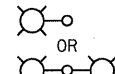
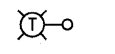
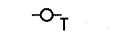



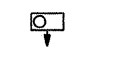


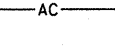

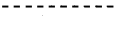


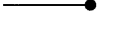


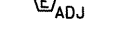
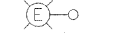
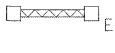


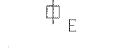

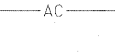





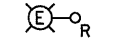
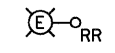
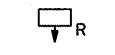
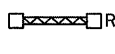
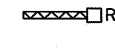


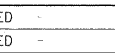
**ELECTRICAL SYMBOLS FOR PROPOSED WORK**

-  CONVENTIONAL LIGHTING UNIT:  
45'-0" MOUNTING HEIGHT  
15'-0" MAST ARM(S)  
250 WATT HPS M-C-III LUMINAIRE(S)  
BREAKAWAY TRANSFORMER BASE
-  TEMPORARY LIGHTING UNIT:  
400 WATT HPS LUMINAIRE (TYPE M-C-III);  
15 FOOT MAST ARM; 60 FOOT, CLASS 4, WOOD POLE
-  TEMPORARY WOOD POLE: 50 FOOT LENGTH  
(10 FOOT BURIED, 40 FOOT INSTALLED HEIGHT)
-  LIGHTING CONTROLLER CABINET:  
TYPE CB-RCS 100 AMP - 480 VOLT  
(DOOR SIDE AS INDICATED)
-  ELECTRIC SERVICE INSTALLATION:  
TYPE AS INDICATED ON PLANS
-  HANDHOLE:  
TYPE AND SIZE AS INDICATED ON PLANS
-  UNDERPASS LIGHTING UNIT:  
150 WATT HPS LUMINAIRE  
(PRIMARY DISTRIBUTION DIRECTION  
AS INDICATED BY ARROW)
-  JUNCTION BOX:  
TYPE AND SIZE AS INDICATED ON PLANS
-  LIQUID-TIGHT FLEXIBLE CONDUIT
-  TEMPORARY AERIAL CABLE
-  RACEWAY OR DIRECT BURIAL CABLE  
UNDERGROUND WITHOUT ENCASEMENT
-  RACEWAY ATTACHED TO STRUCTURE
-  SCHEDULE 80 PVC CONDUIT SLEEVE  
TRENCHED OR PUSHED
-  CONDUIT TURNED DOWN
-  CONDUIT TURNED UP
-  RECORDER WELL
-  DEEP WELL
-  EXISTING DEEP WELL TO BE ADJUSTED

**ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS**

-  EXISTING LIGHTING UNIT TO REMAIN
-  EXISTING LIGHTED SIGN STRUCTURE - TRUSS TYPE
-  EXISTING LIGHTED SIGN STRUCTURE - CANTILEVER TYPE
-  EXISTING LIGHTING CONTROLLER TO REMAIN
-  EXISTING ELECTRIC SERVICE TO REMAIN
-  EXISTING JUNCTION BOX TO REMAIN
-  EXISTING AERIAL CABLE
-  EXISTING RACEWAY OR DIRECT BURIED CABLE
-  EXISTING CONDUIT SLEEVE
-  EXISTING DEEP WELL TO REMAIN

**ELECTRICAL SYMBOLS FOR REMOVAL WORK**

-  EXISTING LIGHTING UNIT AND CONCRETE  
FOUNDATION TO BE REMOVED
-  EXISTING LIGHTING UNIT TO BE REMOVED AND RELOCATED  
(CONCRETE FOUNDATION TO BE REMOVED)
-  EXISTING UNDERPASS LIGHTING UNIT TO BE REMOVED
-  EXISTING LIGHTED SIGN STRUCTURE (TRUSS TYPE):  
TO BE REMOVED
-  EXISTING LIGHTED SIGN STRUCTURE (CANTILEVER TYPE):  
TO BE REMOVED
-  EXISTING RACEWAY OR DIRECT BURIED CABLE  
TO BE ABANDONED
-  EXISTING RECORDER WELL TO BE FILLED
-  EXISTING DEEP WELL TO BE FILLED

**ABBREVIATIONS**

A	AMPERES	NTS	NOT TO SCALE
AC	AERIAL CABLE	PH	PHASE
ATS	ATTACHED TO STRUCTURE	PIN	PROJECT IDENTIFICATION NUMBER
BL	BASE LINE	PNL	PANEL
C	CONDUCTOR	PROP	PROPOSED
CKT	CIRCUIT	PVC	POLYVINYL CHLORIDE
CNC	COILABLE NON-METALLIC CONDUIT	PVCC	POLYVINYL CHLORIDE COATED
CONC	CONCRETE	R	EXISTING UNIT TO BE REMOVED
CL	CENTERLINE	RGC	RIGID GALVANIZED STEEL CONDUIT
DIA	DIAMETER	ROW	RIGHT OF WAY
DWG	DRAWING	RL	EXISTING RELOCATED UNIT
E	EXISTING UNIT TO REMAIN	RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
EA	EACH	RT	RIGHT
EB	EASTBOUND	SB	SOUTHBOUND
EOR	EDGE OF ROADWAY	SCH 40	SCHEDULE 40
FT	FOOT, FEET	SCH 80	SCHEDULE 80
FDN	FOUNDATION	SHT	SHEET
GND, GRD	GROUND	SS	STAINLESS STEEL
HPS	HIGH PRESSURE SODIUM	STA	STATION
I	INTERSTATE	STD	STANDARD
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCT	STRUCTURE
IN	INCHES	T	TEMPORARY
J, JB	JUNCTION BOX	TEL	TELEPHONE
KVA	KILOVOLT-AMPERE	TS	TRAFFIC SIGNAL
KW	KILOWATT	TYP	TYPICAL
LF	LINEAR FEET	UD	UNIT DUCT
LT	LEFT	UNO	UNLESS NOTED OTHERWISE
MA	MAST ARM(S)	V	VOLT
N/A	NOT APPLICABLE	W	WATT, WIRE
NB	NORTHBOUND	WB	WESTBOUND
NIC	NOT IN CONTRACT	WM	WALL MOUNTED
NO	NUMBER	WP	WOOD POLE
		XFMR	TRANSFORMER

FILE NAME = #FILE#	USER NAME = lantz	DESIGNED JSF	REVISION -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ELECTRICAL SYMBOLS AND ABBREVIATIONS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 1' / IN.	DRAWN JSF	REVISION -		64	82-1-2HB	ST. CLAIR	345	192				
	PLOT DATE = 3/12/2010	CHECKED JPC	REVISION -		SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. N/A TO STA. N/A		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C49