

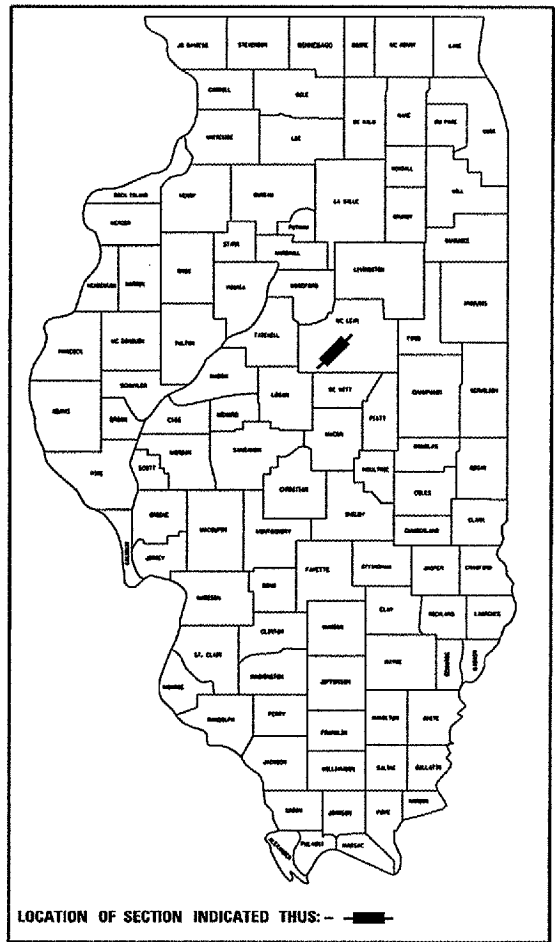
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	57(RA-L)	MCLEAN	12	1

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
HIGHWAY IMPROVEMENT

CONTRACT NO. 70626  
D-95-140-06



LOCATION OF SECTION INDICATED THUS: - - -

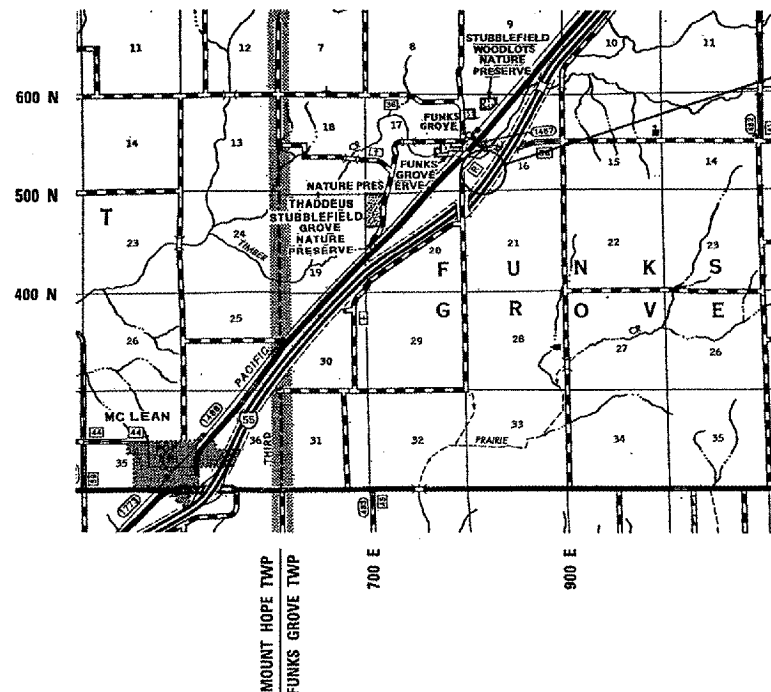
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

SCALES { PLAN  
PROFILE HORIZ. - N.A.  
PROFILE VERT. - N.A.  
CROSS SECTIONS - N.A. HORIZONTAL VERTICAL

F.A.I. ROUTE 55 (INTERSTATE 55)  
SECTION 57(RA-L)  
MCLEAN COUNTY

C-95-140-06

REST AREA LIGHTING IMPROVEMENT



SECTION 57(RA-L) - LIGHTING IMPROVEMENT  
INTERSTATE 55 - FUNKS GROVE REST AREA



**DESIGN DESIGNATION**  
N.A. LIGHTING

CONTRACT NO. 70626

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *M. May 22, 07*

*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

*May 11, 2007*  
*Eric E. Horn*  
ENGINEER OF DESIGN AND ENVIRONMENT

*May 11, 2007*  
*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  
FUNKS GROVE

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

DIVISION ADMINISTRATOR *[Signature]*

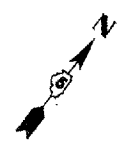
PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS



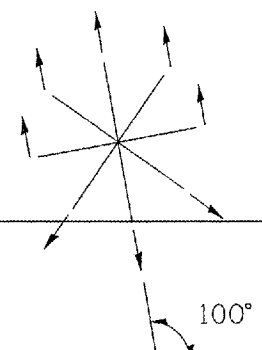


CONTRACT NO. 70626				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	STIRA-LJ	MCLEAN	12	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

# FUNKS GROVE REST AREA LIGHTING PLAN SHEET



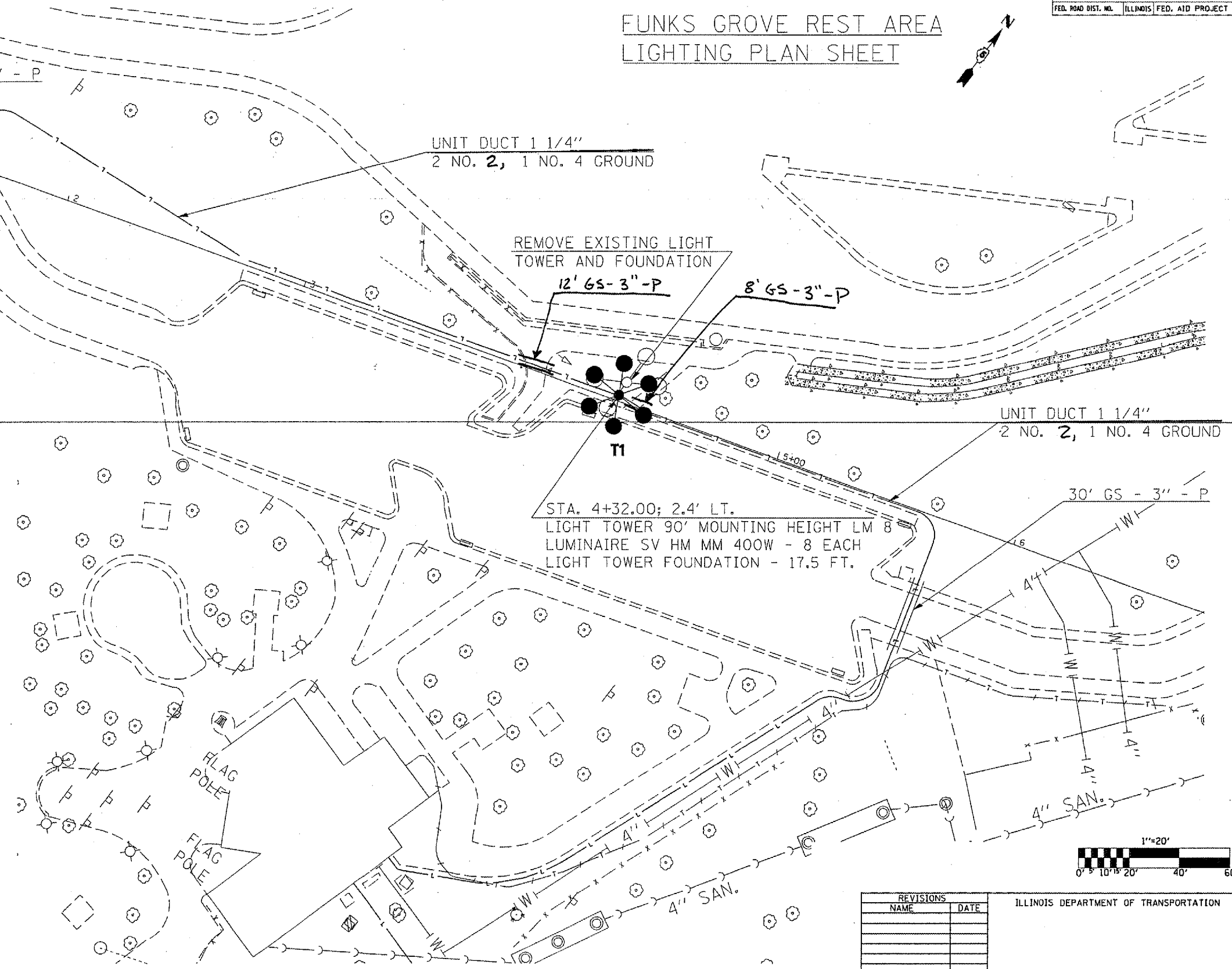
LUMINAIRE AIMING DIAGRAM (T1)



NORTH BASE LINE - NORTH CURB  
LINE OF N. CAR PARKING LOT

**LEGEND**

- EXISTING 250W HPS, 45' MOUNTING HEIGHT LUMINAIRE TO REMAIN
- EXISTING 110' HEIGHT LUMINAIRE TOWER
- PROPOSED LIGHT TOWER 90' MOUNTING HEIGHT LUMINAIRE 8
- PROPOSED 250W HPS MULTIMOUNT FIXTURE ON 45' HEIGHT STEEL POLE
- PROPOSED CONDUIT PUSHED, 3" GALVANIZED STEEL
- PROPOSED UNIT DUCT

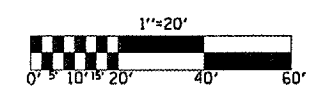


UNIT DUCT 1 1/4"  
2 NO. 2, 1 NO. 4 GROUND

REMOVE EXISTING LIGHT  
TOWER AND FOUNDATION

STA. 4+32.00; 2.4' LT.  
LIGHT TOWER 90' MOUNTING HEIGHT LM 8  
LUMINAIRE SV HM MM 400W - 8 EACH  
LIGHT TOWER FOUNDATION - 17.5 FT.

UNIT DUCT 1 1/4"  
2 NO. 2, 1 NO. 4 GROUND



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

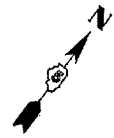
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HORIZ.  
DATE

DRAWN BY  
CHECKED BY

PLOT DATE: 3/25/2007  
 PLOT SCALE: 1/8" = 1'-0"  
 USER NAME: [unreadable]

CONTRACT NO. 70526				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	NO.
55	57IRA-LJ	MCLEAN	12	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FUNKS GROVE REST AREA  
LIGHTING PLAN SHEET



UNIT DUCT 1 1/4"  
2 NO. 2, 1 NO. 4 GROUND

STA. 25+25.5; 87.3' LT.  
LIGHT POLE, 45' MH, TEN. MT.  
METAL FOUNDATION 15" BC  
LUMINAIRE SV MM 250W

REMOVE EXISTING LIGHT  
TOWER AND FOUNDATION

20' GS - 3" - P

47' GS - 3" - P

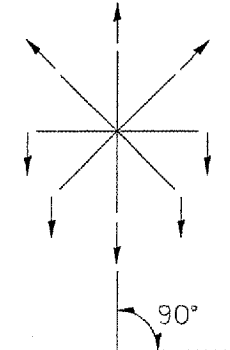
STA. 27+14.7; 8.8' LT.  
LIGHT TOWER 90' MOUNTING HEIGHT LM 8  
LUMINAIRE SV HM MM 400W - 8 EACH  
LIGHT TOWER FOUNDATION - 17.5 FT.

UNIT DUCT 1 1/4"  
2 NO. 2, 1 NO. 4 GROUND

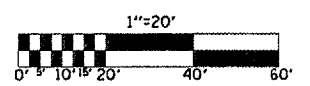
30' GS - 3" - P

UNIT DUCT 1 1/4"  
2 NO. 2, 1 NO. 4 GROUND

LUMINAIRE AIMING DIAGRAM (T2)



SOUTH BASE LINE - SOUTH CURB  
LINE OF S. CAR PARKING LOT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

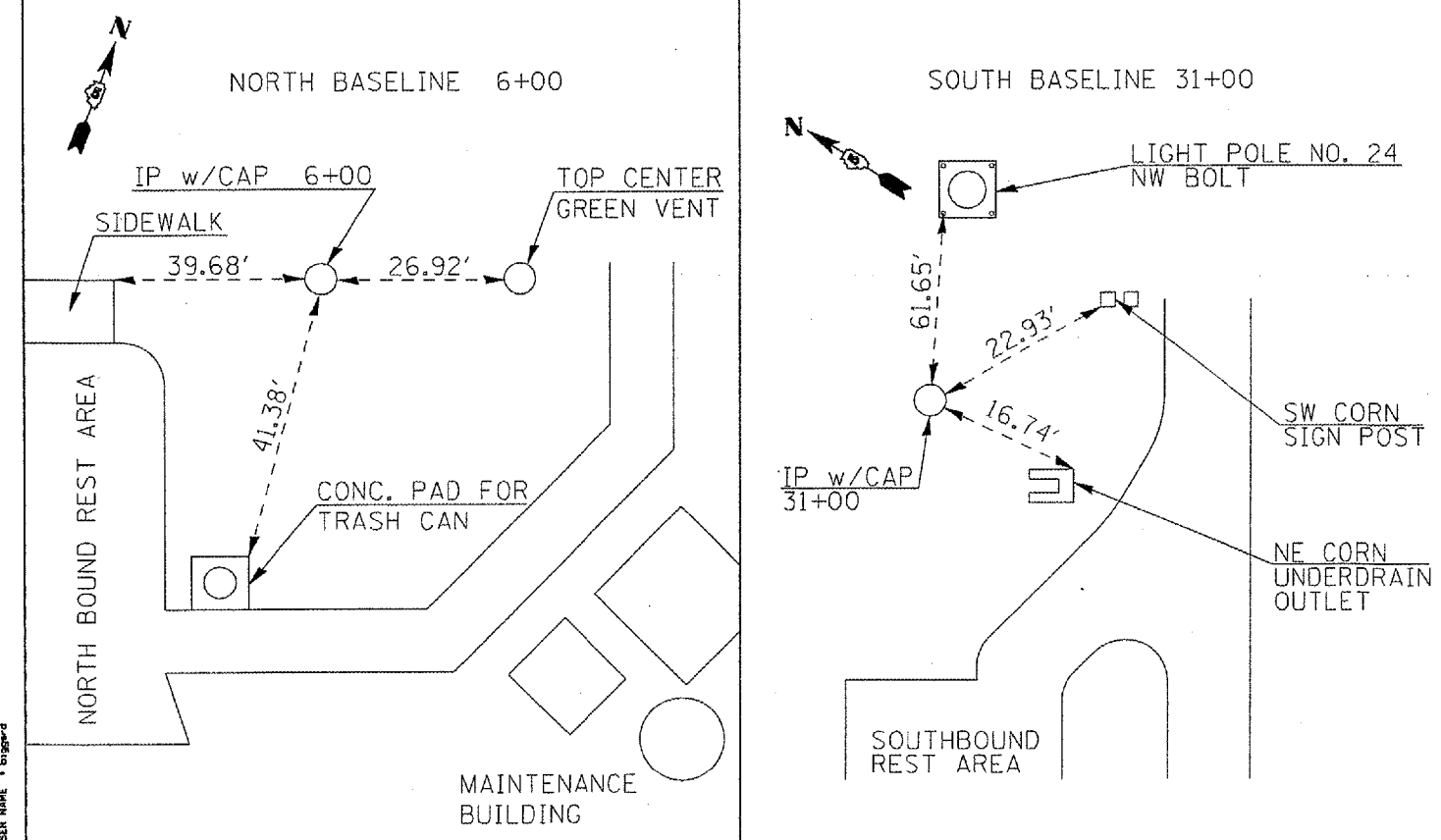
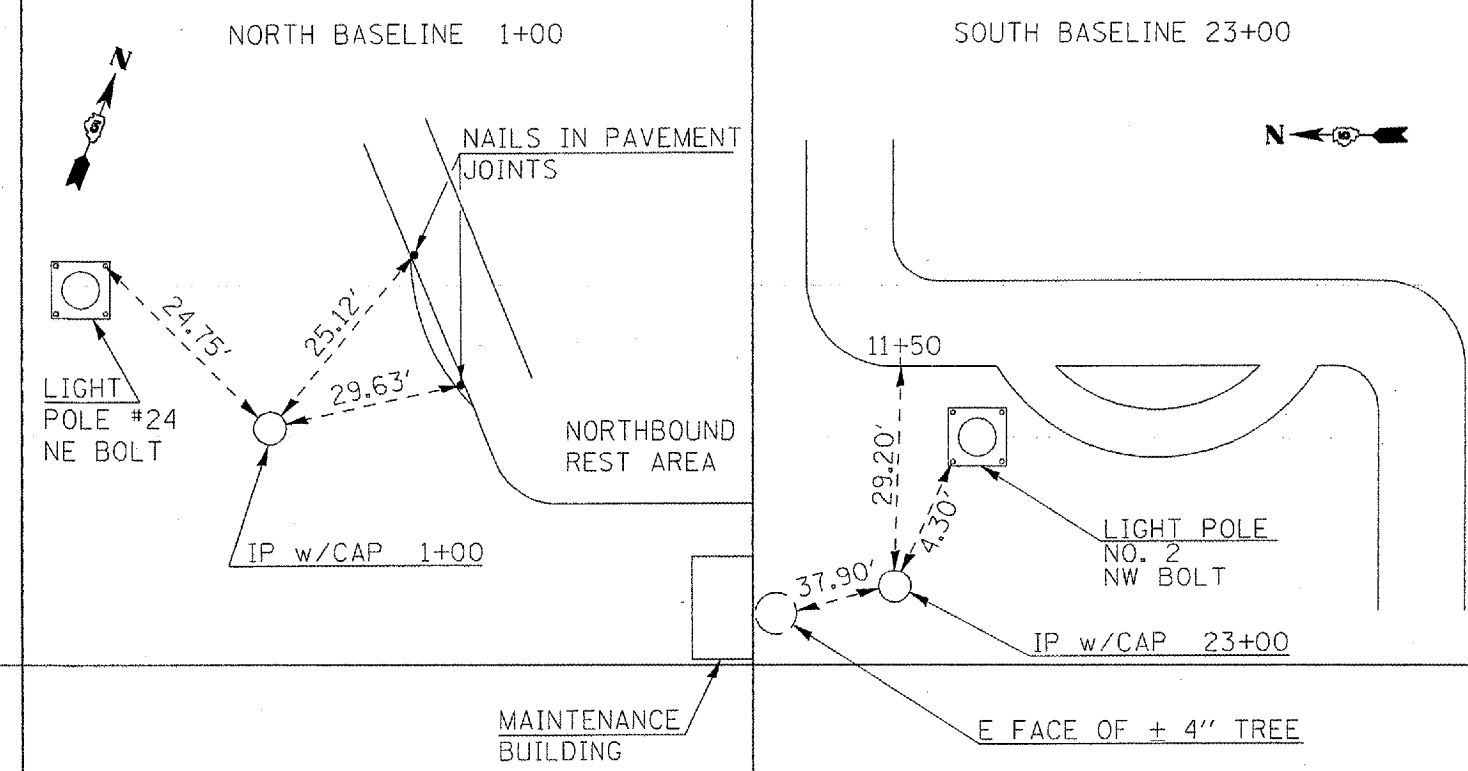
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HORIZ.  
DATE

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CHECKED BY

PLOT DATE: 3/21/2007  
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USER: MME

CONTRACT NO. T0626				
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	
55	57RA-LJ	MCLEAN	12	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

### TIE POINTS



### BILL OF MATERIALS FUNKS GROVE REST AREA LIGHTING

ITEM	UNIT	QUANTITY
CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	137
UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1990
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1833
LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	1
LUMINAIRE, SODIUM VAPOR, HIGH MAST, MULTI-MOUNT, 400 WATT	EACH	16
LIGHT POLE, WEATHERING STEEL, 45 FT. M.H., TENON MOUNT	EACH	1
LIGHT TOWER, 90 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 8	EACH	2
LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	1
LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	35
REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	2
LIGHTING FOUNDATION REMOVAL	EACH	2

#### PLAN NOTES

1. LOCKNUTS WITH NYLON OR METAL INSERTS SHALL BE USED ON TOWERS TO DETER THE REMOVAL OF NUTS BY VANDALISM. THE ANCHOR RODS SHALL NOT BE PEENED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. LOCKNUTS SHALL NOT BE REQUIRED FOR FLAIR TYPE BASES.
2. PROVIDE NEW CONDUCTORS TO EXISTING CONTROLLER AND CONNECT TO EXISTING FEEDER BREAKER. THE INSTALLATION OF CONDUCTORS INSIDE THE BUILDING AND CONNECTION TO FEEDER BREAKERS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT COST FOR THE UNIT DUCT SPECIFIED.
3. RECONNECT EXISTING LIGHTING CIRCUIT AT POLE #2 AND POLE #38.
4. IN LIEU OF INSTALLING NEW UNIT DUCT AND/OR PUSHING NEW STEEL CONDUIT, THE CONTRACTOR MAY PULL NEW CONDUCTORS INTO THE EXISTING UNIT DUCT WITH THE APPROVAL OF THE ENGINEER.
5. PROVIDE AND INSTALL POLE IDENTIFICATION AS DIRECTED BY THE ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

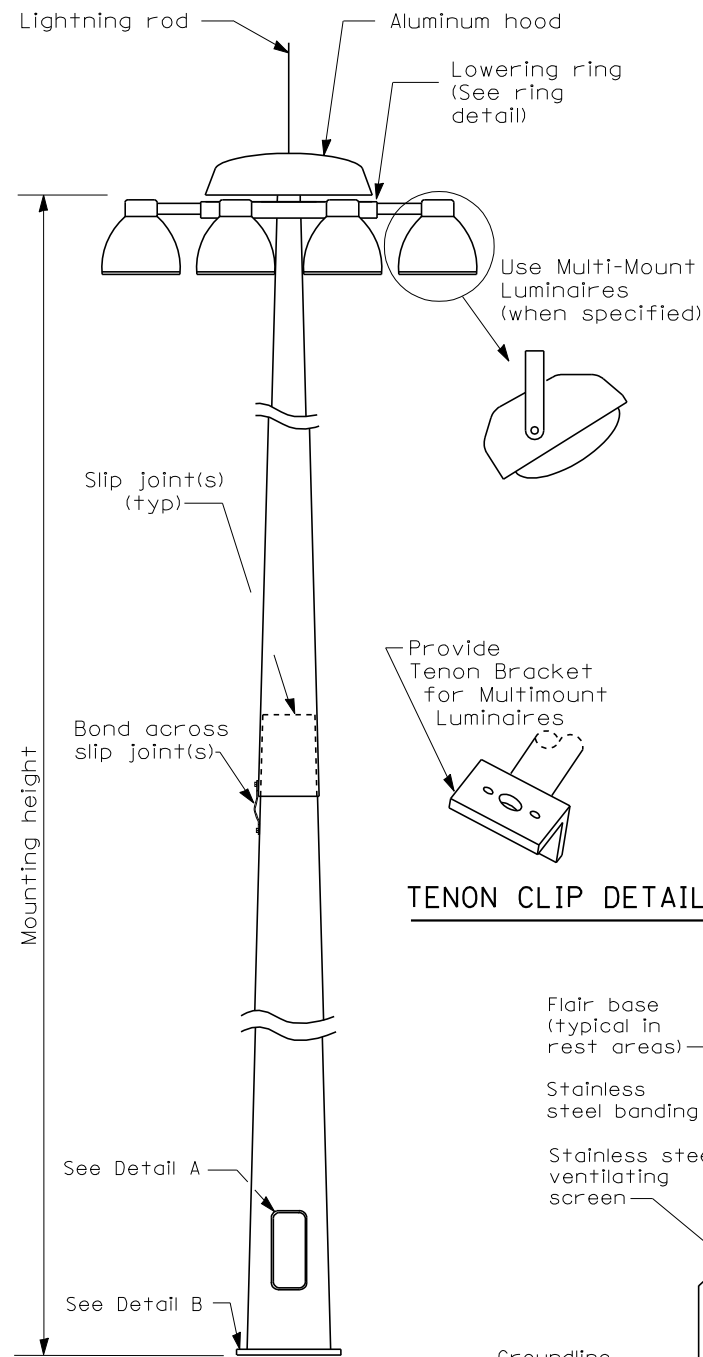
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HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

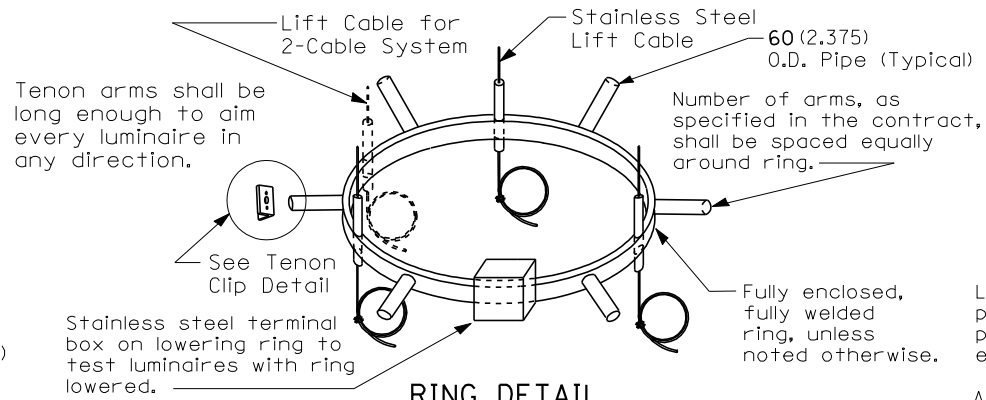
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	57(RA-L)	MCLEAN	12	7

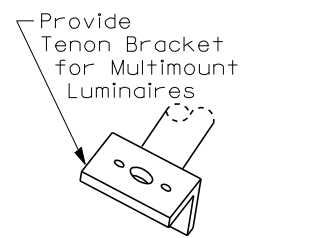


HIGH MAST POLE

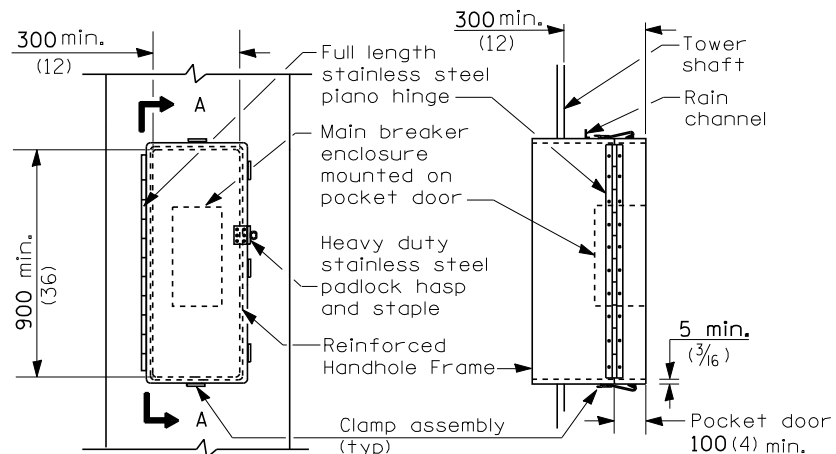
Not to scale



RING DETAIL

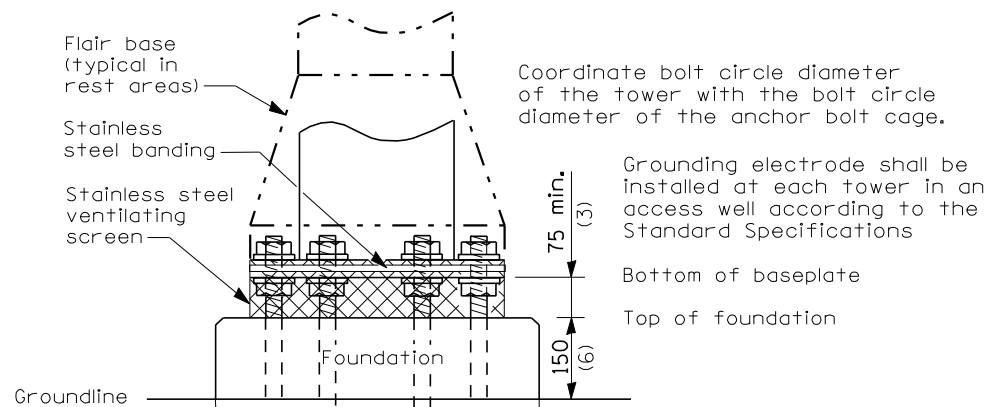


TENON CLIP DETAIL

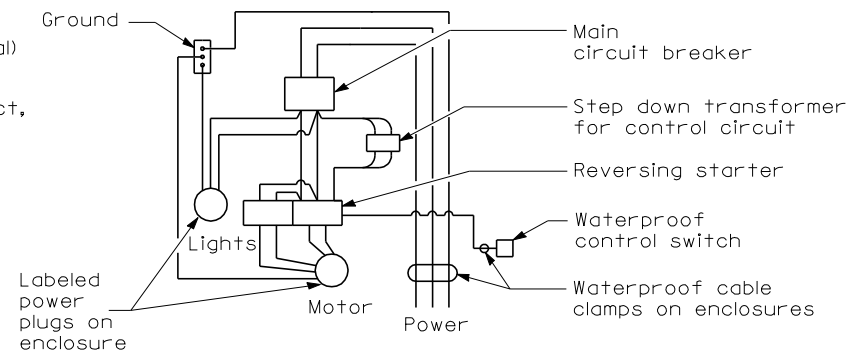


DETAIL A

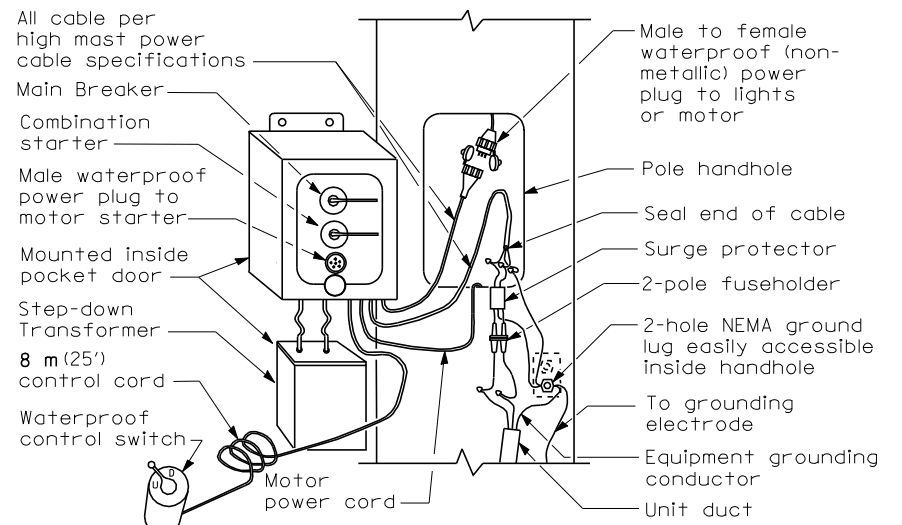
SECTION A-A



DETAIL B



POLE WIRING DETAIL



GENERAL NOTES

- 1) Luminaires shall be aimed as shown on the aiming schedule in the plans and as directed by the Engineer.
- 2) Handhole door shall have a minimum of one clamp assembly on top and bottom and a minimum of three clamp assemblies on the non-hinged side of the door.
- 3) Provide racks to house all wiring so cables are neatly stored and the handhole door is not closing against a random lay of cables.
- 4) Verify adequate clearance exists to open and close the handhole door with no conflict of the main breaker panel which is mounted to the inside of the door.
- 5) The luminaire ring shall be balanced so it lowers evenly.
- 6) Manufacturer of lowering device shall factory wire the winch drive electrical control system. Cable attachment to plugs and polarity must be observed to prevent faults to ground when plugs are changed between lights and motor circuits. Alternate schemes shall be approved by the Engineer.

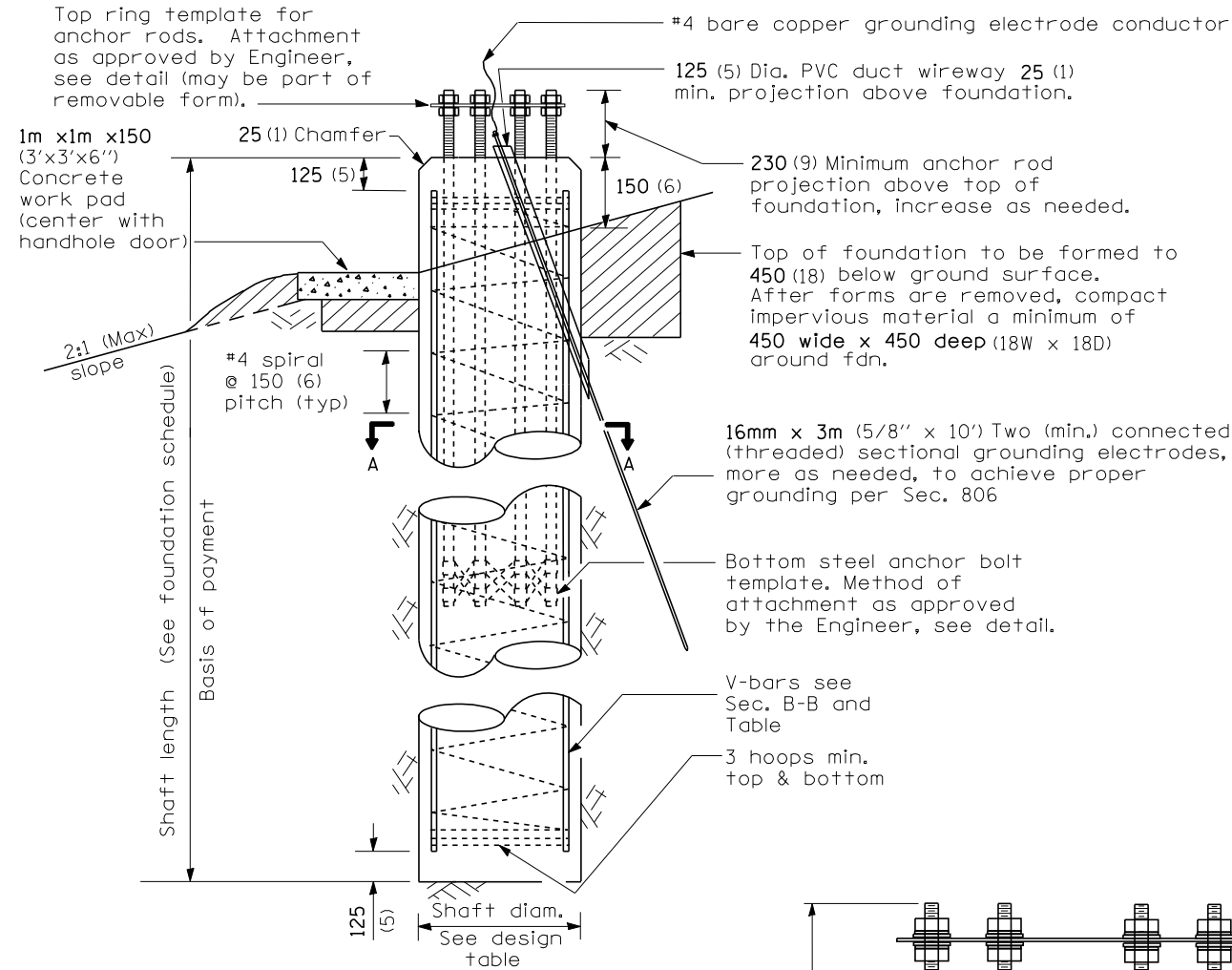
All dimensions are in millimeters (inches) unless otherwise shown.

HIGH MAST TOWER SCHEDULE								
TOWER*	LOCATION	STATION	OFFSET	HEIGHT	TYPE	* LUMS	WATTAGE	REMARKS

DATE	REVISIONS	HIGH MAST LIGHT TOWER
	Corrected 4/4/06	
		LG1010

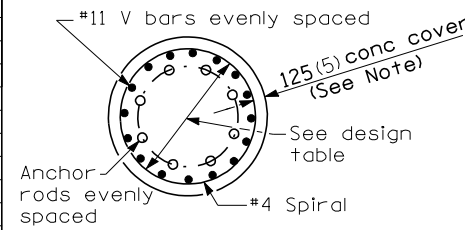
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	57(RA-L)	MCLEAN	12	8

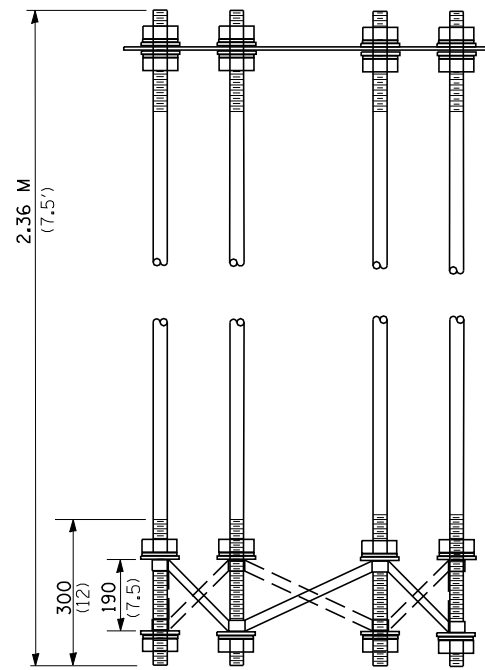


FOUNDATION SCHEDULE			
TOWER NUMBER	STATION	OFFSET	SHAFT LENGTH

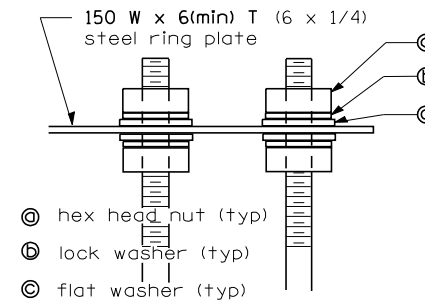
**FOUNDATION ELEVATION**



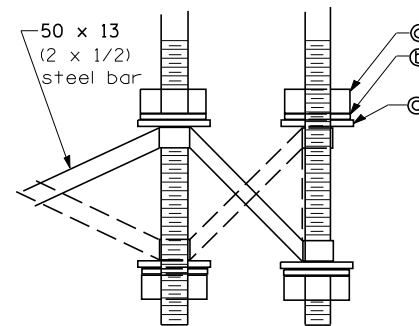
**SECTION A-A**



**ANCHOR ROD CAGE**



**ANCHOR ROD CAGE TOP**



**ANCHOR ROD CAGE BOTTOM**

TOWER HEIGHT (m)	ANCHOR ROD DIAM. (MIN) (mm)	ROD CIRCLE DIAM. (MIN) (mm)	TOWER BASE DIAM. (MIN) (mm)	DRILLED SHAFT		V Bar # 11 NUMBER (each)
				DIAM. (m)	NUMBER (each)	
25	450	760	610	1.2	14	14
27	450	760	610	1.2	14	14
30	450	760	610	1.2	14	14
34	450	760	610	1.2	14	14
37	525	915	660	1.4	18	18
40	525	915	710	1.4	18	18
43	525	915	710	1.4	18	18
46	675	965	760	1.5	22	22
49	675	965	810	1.5	22	22

TOWER HEIGHT (ft)	ANCHOR ROD DIAM. (MIN) (in)	ROD CIRCLE DIAM. (MIN) (in)	TOWER BASE DIAM. (MIN) (in)	DRILLED SHAFT		V Bar # 11 NUMBER (each)
				DIAM. (in)	NUMBER (each)	
80	1.5	30	24	48	14	14
90	1.5	30	24	48	14	14
100	1.5	30	24	48	14	14
110	1.5	30	24	48	14	14
120	1.75	36	26	54	18	18
130	1.75	36	28	54	18	18
140	1.75	36	28	54	18	18
150	2.25	38	30	60	22	22
160	2.25	38	32	60	22	22

SOIL CONSISTENCY	AVERAGE STRENGTH (Qu in kPa)	LIGHT TOWER HEIGHT (meters)									
		24	27	30	34	37	40	43	46	49	
Cohesive	SOFT	< 50	6.2	6.5	6.9	7.2	7.6	8.0	8.3	8.7	9.1
	MEDIUM	50 to 100	5.1	5.3	5.6	5.8	6.2	6.4	6.7	7.0	7.3
	STIFF	100 to 200	4.4	4.5	4.7	4.8	5.2	5.4	5.5	5.9	6.1
	VERY STIFF	200 to 400	3.8	3.9	4.1	4.2	4.5	4.6	4.7	5.1	5.2
HARD	> 400	3.5	3.5	3.6	3.7	4.0	4.1	4.2	4.5	4.6	
Granular	(N in BLOWS/0.3M)										
	VERY LOOSE	< 5	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5
	LOOSE	5 to 10	4.6	4.8	4.9	5.1	5.3	5.5	5.6	5.7	5.9
	MEDIUM	10 to 25	4.4	4.5	4.7	4.9	5.0	5.2	5.3	5.5	5.6
	DENSE	25 to 50	4.1	4.3	4.5	4.6	4.7	4.9	5.0	5.2	5.3
	VERY DENSE	> 50	3.9	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1

SOIL CONSISTENCY	AVERAGE STRENGTH (Qu in tsf)	LIGHT TOWER HEIGHT (feet)									
		80	90	100	110	120	130	140	150	160	
Cohesive	SOFT	< 0.5	20.4	21.5	22.5	23.6	25.0	26.1	27.2	28.5	29.8
	MEDIUM	0.5 to 1	16.8	17.5	18.3	19.0	20.3	21.1	21.8	23.1	24.0
	STIFF	1 to 2	14.3	14.8	15.4	15.9	17.1	17.6	18.1	19.3	19.9
	VERY STIFF	2 to 4	12.6	13.0	13.3	13.7	14.8	15.2	15.6	16.7	17.1
HARD	> 4	11.4	11.6	11.9	12.2	13.2	13.5	13.8	14.9	15.2	
Granular	(N in BLOWS/FT.)										
	VERY LOOSE	< 5	16.4	17.1	17.8	18.5	18.9	19.6	20.2	20.7	21.4
	LOOSE	5 to 10	15.0	15.6	16.2	16.8	17.3	17.9	18.4	18.9	19.5
	MEDIUM	10 to 25	14.3	14.9	15.5	16.0	16.4	17.0	17.5	17.9	18.5
	DENSE	25 to 50	13.6	14.1	14.6	15.1	15.5	16.1	16.5	16.9	17.5
	VERY DENSE	> 50	12.9	13.4	13.9	14.4	14.8	15.3	15.7	16.1	16.6

**GENERAL NOTES**

- 1) The shaft length(s) provided in the foundation schedule are based on the soil borings included in the plans. If different soils are encountered, the engineer shall be notified to provide a revised length.
- 2) Use 8 rods min., see design table for minimum anchor rod diameter. Anchor rod quantity, diameter, and length shall be determined by the approved drawings furnished by pole manufacturer.
- 3) All foundation reinforcement steel to be epoxy coated. Use #11 vertical bars and #4 spiral reinforcement - see design table.
- 4) The cost of reinforcing is incidental to the foundation.
- 5) Steel anchor bolt forms shall not be removed for a minimum of 3 days after concrete is poured and the tower shall not be set for a minimum of 7 days or as approved by the Engineer.
- 6) Coordinate bolt circle diameter of the tower with the bolt circle diameter of the anchor bolt cage.
- 7) Foundation shall be in accordance with applicable portions of Section 516 and 837 of the Standard Specifications.
- 8) Foundation shall be poured monolithically with no construction joints allowed.
- 9) Place grounding electrodes in an access well, if there is a conflict in using the wireway window.
- 10)

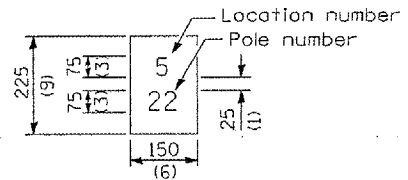
All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS	LIGHT TOWER FOUNDATION
	Corrected 4/12/06	



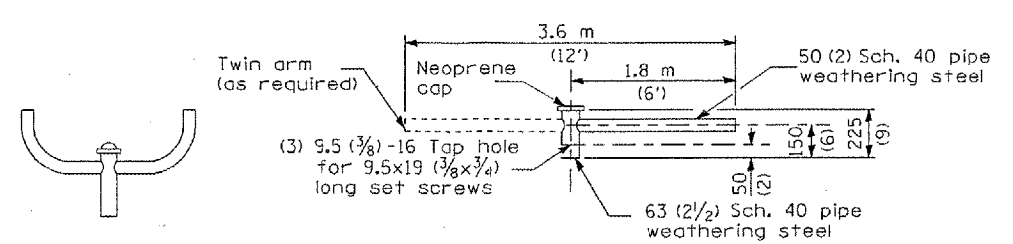
"Install and orient arm bracket over pole tenon and firmly hand tighten the two set screws. Use third hole in arm bracket as a guide to drill a 8.3 (3/4) diameter hole through tenon. Install and tighten self-tapping screw. Tighten set screws an additional (1/4 to 3/8) turn with hex key (not provided). 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.), 3.7 m<sup>2</sup> (4.0 sq. ft.) E.P.A. luminaire.



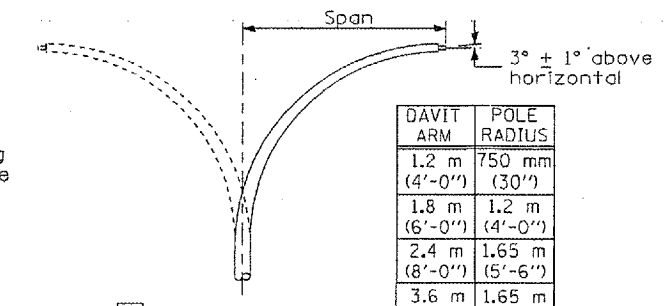
The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements 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.



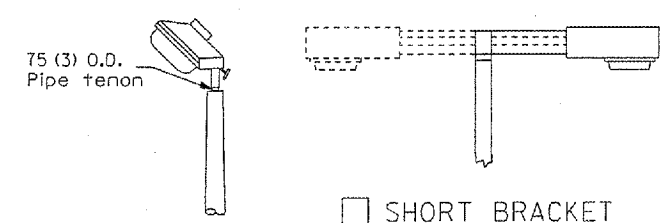
TWIN TENON       TENON MOUNT BRACKET ARM

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

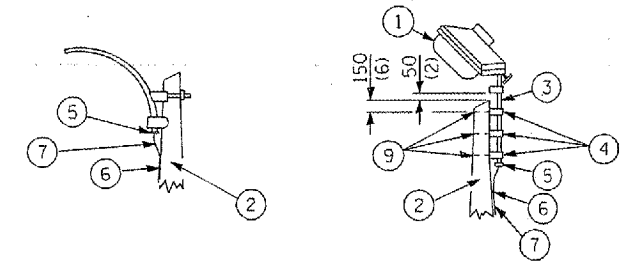


DAVIT ARM       DAVIT ARM-TWIN

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")

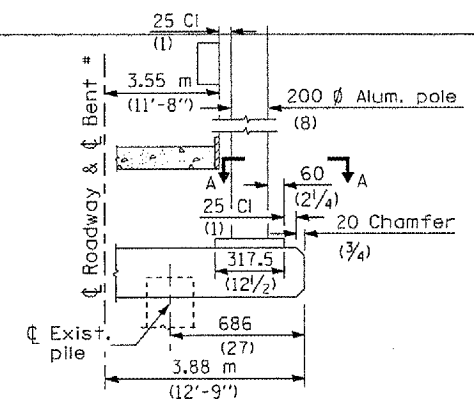


TENON       SHORT BRACKET  
 SHORT BRACKET - TWIN

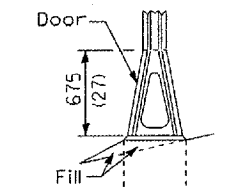


MAST ARM       TENON

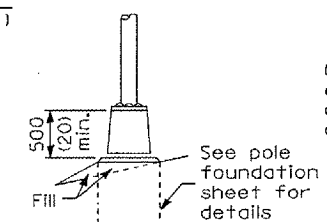
- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer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



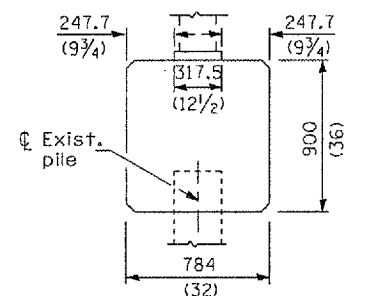
BENT # (Looking)



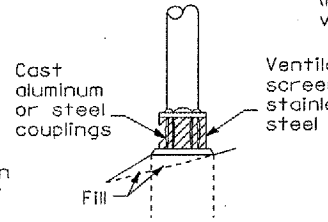
STAINLESS STEEL FLAIR BASE



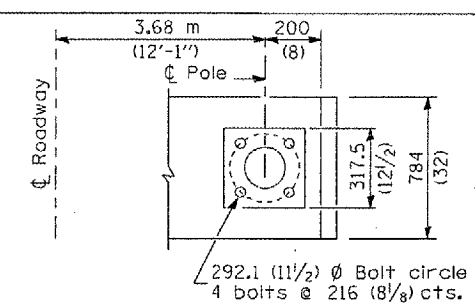
TRANSFORMER BASE



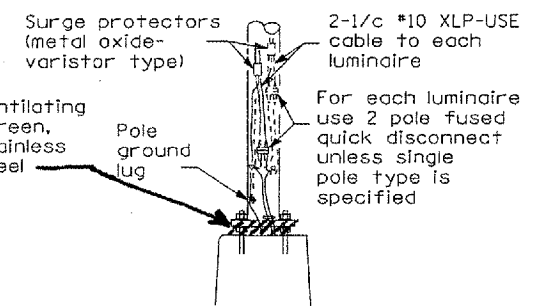
BRIDGE PIER MOUNT



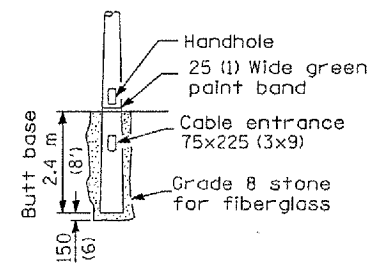
BREAKAWAY COUPLING



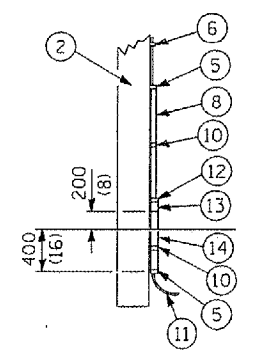
SECTION A-A



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.

POLE STANDARDS

LGT008.M32

DATE	REVISIONS	POLE STANDARDS

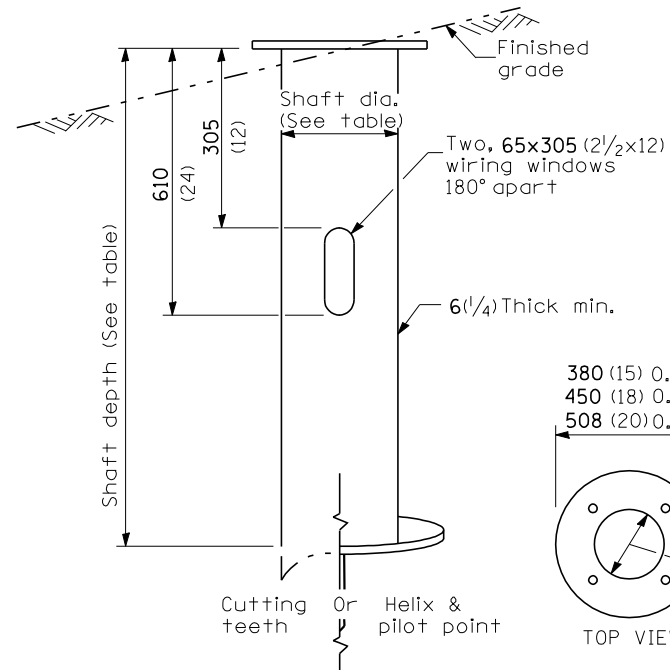
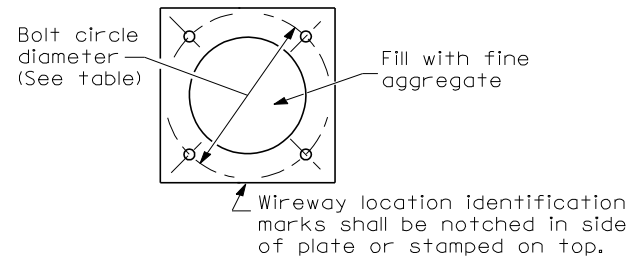
LGT008.M32

PLOT DATE = 3/24/2007  
 PLOT SCALE = 0.500000  
 USER NAME = Engined

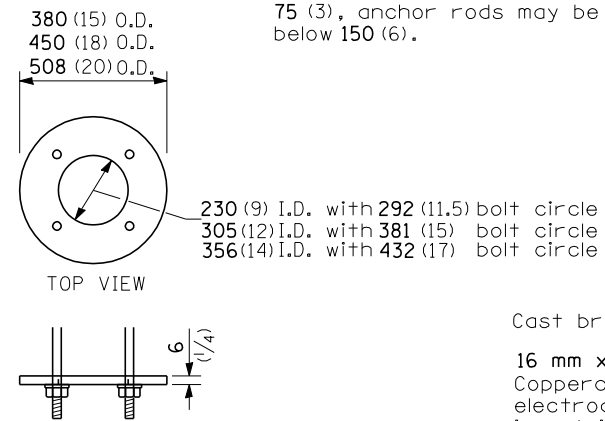
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	57(RA-L)	MCLEAN	12	10

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 <sup>5</sup> / <sub>8</sub> )	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 <sup>5</sup> / <sub>8</sub> )	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 <sup>5</sup> / <sub>8</sub> )	1.83 m (6')	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 <sup>5</sup> / <sub>8</sub> )	1.83 m (6')	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 <sup>5</sup> / <sub>8</sub> )	2.44 m (8')	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	2.13 m (7'-0")	2.00 m (6'-9")

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



**STEEL FOUNDATION**

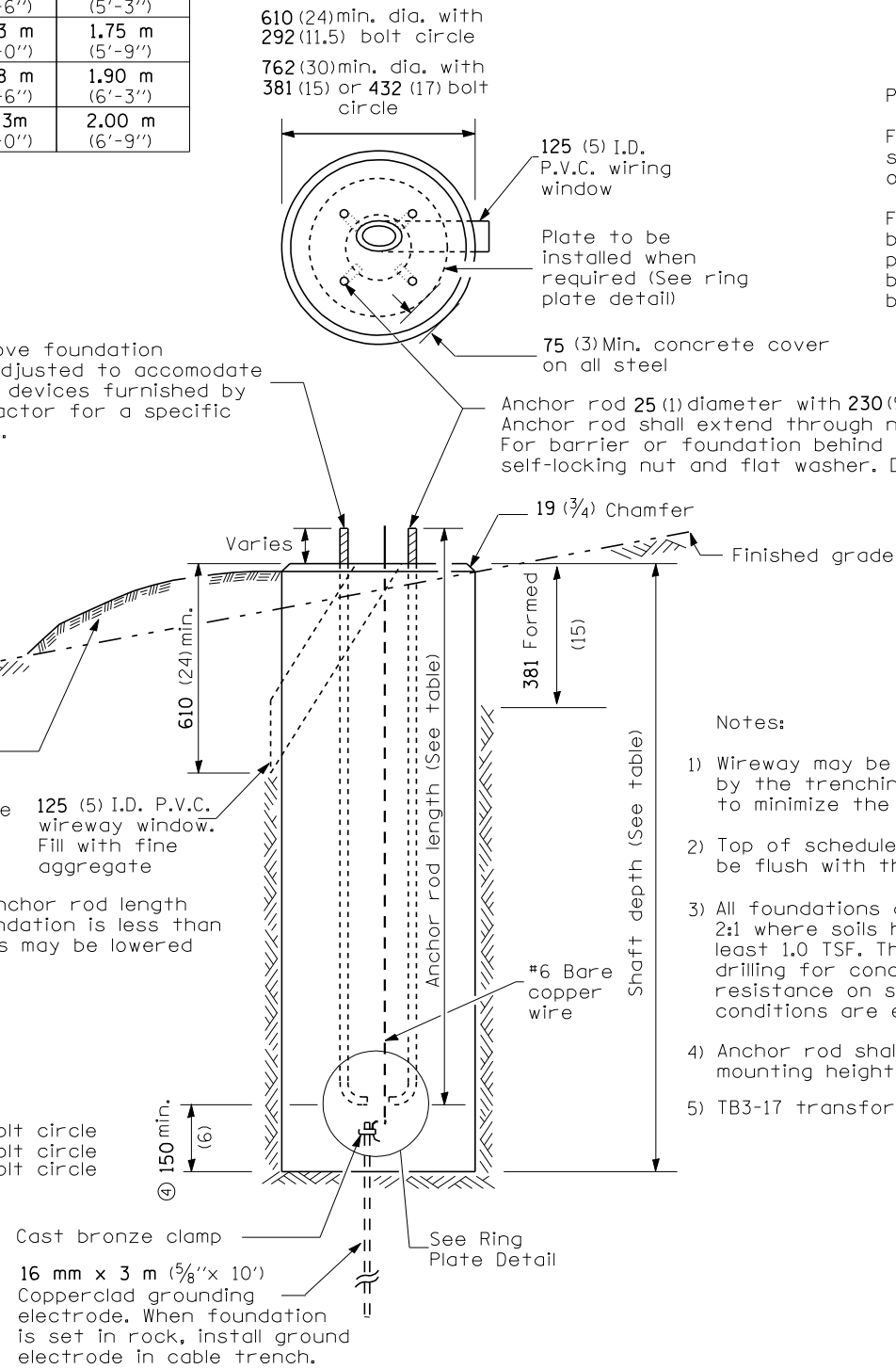


(When rock is encountered and foundation is shallower)

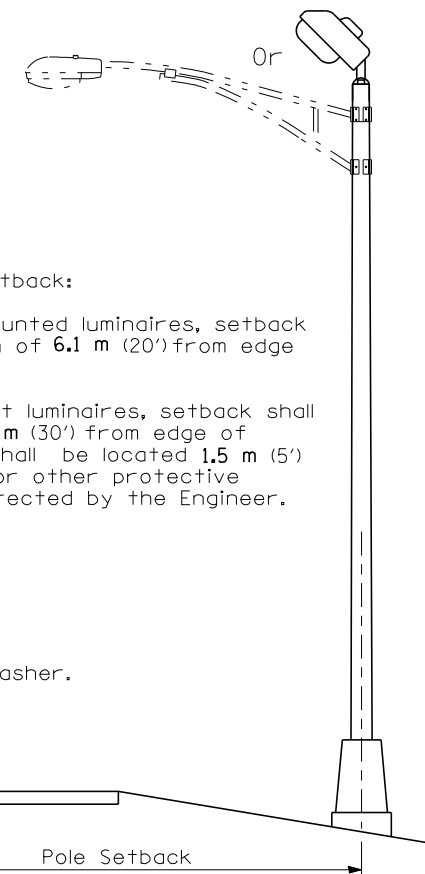
Length above foundation shall be adjusted to accommodate breakaway devices furnished by the contractor for a specific installation.

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).



**CONCRETE FOUNDATION**



**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

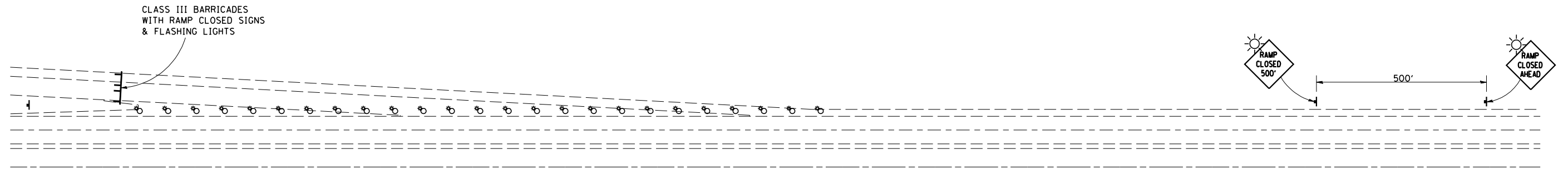
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	57(RA-L)	MCLEAN	12	11

SYMBOLS

- ⊙ TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- ⊣ SIGN ON PORTABLE OR PERMANENT SUPPORT

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail TRAFFIC CONTROL FOR RAMPS and shall be paid for at the contract lump sum price for Traffic Control for Ramps.

**RAMP CLOSURE**



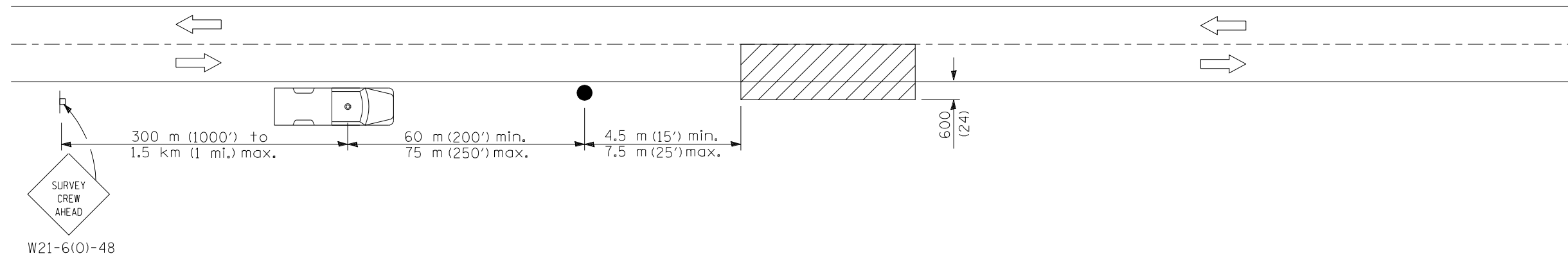
GENERAL NOTES

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.  
 CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER  
 AT 217-465-4181, TWO WEEKS PRIOR TO CLOSING THE RAMP.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
			<b>TRAFFIC CONTROL FOR RAMPS</b>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	57(RA-L)	MCLEAN	12	12



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