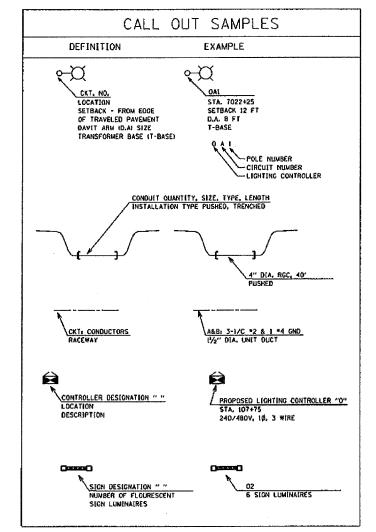
-26HB-18R	8.	114R-L	CONTRACT	60363

ELECTRICAL	SYMBOLS FOR EXISTING CONDITIONS
⊶ ©	EXISTING LICHTING UNIT TO REMAIN
o ⊣ ®(EXISTING LIGHTING UNIT TO BE REMOVED
♣♠ ®	EXISTING LIGHT TOWER TO BE REMOVED
EDesso	CNC DUCT ELECTRIC CONNECTION TO SIGN STRUCTURE, CANTALEVER TYPE
<u> </u>	CNC DUCT ELECTRIC CONNECTION TO SIGN STRUCTURE, TRUSS TYPE
£Ď ssas Č	CNC DUCT CONNECTION TO SIGN STRUCTURE, BRIDGE MOUNT TYPE
\boxtimes	EXISTING LIGHTING CONTROLLER
Δ	EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED



GENERAL ELECTRICAL PLAN NOTES

- THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER BEFORE ANY WORK, LIGHTING OR OTHER BEGINS. THE CONTRACTOR SHALL CONTACT THE ELECTRICAL MAINTENANCE OFFICE TO SCHEDULE THE TRANSFER.
- 2- THE CONTRACTOR SHALL CONTACT THE ELECTRIC UTILITY COMPANY TO COORDINATE THE ELECTRICAL SERVICE WORK.
- THE EQUIPMENT GROUNDING CONDUCTORS SHALL BE SPLICED AND BONDED TO EACH JUNCTION BOX AND PULL BOX THE CONDUCTORS PASS THROUGH. JUNCTION BOXES SHALL BE EQUIPPED WITH GROUND LUGS FOR GROUND WIRE TERMINATION WITHOUT DEGRADATION OF THE JUNCTION BOX RATING.

REMOVAL OF EXISTING LIGHTING

THE EXISTING LIGHTING SYSTEM AT 1-55 & IL 59 SHALL BE OPERATIONAL DURING CONSTRUCTION UNTIL THE NEW LIGHTING SYSTEM IS ENERGIZED.

THE EXISTING LIGHTING SYSTEM SHALL BE REMOVED AND SALVAGED.
THE CONTRACTOR SHALL CALL THE ELECTRICAL MAINTENANCE OFFICE FOR
STORAGE LOCATION FOR THE SALVAGED POLES, TOWERS AND SIGN LUMINAIRES

	ABBREVIATIONS LIST
A/C	AERIAL CABLE
CNC	COILLABLE MONMETTALIC CONDUIT
DIA.	DIAMETER
D.A.	DAVIT ARM
ε	EXISTING
FT	FOOT
GND	GROUND
HDPE	HOGH DENSITY POLYETHYLENE
JB ∤	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATTS
M.A.	MAST ARM
M.H.	MOUNTING HEIGHT
NO. •	NUMBER
P	PROPOSED
PVC SCH 40	POLYVINYLCHLORIDE SCHEDULE 40
PVCC RGS	PVC COATED RIGIO GALVANIZED STEEL CONDUIT
R	REMOVE
RR	REMOVE AND REINSTALL
RG5	RIGID GALVANIZED STEEL CONDUIT
Τ	TEMPORARY
T-BASE	TRANSFORMER BASE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION			
NAME	DATE	FAI 55 AT FAP 338 ILLINOIS ROUTE 59			
		LIGHTING SYMBOLS, GENERAL NOTES, AND BILL OF MATERIALS IDOT			
			· ·		
-		SCALE: VERT. NONE	DRAWN BY TG		
		DATE	CHECKED BY MJ		

OATE = 2/11/2008 NAVE = chiprojecus/s1263 SCALE = 188,434 '/ IN, RENCE = 478574

ELECTRICAL SYMBOLS FOR PROPOSED LIGHTING

LIGHTING UNITS

COMBINATION LIGHTING UNIT:

UNDERPASS LUMINAIRE TO WATT HPS, TYPE III. 240 VOLT

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47.5 FT, MOUNTING HEIGHT DAVIT ARM SIZE, AS INDICATED ON PLANS 400W HPS, M-C-III, 240 VOLT LUMINAIRE TRANSFORMER BASE, AS INDICATED ON PLANS

45 FT. M.H., 15 FT. M.A. 400W HPS M-C-111, 240 VOLT LUMINAIRE

JUNCTION BOX, TYPE AND SIZE INDICATED

CNC DUCT CONNECTION TO SIGN STRUCTURE CANTALEVELLER SIGN STRUCTURE

CNC DUCT CONNECTION TO SIGN STRUCTURE TRUSS TYPE SIGN STRUCTURE

CNC DUCT CONNECTION TO SIGN STRUCTURE BRIDGE MOUNTED SIGN

CONDUIT EMBEDDED IN STRUCTURE 21/2" DIA. PVC, SCH 40 RIGIO GALVANIZEO STEEL CONDUIT PUSHED, OR TRENCHED

UTILITY SERVICE CONNECTION, POLE MOUNTED TRANSFORMER 240/480 VOLT, SINGLE PHASE, 3 WIRE

UNIT DUCT 3-1/C *2 WITH 1/C *4 GND IN 11/2" DIA. POLYETHYLENE, SCH 40

LIGHTING CONTROLLER, RADIO CONTROL, DUPLEX CONSOLE TYPE, WITH SCADA

GROUND ROD, %" DIA., X 10 FT.

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