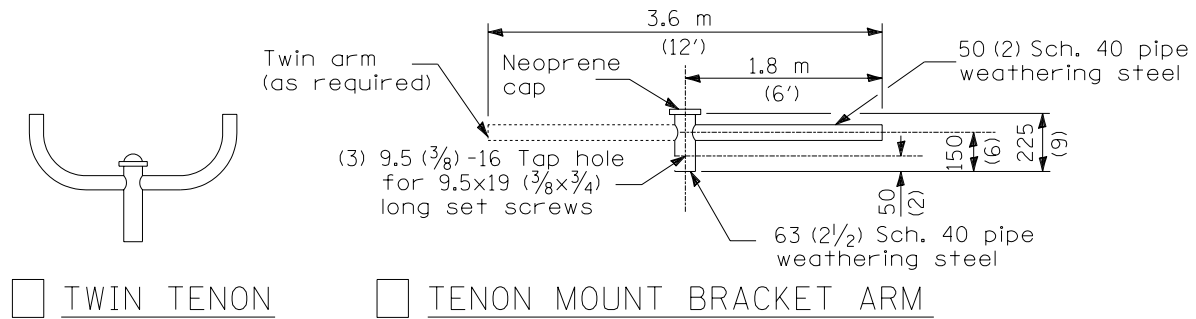
"Install and orient arm bracket over pole tenon and firmly hand tighten the two set screws. Use third hole in arm bracket as a guide to drill a 8.3 (2/4) diameter hole through tenon. Install and tighten self-tapping screw. Tighten set screws an additional (1/4 to 3/8) turn with hex key (not provided). Install locknuts on set screws if threaded projection allows."

Pole shall meet AASHTO Standard Specifications for 128.72 km (80 mph) wind loading and 40.82 kg (90 lb.), .37 m<sup>2</sup> (4.0 sq. ft.) E.P.A. luminaire.



The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

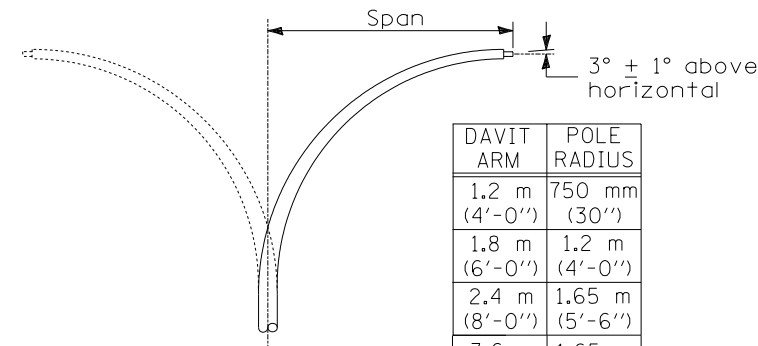
The light pole identification shall be applied to sign base material as specified in section 1085.05 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 2319.



TWIN TENON

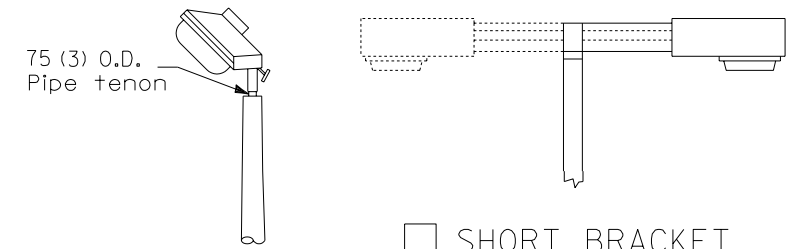
TENON MOUNT BRACKET ARM

NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



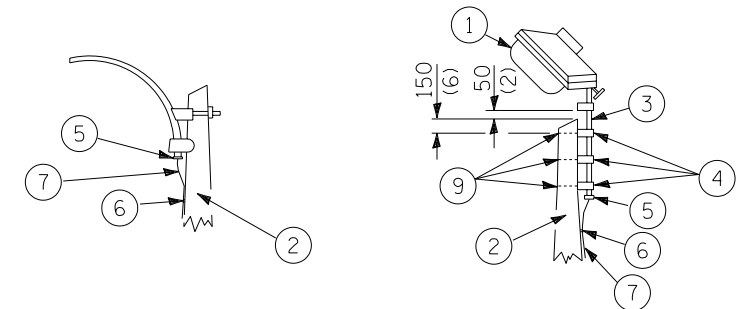
DAVIT ARM	POLE RADIUS
1.2 m (4'-0")	750 mm (30")
1.8 m (6'-0")	1.2 m (4'-0")
2.4 m (8'-0")	1.65 m (5'-6")
3.6 m (12'-0")	1.65 m (5'-6")

DAVIT ARM  
 DAVIT ARM-TWIN



TENON

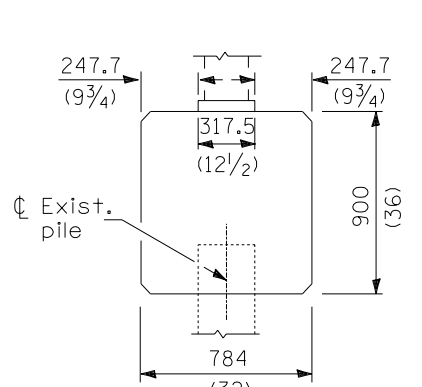
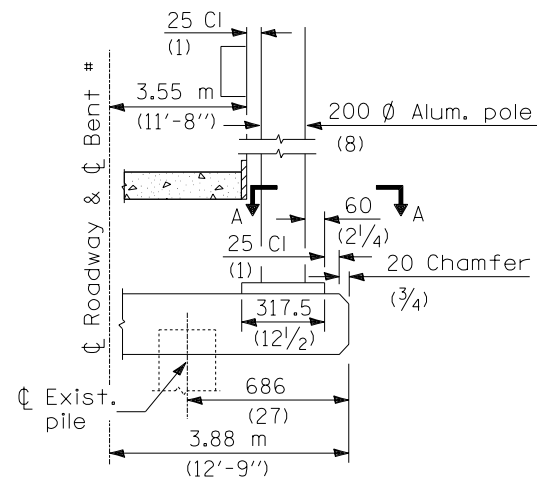
SHORT BRACKET  
 SHORT BRACKET - TWIN



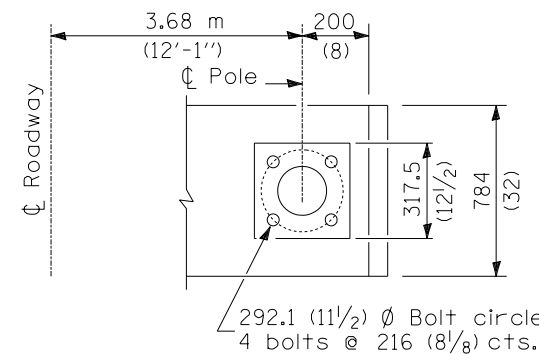
MAST ARM

TENON

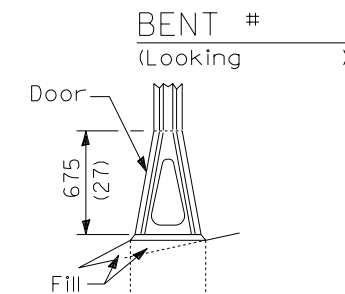
- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & 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.



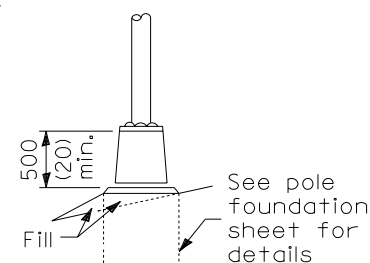
BRIDGE PIER MOUNT



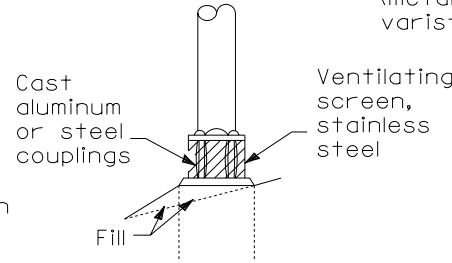
SECTION A-A



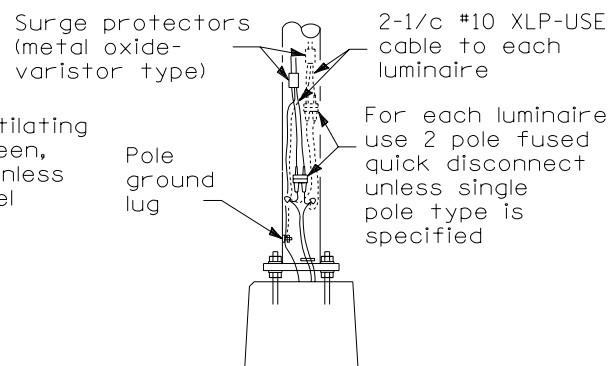
STAINLESS STEEL FLAIR BASE



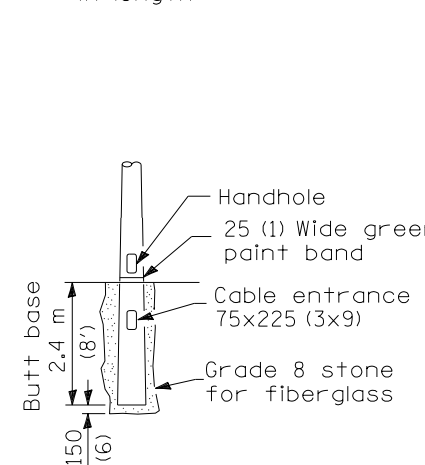
TRANSFORMER BASE



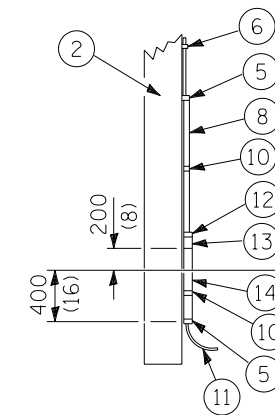
BREAKAWAY COUPLING



ANCHOR



BUTT BASE



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.

FRANGIBLE

METAL OR  CONCRETE

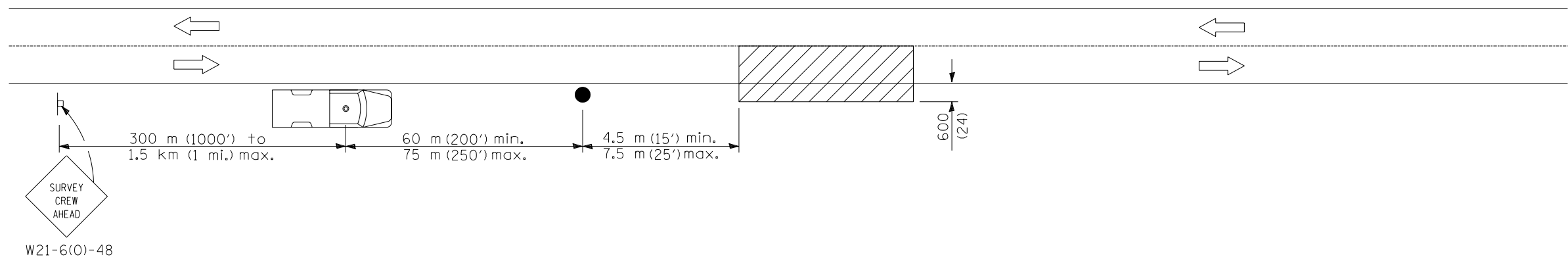
Details for underground distribution if required

DATE	REVISIONS

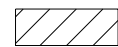
POLE STANDARDS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146)L	EDGAR	9	9



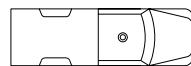
SYMBOLS



Work area



Sign on portable or permanent support



Truck with flashing amber light and dual emergency flashers



Flagger with traffic control sign

TYPICAL APPLICATIONS  
Utility operations

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

DATE	REVISIONS

DETAIL FOR  
NIGHTTIME LIGHTING  
INSPECTION