

ELECTRICAL SYMBOLS FOR CDOT (BOE) WORK

- EXISTING CDOT COMBINATION TRAFFIC SIGNAL/LIGHTING UNIT; POLE, MAST ARMS AND LUMINAIRES AS INDICATED ON PLANS.
- EXISTING CDOT LIGHTING UNIT; POLE, MAST ARM AND LUMINAIRE AS INDICATED ON PLANS
- EXISTING LUMINAIRE, 310W HPS LAMP, 240V, SEMI-CUTOFF
- EXISTING CDOT LIGHTING UNIT TO BE REMOVED AND/OR RELOCATED (POLE, MAST ARM AND LUMINAIRE) AS INDICATED ON PLANS
- EXISTING POLE, CITY STEEL, EMBEDDED, 4"x9"x20' 7 GA, TAPERED TUBULAR
- EXISTING POLE, CITY STEEL, ANCHOR BASE, 20'-0", 7 GA, STEEL AND FND WITH 10" BC AND 1/4" ANCHOR RODS
- EXISTING STREET LIGHTING CONTROLLER, PEDESTAL OR BASE MOUNTED
- EXISTING IDOT HANDHOLE

GENERAL ELECTRICAL CABLE AND CONDUIT SYMBOLS

- EXISTING RACEWAY OR CONDUIT RUN AS INDICATED ON PLANS
- RACEWAY OR CONDUIT IN TRENCH, LENGTH AND TYPE AS INDICATED ON PLANS
- EXPOSED RACEWAY OR CONDUIT, LENGTH AND TYPE AS INDICATED ON PLANS
- RACEWAY OR CONDUIT EMBEDDED IN STRUCTURE, LENGTH AND TYPE AS INDICATED ON PLANS
- AERIAL CABLE, LENGTH AND TYPE AS INDICATED ON PLANS
- CABLE, STREET LIGHTING, 2-1/2" #6, 1-1/2" #8 GND EPRN, 600 V, TRIPLEXED, IN RACEWAY OR CONDUIT AS INDICATED ON PLANS
- EXISTING CABLE, STREET LIGHTING, IN EXISTING RACEWAY OR CONDUIT RUN
- CABLE, STREET LIGHTING, 3-1/2" #2/0 EPR, 600V, IN RACEWAY OR CONDUIT AS INDICATED ON THE PLANS

ABBREVIATIONS (CDOT)

A	AMPERES	LF	LINEAR FEET
AC	ALTERNATING CURRENT	LT	LEFT
A/C	AERIAL CABLE	LTG	LIGHTING
ALUM	ALUMINUM	MA	MAST ARM
ATS	ATTACHED TO STRUCTURE	MAX	MAXIMUM
AWG	AMERICAN WIRE GAUGE	MIN	MINIMUM
@	BASELINE	MTD	MOUNTED
BC	BOLT CIRCLE	NB	NORTHBOUND
BHB	BALLAST HOUSING BASE	NEC	NATIONAL ELECTRIC CODE
BOE	CITY OF CHICAGO BUREAU OF ELECTRICITY	NEMA	NATIONAL ELEC MANUFACTURERS ASSOCIATION
C	CONDUIT	NM	NON-METALLIC
CDOT	CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION	NO	NUMBER
CEC	CHICAGO ELECTRIC CODE	NTS	NOT TO SCALE
CONC	CONCRETE	PH	PHASE
CKT(S)	CIRCUIT(S)	PNL	PANEL
Ⓞ	CENTERLINE	PTZ	PAN-TILT-ZOOM
D	DUCTBANK	PVC	POLYVINYL CHLORIDE
DC	DIRECT CURRENT	PVCC	PVC COATED
DIA	DIAMETER	PVGRS	PVC COATED GALVANIZED RIGID STEEL CONDUIT
DWG(S)	DRAWING(S)	R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED UNO)
E	EXISTING UNIT TO REMAIN	ROW	RIGHT OF WAY
EB	EASTBOUND	RT	RIGHT
ECA	ELECTRIC CABLE ASSEMBLY	SB	SOUTHBOUND
EL	ELEVATION	SS	STAINLESS STEEL
EM	EXISTING UNIT TO BE MODIFIED	STA	STATION
ER	EXISTING RELOCATED UNIT	STRUCT	STRUCTURE
F	FOOT, FEET	T	TEMPORARY EQUIPMENT OR INSTALLATION
FND	FOUNDATION	TYP	TYPICAL
GA	GAUGE	UNO	UNLESS NOTED OTHERWISE
GND	GROUND	V	VOLT
GRS	GALVANIZED RIGID STEEL CONDUIT	W	WATT
HPS	HIGH PRESSURE SODIUM	WB	WESTBOUND
JB	JUNCTION BOX	WM	WALL MOUNTED
KVA	KILOVOLT-AMPERE	WP	WOOD POLE
KW	KILOWATT	XFMR	TRANSFORMER
LC	LIGHTING CONTROLLER		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	45	25
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		62983
*(1818, 1919, 1919.15) I-11				

AECOM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST ST TO 63RD ST (NORTHBOUND KNEE WALLS)

CDOT ELECTRICAL SYMBOLS AND ABBREVIATIONS

SCALE: NOT TO SCALE DRAWN BY: HAR
 DATE: JANUARY 14, 2009 CHECKED BY: JPC