





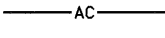






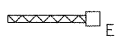





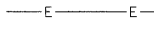










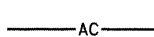


**ELECTRICAL SYMBOLS FOR PROPOSED WORK**

-  CONVENTIONAL LIGHTING UNIT:  
45'-0" MOUNTING HEIGHT  
15'-0" MAST ARM(S)  
250 WATT HPS M-C-III LUMINAIRE(S)  
GROUND MOUNTED ON A  
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)
-  RECORDER WELL
-  DEEP WELL
-  EXISTING DEEP WELL TO BE ADJUSTED
-  TEMPORARY AERIAL CABLE
-  RACEWAY OR DIRECT BURIAL CABLE  
UNDERGROUND WITHOUT ENCASEMENT
-  SCHEDULE 80 PVC CONDUIT SLEEVE  
TRENCHED OR PUSHED
-  RACEWAY ATTACHED TO STRUCTURE
-  RACEWAY EMBEDDED IN CONCRETE STRUCTURE

**ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS**

-  EXISTING HIGH MAST LIGHTING UNIT TO REMAIN
-  EXISTING CONVENTIONAL LIGHTING UNIT TO REMAIN
-  EXISTING LIGHTED SIGN STRUCTURE TO REMAIN-  
CANTILEVER TYPE
-  EXISTING LIGHTED SIGN STRUCTURE TO REMAIN-  
TRUSS TYPE
-  EXISTING LIGHTING CONTROLLER TO REMAIN
-  EXISTING ELECTRIC SERVICE TO REMAIN
-  EXISTING JUNCTION BOX TO REMAIN
-  EXISTING HANDHOLE TO REMAIN
-  EXISTING RACEWAY OR DIRECT BURIED CABLE
-  EXISTING CONDUIT SLEEVE
-  EXISTING DEEP WELL TO REMAIN
-  EXISTING TEMPORARY WOOD POLE TO REMAIN

**ELECTRICAL SYMBOLS FOR REMOVAL WORK**

-  EXISTING CONVENTIONAL LIGHTING UNIT  
AND CONCRETE FOUNDATION TO BE REMOVED
-  EXISTING LIGHTED SIGN STRUCTURE TO BE REMOVED:  
CANTILEVER TYPE
-  EXISTING LIGHTED SIGN STRUCTURE TO BE REMOVED:  
TRUSS TYPE
-  EXISTING RECORDER WELL TO BE FILLED
-  EXISTING DEEP WELL TO BE FILLED
-  EXISTING AERIAL CABLE TO BE REMOVED
-  EXISTING RACEWAY OR DIRECT BURIED CABLE  
TO BE ABANDONED
-  EXISTING CONDUIT SLEEVE TO BE ABANDONED

**ABBREVIATIONS**

A	AMPERES	NTS	NOT TO SCALE
AC	ALTERNATING CURRENT	PH	PHASE
A/C	AERIAL CABLE	PIN	PROJECT IDENTIFICATION NUMBER
ATS	ATTACHED TO STRUCTURE	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
ECA	ELECTRICAL CABLE ASSEMBLY	SCH 40	SCHEDULE 40
EOR	EDGE OF ROADWAY	SCH 80	SCHEDULE 80
FT	FOOT, FEET	SHT	SHEET
FDN	FOUNDATION	SS	STAINLESS STEEL
GND, GRD	GROUND	STA	STATION
HPS	HIGH PRESSURE SODIUM	STD	STANDARD
I	INTERSTATE	STRUCT	STRUCTURE
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION	T	TEMPORARY
IN	INCHES	TEL	TELEPHONE
J, JB	JUNCTION BOX	TS	TRAFFIC SIGNAL
KVA	KILOVOLT-AMPERE	TYP	TYPICAL
KW	KILOWATT	UD	UNIT DUCT
LF	LINEAR FEET	UNO	UNLESS NOTED OTHERWISE
LT	LEFT	V	VOLT
MA	MAST ARM(S)	W	WATT, WIRE
NB	NORTHBOUND	WB	WESTBOUND
NIC	NOT IN CONTRACT	WM	WALL MOUNTED
NO	NUMBER	WP	WOOD POLE
		XFMR	TRANSFORMER

USER NAME = lantz	DESIGNED - WDS	REVISED -
	DRAWN - TCL	REVISED -
PLOT SCALE = 2.0000' / 1in.	CHECKED - JPC	REVISED -
PLOT DATE = \$DATE\$	DATE - 3-18-11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL SYMBOLS AND ABBREVIATIONS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-1	ST. CLAIR	319	104
CONTRACT NO. 76C75				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				