STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

METRA-RICHTON PARK STATION
POLE/LUMINAIRE REPLACEMENT
PROJECT: M-4003(493)
SECTION: 15-00056-00-LT
VILLAGE OF RICHTON PARK, COOK COUNTY, ILLINOIS

Job. No.: C-91-258-15

ROADWAY DATA

ROADWAY DESIGNATION:

SAUK TRAIL = MINOR ARTERIAL
RICHTON ROAD = LOCAL STREET

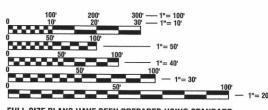
AVERAGE DAILY TRAFFIC (ADD):

SAUK TRAIL = 24,400
RICHTON ROAD = UNKNOWN

SPEED LIMIT (POSTED):

SAUK TRAIL = 40 MPH
RICHTON ROAD = 20 MPH



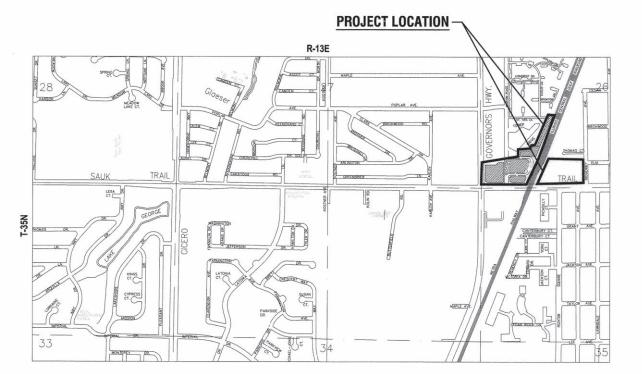


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. Joint Utility Location Information for Excavation 1-800-892-0123 Or 811

PROJECT ENGINEER: BRETT R. BUTTERFIELD PROJECT MANAGER: THEODORE G. SIANIS, P.E.

CONTRACT NO. 61D10

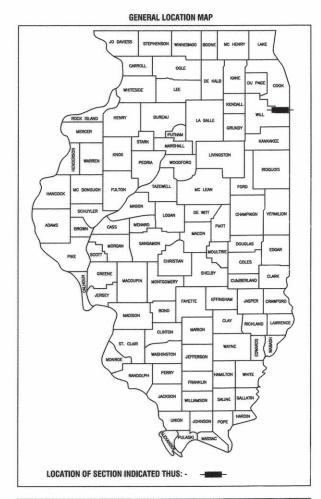


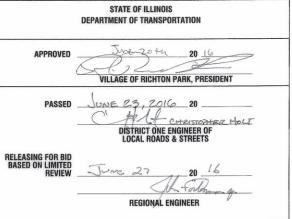
SW 1/4 OF SECTION 26

LOCATION MAP

N.T.S.







PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



DESIGN FIRM REGISTRATION

977 NORTH OAKLAWN AVENUE SUITE 106 ELMHURST, IL 60126 PHONE: 630.413.4130 FAX: 262.657.1594

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E., PTOE (847) 705-4021

INDEX OF SHEETS

COVER SHEET GENERAL NOTES, SUMMARY OF QUANTITIES

MAINTENANCE OF TRAFFIC

5-7 LIGHTING DETAILS

ILLINOIS HIGHWAY STANDARD DRAWINGS

STANDARD NO. DESCRI

DESCRIPTION

000001-06 701901-05

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS TRAFFIC CONTROL DEVICES

IDOT DISTRICT 1 STANDARD DRAWINGS

STANDARD NO. DESCRIPTI

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY ALL LOCAL UTILITY COMPANIES INCLUDING:

 JULIE
 800-892-0123

 COMMONWEALTH EDISON
 800-334-7661

 AT&T CABLE
 847-295-2610

 NICOR
 888-642-6748

 VILLAGE OF RICHTON PARK
 708-481-8950

72 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION, SAID UTILITY COMPANIES WILL ESTABLISH, ON THE GROUND, THE LOCATION OF UNDERGROUND PIPES, MAINS, CONDUITS, OR CABLES ADJOINING OR CROSSING PROPOSED CONSTRUCTION.

- CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS AT 708-481-8950 AND THE ENGINEER AT 262-657-1550 A MINIMUM OF 24 HOURS IN ADVANCE OF PERFORMING ANY WORK, RE-NOTIFICATION SHALL BE REQUIRED IF ANY PHASE OF WORK IS SUSPENDED FOR MORE THAN TWO (2) DAYS.
- 3. THE FOLLOWING CODES AND STANDARDS, AS APPLICABLE, SHALL GOVERN CONSTRUCTION UNDER THIS CONTRACT:
- 3.1. STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED APRIL 1, 2016 AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS.
- 3.2. STATE OF ILLINOIS, "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", LATEST EDITION AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SEWER AND WATER SPECIFICATIONS.
- 3.3. "MANUAL ON TRAFFIC CONTROL DEVICES", LATEST EDITION, AND THE "ILLINOIS SUPPLEMENT TO THE NATIONAL MANUAL ON TRAFFIC CONTROL DEVICES", LATEST EDITION, AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE "MUTCO".
- 4. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS. BARRICADES AND OTHER REQUIRED TRAFFIC CONTROL SHALL BE CONSIDERED INCLUSIVE TO THE UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION BID ITEM, UNLESS OTHERWISE SPECIFIED.
- 5. UTILITIES SHOWN IN THE PLANS ARE FOR THE CONTRACTOR'S CONVENIENCE AND ARE APPROXIMATE ONLY. THE UTILITIES ARE LOCATED FROM THE BEST AVAILABLE INFORMATION, THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL TYPES, SIZES, AND LOCATIONS OF EXISTING UTILITIES.
- CAUTION: THERE MAY BE OVERHEAD AND BURIED POWER LINES WHICH COULD POSSIBLY INTERFERE OR BE A SAFETY HAZARD WITH EQUIPMENT OPERATIONS.
- ALL CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE COMPLETED PRIOR TO PLACING ANY BITUMINOUS MATERIAL ON THAT STREET SEGMENT.
- 8. DURING CURB AND GUTTER REMOVAL OPERATIONS, THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT A GRAVEL RAMP TO MAINTAIN ACCESS, PLACEMENT AND REMOVAL OF THE TEMPORARY RAMPS ARE CONSIDERED INCLUSIVE TO THE UNIT PRICE FOR THE CONCRETE CURB AND GUTTER REMOVAL, ROADWAY ACCESS AND THROUGH PASSAGE FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
- 9. THE CONTRACTOR SHALL PLACE WARNING SIGNS 48 HOURS PRIOR TO 10. PLACEMENT OF PRIME COAT AND COMMENCEMENT OF PAVING OPERATIONS.

- 11. IF A PERIOD OF TEN (10) CALENDAR DAYS ELAPSES BEFORE THE PLACEMENT OF ANY BITUMINOUS COURSE, THE CONTRACTOR MAY BE REQUIRED TO PLACE ANOTHER PRIME COAT AT NO ADDITIONAL COST.
- 12. WHEN LOOSE MATERIAL IS DEPOSITED IN ALLEYS OR GUTTERS, IT SHALL BE REMOVED BEFORE THE END OF EACH WORKING DAY. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUSIVE TO THE BID ITEM FOR MOBILIZATION.
- 13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL FEATURES DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL STATE, OR BETTER. ALL RESTORATION WORK REQUIRED BEYOND THE SCOPE OF THE PLANS AND SPECIFICATIONS SHALL BE DONE AT THE CONTRACTOR'S EXPENSE UNLESS WORK WAS DONE AT THE DIRECTION OF THE OWNER OR ENGINEER AND COMPENSATION WAS AGREED UPON PRIOR TO EXECUTION OF WORK.
- 14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL NECESSARY PAVEMENT OPENINGS AND CONSTRUCTION DEBRIS LEFT IN THE PUBLIC RIGHT-OF-WAY WITH LIGHTED DEVICES. THE CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS TO PEDESTRIANS AND MOTORISTS. REMOVAL OF ANY SUCH TEMPORARY HAZARDS SHALL BE DONE AS SOON AS POSSIBLE.
- 15. ALL EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS THAT WILL BE ADJUSTED OR RECONSTRUCTED SHALL BE CLEANED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH THIS SHALL BE INCLUDED IN THE APPLICABLE BID ITEMS.
- 16. THE GRADING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER, GRADING SHALL BE DONE TO ALLOW FOR POSITIVE ORAINAGE.
- 17. UTILITY SERVICES TO RESIDENTS OR BUSINESSES WHICH ARE INTERRUPTED DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR SO THAT NO SERVICE IS INTERRUPTED FOR MORE THAN EIGHT (8) HOURS, IF TEMPORARY SERVICE IS REQUIRED, THE EXPENSE FOR SAME SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 18. THE EDGES OF ALL IMPROVED SURFACES WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE SAW CUT FULL DEPTH PRIOR TO RESTORATION. ANY SAW CUTTING OF PAVEMENT PATCHES, BUTT JOINTS, DRIVEWAY APPROACHES, CONCRETE CURBS, SIDEWALK, OR ANY OTHER AREAS NECESSARY TO COMPLETE THIS PROJECT WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUSIVE TO THE APPLICABLE REMOVAL BID ITEMS.
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL STREETS USED BY THE CONTRACTOR, SUB-CONTRACTORS, AND SUPPLIERS CLEAN AND FREE FROM ALL DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS, AND WILL BE REQUIRED TO CLEAN THEM AS IS NECESSARY IN ORDER TO MAINTAIN THEM IN A SAFE, DRIVABLE CONDITION. THE CONTRACTOR SHALL BE RESPONSIVE TO REQUESTS FROM THE ENGINEER, ENGINEER'S REPRESENTATIVE, DIRECTOR OF PUBLIC WORKS SUPERINTENDENT OF STREETS, POLICE AND FIRE DEPARTMENTS, OR ANY OFFICIAL OF THE OWNER TO PRACTICE GOOD HOUSEKEEPING THROUGHOUT THE DUARTION OF THE PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUSIVE TO THE TRAFFIC CONTROL AND PROTECTION BID ITEM.
- 20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING THE PROJECT.
- 21. ANY COSTS ASSOCIATED WITH REQUIRED TRIMMING OR TREE REPLACEMENT DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE PAID FOR AT THE CONTRACTOR'S EXPENSE.

- 22. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUINS, ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMATIC DAMAGE TO THE REMAINING TREE STRUCTURE, ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- 23. PRUNE TREE LIMBS THAT MIGHT BE DAMAGED BY EQUIPMENT OPERATIONS AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION BY A CERTIFIED ARBORIST. ANY TREE LIMBS THAT ARE BROKEN BY CONSTRUCTION EQUIPMENT AFTER THE INITIAL PRUNING MUST BE PRUNED CORRECTLY WITHIN 72 HOURS.
- 24. SUPPLEMENTAL WATERING IS SPECIFIED FOR TREES AND SHRUBS THAT WILL BE DISTURBED BY CONSTRUCTION BUT WILL REMAIN, NOTE THAT WATERING SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING, TOP PRUNING, OR OTHER CONSTRUCTION INSTRU

COMMITMENTS

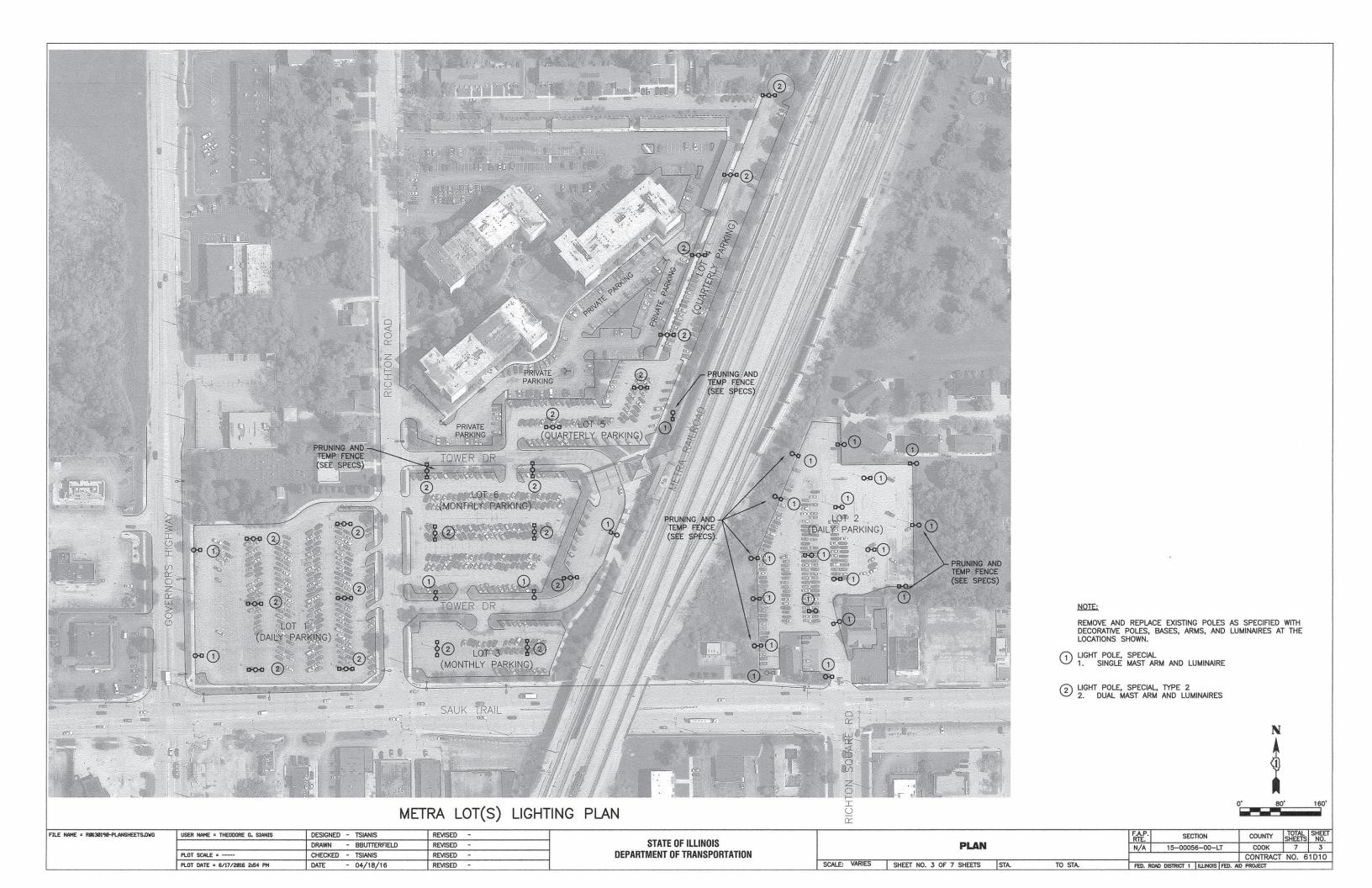
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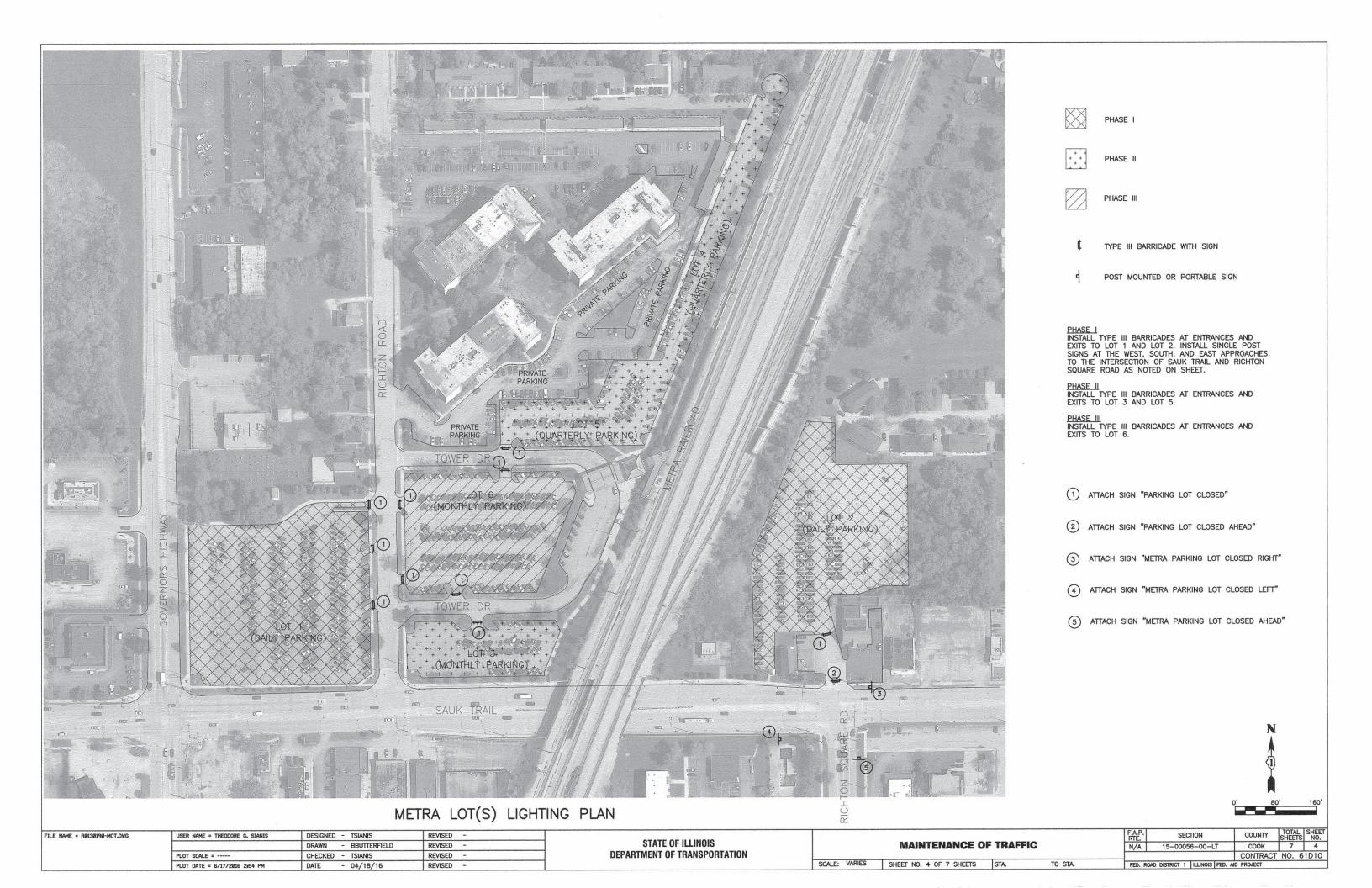
	SUMMARY OF QUANTITIES		LIGHTING 0021
CODE NO.	ITEM	UNIT	TOTAL QTY
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	6
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	6
20101000	TEMPORARY FENCE	FOOT	250
67100100	MOBILIZATION	LSUM	1
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	43
X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	62
X8300001	LIGHT POLE, SPECIAL	EACH	24
XX009135	LIGHT POLE, SPECIAL, TYPE 2	EACH	19
X7010216	TRAFFIC CONTROL & PROTECTION, (SPECIAL)	LSUM	1

FILE NAME = R88388198-GENERAL INFORMATION.DWIGUSER NAME = THEODORE G, SIANIS DESIGNED - TSIANIS REVISED
DRAWN - BBUTTERFIELD REVISED
PLOT SCALE = ----- CHECKED - TSIANIS REVISED
PLOT DATE = 6/28/2816 8:38 AM DATE - 04/18/16 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

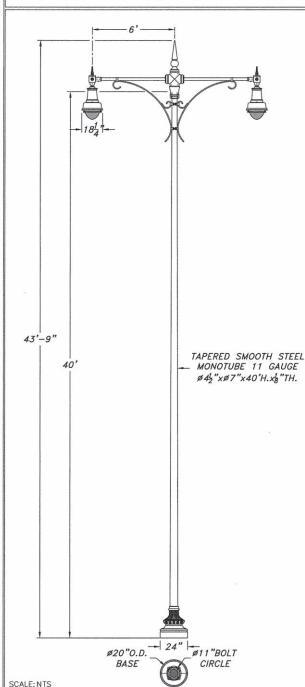
	2			F.A.P. RTE.	SEC	TION	COUNTY	TOTAL	SHEET NO.	
	GENER/	AL NOTES & SUMMARY OF QU	SYMBOL LEGEND	N/A 15-00056-00-LT		6-00-LT	COOK	7	2	
								CONTRACT	NO.	31D10
SCALE:	NONE	SHEET NO. 2 OF 7 SHEETS	STA.	TO STA.	FED. ROA	D DISTRICT 1	ILLINOIS FED. A	ID PROJECT		





All LED products manufactured in the United States

NILAND-24 SERIES



CSI POLE SPECIFICATION

BASE

Base shall be cast aluminum. Aluminum shall be certified as pure 356 copper free of any porosity, foreign materials or cosmetic fillers. Base casting shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be .250".

Post shall be tapered smooth steel pole. Shaft extrusion shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 11 gauge (1/8"). There are no exterior welds to finish. A bolt plate shall be welded on bottom of the extrusion.

Arm shall be cast iron and steel construction that will mount directly to the steel pole.

IV. ANCHORAGE DETAIL

Post base requires (4) Ø1"x36" hot dip galvanized L-type anchor bolts with 3" maximum

The pendant mount luminaire shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be of uniform wall trackness with no worping or more shrinding, limitarium wall trackness shall be displayed with four stainless steel screws. The core ports for vetilation located just beneath pendant housing and LED unit mounting ring increase thermal management and over all LED longevity. The optional refractor shall be molded of acrylic, glass or a polycorbonate globe with external refractor designed for either a type III or type V light distribution pattern.

VI. LED POWER SUPPLY

Up to 100,000 hours Mean Time Before Failure (MTBF). Each factor adjustable setting draws between 300 to 600 milliamps of power. Only 1 power supply is used for up to 125 LED watts each enclosed fixture. Multiple circuit detection and protections. Each unit is rated up to 16 amps of power. Input voltage range of 90–305VAC. Minimum operating temperature —22°F (—30°C) Maximum operating temperature 140°F (60°C).

FINISHES

Five Year Powder Coating Warranty

Niland Company factory-applied powder coatings are warranted against peeling, excessive fading and cracking under normal climatic exposure for a period of five years from date of shipment. Damage to finish coating caused by obuse or mishandling during installation is not covered by warronty. This warronty is limited to the repair or replacement of the material involved and does not included reimbursement of consequential expenses such as installation or removal of equipment or transportation costs.

STANDARD FINISH

Satin iron achieved by rotary sanding, blasting and phosphate conversion coating.

II. THERMOSET POWDER PAINT FINISH

Pretreatment shall consist of degreasing phosphate acid-etching with 140° and de-ionizing

FINISH COAT

Thermoset TGIC super polyester powder coat finish electrostatically applied, oven cured and bonded at approximately 420° F to a minimum dry film thickness of 1.6 mils. All Niland powders must pass a minumum 3000—hour salt—spray test for corrosion resistance. The National Association of Architectural Metal Manufacturers, Metal Finishes Manual rotes the outdoor life of these powders at 15—plus years.

III. LIQUID FINISH

Optional liquid finish is first prime coated then finished with a two part liquid epoxy coat.

WARRANTY

Niland Company warrants to repair or replace, at our option, any equipment that fails due National Company warrants to repair or replace, at our option, any equipment that falls are to defects in material or workmanship within one year from date of shipment. This warranty does not include failures as a result of improper installation, mishandling or misapplication. This guarantee is limited to repair or replacement only and does not include reimbursement for expense of installation, removal of equipment, transportation or any other expenses that may be incurred. Authorization must be obtained from Niland Company in El Paso, Texas before any material is returned.



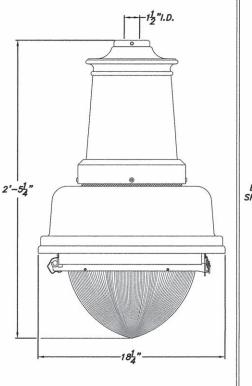
All LED products manufactured in the United States.

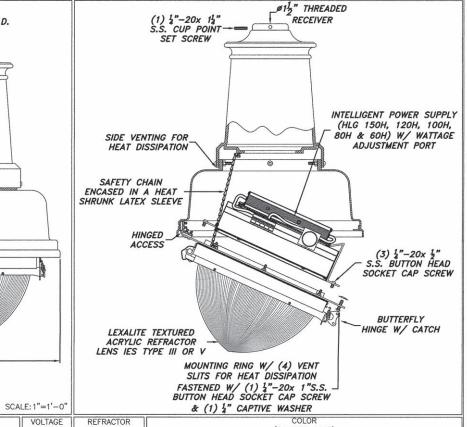
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FULL CUT OFF: DARK SKY COMPLIANT, PENDANT MOUNTED HORIZONTAL LED ASSEMBLY

BOSTON COMMON-18 LED SERIES BC-18-LEX-LED-D15

IP 66 RATED LED CHAMBER





STANDARD KELVIN	WATTAGE RANGE ACTUAL = EQUIVALENT	VOLTAGE RANGE-AC	REFRACTOR TYPE	COLOR (POWDER COAT)								
3000 🗆 4000 🗅	38w = 75w EQ. □ 50w = 100w EQ. □ 75w = 150w EQ. □	120-277	TYPE III []	(TB) TEXTURED BLACK (GB) GLOSS BLACK (TG) TEXTURED FOREST GREEN (GG) GLOSS GREEN (TR) TEXTURED BRONZE (GB) GLOSS BLACK GREEN								
5000	88w = 175w EQ. ☐ 125w = 250w EQ. ☐	347−480 □	TYPE V 🗆	(HG) HAND BRUSHED GREEN (GR) GLOSS BRONZE (HR) HAND BRUSHED GRAY CUSTOM								

LUMINAIRE SPECIFICATIONS

E.P.A.=2.4 SQ.FT.

TRUCINES

The pendant mount luminaire shall be core cost aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or molel shifting. Minimum wall thickness shall be 3/16°. Electrical components are one piece plug-in. LED assembly unit shall be mounted with four stainless steel screws. The received results are considered to the control of the control

LED POWER SUPPLY

Up to 100,000 hours Mean Time Before Failure (MTBF). Each factor adjustable setting draws between 300 to 600 milliamps of power. Only 1 power supply is used for up to 125 LED watts each enclosed fature. Multiple circuit detection and protections. Each unit is rated up to 16 amps of power. Input voltage range of 90–305/MC. Minimum operating temperature –22F (–30°C) Maximum operating temperature 140°F (60°C).

LED CIRCUIT BOARD

Niland Approval: Luis M.Gomez Customer Approval:

90 or 60 individual, CREE XPE LED's rated for up to 100,000 hours service life. 5000 Kelvin white LED's are standard with a CRI of 72, 3500 Kelvins "warm white" LED's are optional. Lead free and RoHS compliant.

Fixture shall be mounted to the arm by the self-leveling mechanism. Self-leveling mechanism be mounted to arm with stainless steel allen head set screws (8 @ 90°).

Catalog Name:N-24-TSS-40-CH-1-BC-18-LEX-LED Date: 03.31.16 Revision History:N/A Revision #: 0

CERTIFICATION

The fixture shall be UL Certified for wet location use.

FINISH-AAMA-2604-5

Fixture finish shall consist of degressing, phosphote acid etching with 140'+ deionized water, rinsed, over dry off and top coated with a thermoset TGIC super polyester powder coat finish designed not to chalk or fade for many years. All Niland Company powders must pass a minimum 3000-hour soilt spray test for corrosion resistance.

WARRANTY

Quick 60+ month warranty on LED module and electronic driver. Please contact manufacturer for more

PHOTOMETRICS

omplete photometric data for all fixtures is available in IES-formatted. A certified independent laborators all testing. Call the Niland Company directly for more information.





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FILE NAME = RØ13Ø19Ø-LIGHTING DETAILS.DWG	USER NAME = THEODORE G. SIANIS	DESIGNED - TSIANIS	REVISED -
		DRAWN - BBUTTERFIELD	REVISED -
	PLOT SCALE =	CHECKED - TSIANIS	REVISED -
	PLOT DATE = 6/17/2016 2:54 PM	DATE - 04/18/16	REVISED -

N-24-TSS-40-CH-1-BC-18-LEX-LED

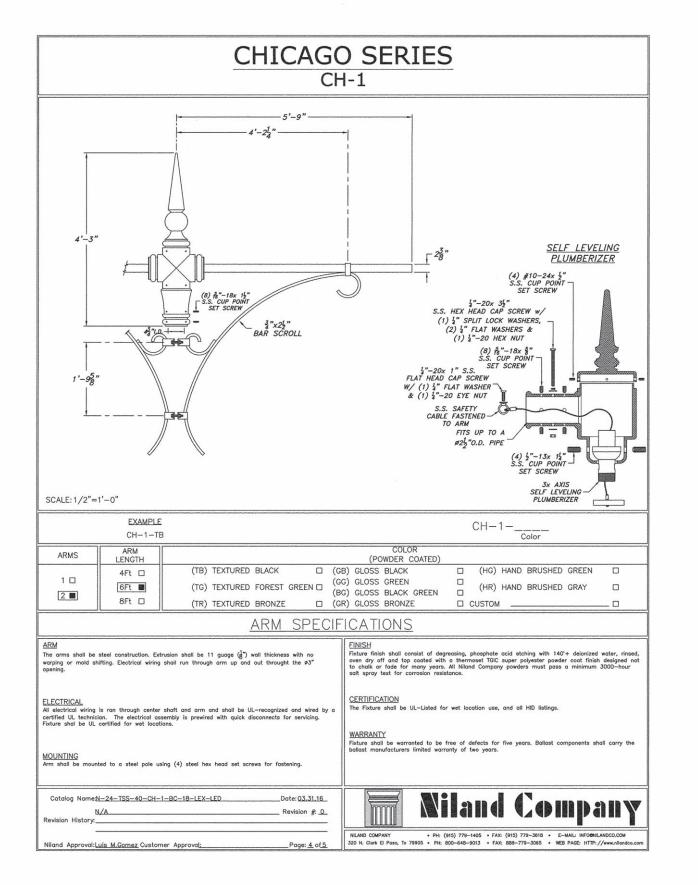
Revision History N/A

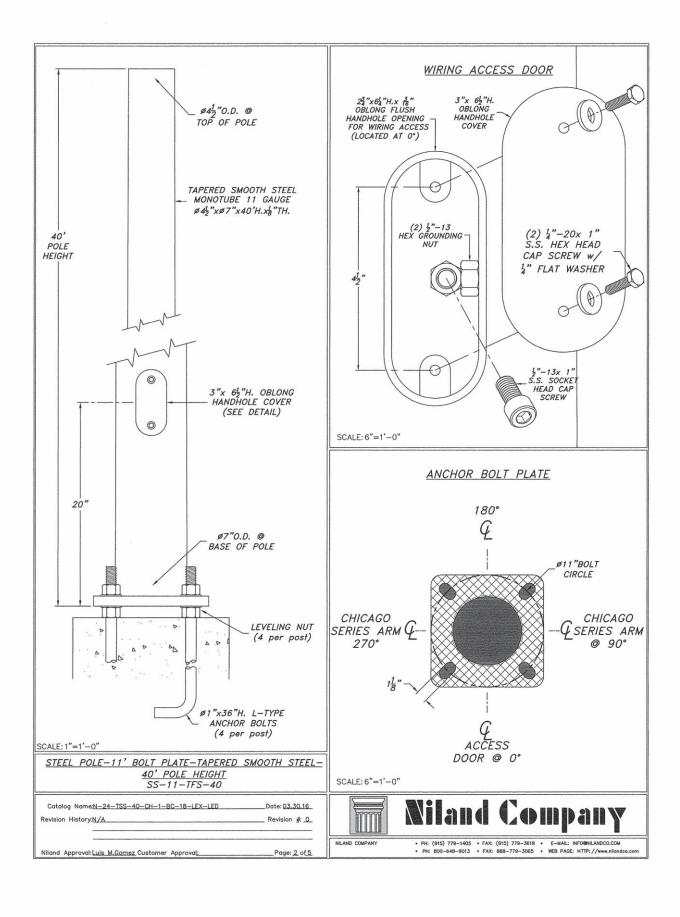
Niland Approval: Luis M. Gomez

Date:03.30.16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING BUTTING						RTE.		SECTION		COUNTY	SHEET	S NO.				
LIGHTING DETAILS					N/A	N/A 15-00056-00-LT		COOK	7	5						
														CONTRACT	NO.	61D10
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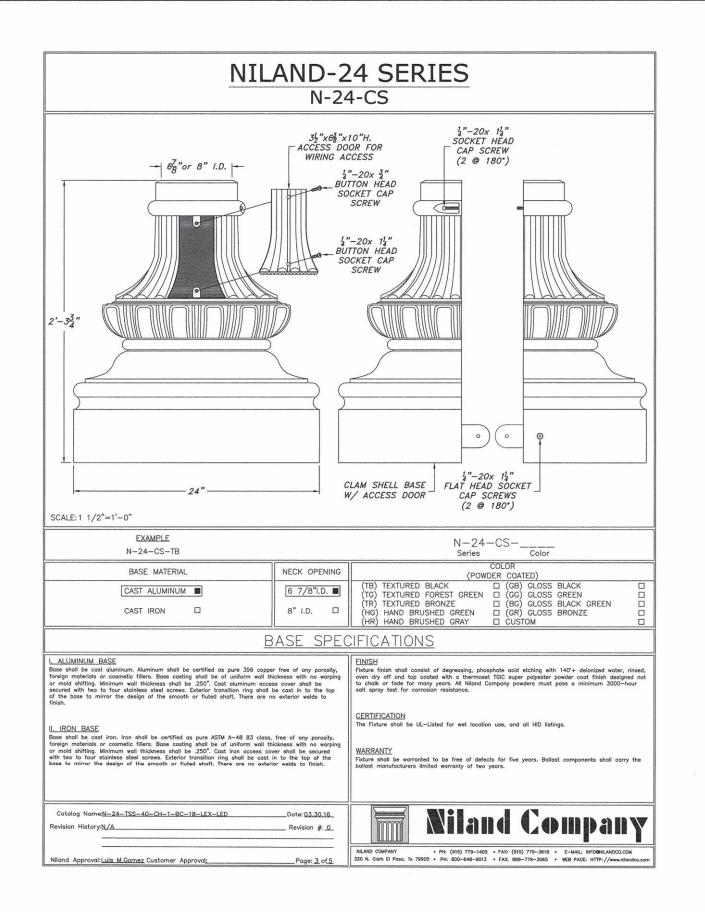


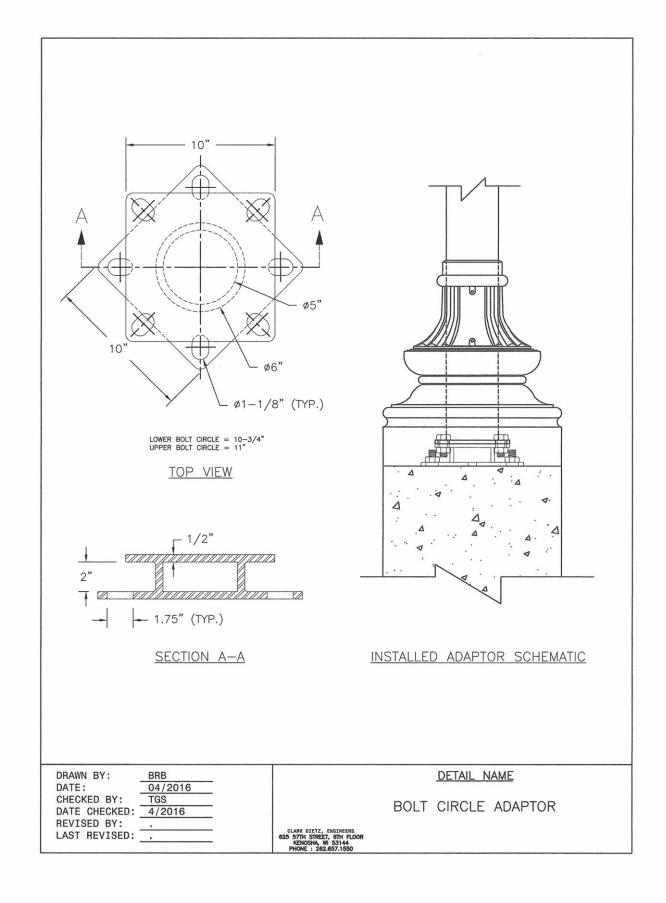


FILE NAME = RØ130190-LIGHTING DETAILS.DWG	USER NAME = THEODORE G. SIANIS	DESIGNED - TSIANIS	REVISED -
	-	DRAWN - BBUTTERFIELD	REVISED -
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	PLOT DATE = 6/17/2016 2:54 PM	DATE - 04/18/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	RTE. SECTION COUNTY TOTAL SHEET NO.
LIGHTING DETAILS	N/A 15-00056-00-LT COOK 7 6
	CONTRACT NO. 61D10
SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.	FED. ROAD DISTRICT 1 ILLINOIS FED. AID PROJECT





FILE NAME = RØ13Ø19Ø-LIGHTING DETAILS.DWG	USER NAME = THEODORE G. SIANIS	DESIGNED - TSIANIS	REVISED -
		DRAWN - BBUTTERFIELD	REVISED -
	PLOT SCALE =	CHECKED - TSIANIS	REVISED -
	PLOT DATE = 6/17/2016 2:54 PM	DATE - 04/18/16	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

			F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.	
١		LIGHTING DETAILS	N/A	15-00056-00-LT	COOK	7	7	
l					CONTRACT	NO. 6	1D10	
1	SCALE: NONE	SHEET NO. 7 OF 7 SHEETS STA.	TO STA.	FED. ROAD	D DISTRICT 1 ILLINOIS FED. AI	D PROJECT		