LIGHTING GENERAL NOTES

1. THE OWNER, CITY OF NORTHLAKE SHALL BE NOTIFIED IN WRITING AT LEAST TWO (2) FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE CITY BEFORE THE START OF WORK.
3. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123.
4. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL COM ED FOR LOCATION APPROVAL.
5. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST. THE COST ASSOCIATED FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS INCLUDING ALL ABOVE AND BELOW GRADE APPURTENANCES. THE CONTRACTOR SHALL REPAIR ALL DAMAGE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
8. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
   - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", AS PREPARED BY IDOT.
   - B. "THE NATIONAL ELECTRICAL CODE."
   - C. MUNICIPAL CODE & ORDINANCE.
   - D. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
9. THE CONTRACT DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO SHOW EVERY AND ALL DETAILS OF WORK TO BE PERFORMED OR EQUIPMENT TO BE SUPPLIED. THE INTENT OF THE CONTRACT DRAWINGS AND SPECIFICATIONS IS TO ILLUSTRATE THE CONCEPTUAL DESIGN AND LAYOUT. THE CONTRACTOR SHALL BE KNOWLEDGEABLE AND REGULARLY ENGAGED IN THE TYPE OF WORK DESCRIBED BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THEIR INTENT. ANY WORK TO BE PERFORMED OR ITEM OF EQUIPMENT TO BE SUPPLIED WHICH IS NOT SPECIFICALLY CALLED FOR BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS, BUT WHICH IS NECESSARY TO PROVIDE A COMPLETE AND SUCCESSFUL WORKING SYSTEM SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
10. CONTRACTOR SHALL SUBMIT SPECIFICATIONS, DRAWINGS AND CATALOG CUTS FOR ALL MATERIALS TO THE OWNERS REPRESENTATIVE FOR REVIEW BEFORE ORDERING ANY MATERIALS FOR PROJECT.
11. ALL TREE TRIMMING REQUIRED AS DIRECTED BY THE OWNER'S REPRESENTATIVE SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
12. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE MECHANICAL TYPE UL LISTED FOR DIRECT BURIAL USE, AS SPECIFIED, AND SHALL BE REVIEWED BY THE OWNER'S REPRESENTATIVE PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
13. THE INSTALLATION OF WARNING TAPE IN TRENCH SECTIONS, AS SHOWN ON THE PLANS, SHALL BE REVIEWED BY THE OWNER'S REPRESENTATIVE PRIOR TO BACKFILLING AS APPLICABLE.
14. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE CITY OF NORTHLAKE.
15. THE CONTRACTOR SHALL TAG ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY POLE BASE, HAND HOLE AND SPLICE/CONNECTION POINT.
16. LUMINAIRES SHALL HAVE A TIGHT FIT ON TENON TO THE CITY'S SATISFACTION. THIS WORK SHALL INCLUDE FIELD ADJUSTING OF THE LUMINAIRE WHICH WILL BE INCIDENTAL TO THE COST OF THE LUMINAIRE.
17. TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES.
18. POLE HANDHOLES SHALL FACE AWAY FROM TRAFFIC.
19. UPON COMPLETION OF THE IMPROVEMENTS TO THE EXISTING LIGHTING SYSTEMS THE CONTRACTOR SHALL REQUEST IN WRITING A REQUEST FOR PREFINAL INSPECTION A MINIMUM OF THREE DAYS NOTICE TO THE CITY OF NORTHLAKE AND THE OWNER'S REPRESENTATIVE.
20. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE LOCATION OF THE LIGHT POLES AND THE LOCATION OF ALL UNDERGROUND WIRING & CONTROLLER CABINETS.
21. THE CONTRACTOR SHALL PROVIDE A GUARANTEE FOR ALL MATERIAL AND WORKMANSHIP FOR ONE YEAR AFTER THE DATE OF ACCEPTANCE.
22. THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. THE ELECTRICAL TESTING SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

LIGHTING BILL OF MATERIALS

Code No.	Description	Unit	Quantity
*X0321478	MAINTENANCE OF LIGHTING SYSTEM	LSUM	1
*X0322951	CABLE SPLICE, SPECIAL	EACH	4
*	LUMINAIRE, SODIUM VAPOR, ORNAMENTAL, 35 WATT W/ ARM ASSEMBLY	EACH	4

*SEE LIGHTING PLAN, DETAILS AND SPECIAL PROVISIONS.

LEGEND

- EXISTING 400W HIGH PRESSURE SODIUM (HPS) COBRA HEAD TYPE LUMINAIRE WITH TYPE III OPTICS MOUNTED 45'-0" ABOVE GRADE ON A SPUN ALUMINUM LIGHT POLE WITH A 15'-0" TRUSS TYPE MAST ARM
- PROPOSED 35W HPS ACORN TYPE ORNAMENTAL LUMINAIRE WITH TYPE V OPTICS MOUNTED 14'-0" ABOVE GRADE ON AN EXISTING LIGHT POLE
- UD — EXISTING ELECTRICAL CABLES IN UNIT DUCT AS SHOWN ON PLANS
- PROPOSED ORNAMENTAL LUMINAIRE NUMBER
- PL-1, CKT B — LIGHTING CIRCUIT IDENTIFIER
- EXISTING LIGHT POLE NUMBER
- EX. L-7, CKT A — LIGHTING CIRCUIT IDENTIFIER
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- W — EXISTING WATERMAIN
- OH — EXISTING OVERHEAD WIRES
- G — EXISTING GAS LINE

FILE NAME = N:\NORTHLAKE\940332DC95\Mech\NDT_940332DC95_01.sht	USER NAME = EDTOJA	DESIGNED - KB	REVISED -
		DRAWN - KB	REVISED -
	PLOT SCALE = 30'	CHECKED - AJD	REVISED -
	PLOT DATE = 7/6/2009	DATE - 03/27/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING NOTES & BILL OF MATERIAL
WOLF ROAD

SCALE: N.T.S. | SHEET NO. 9 OF 28 SHEETS | STA. --- TO STA. ---

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2690	09-00069-00-SP	COOK	28	9

CONTRACT NO. 63222

ILLINOIS FED. AID PROJECT