










































ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS

ELECTRICAL SYMBOLS FOR PROPOSED WORK

	LIGHTING UNIT: 47.5 FT. M.H., 15 FT. M.A. 400W HPS M-C-III LUMINAIRE BREAKAWAY TRANSFORMER BASE
	EXISTING LIGHTING UNIT TO REMAIN
	LOCATION OF REINSTALLED LIGHTING UNIT
	COMBINATION LIGHTING UNIT: 45 FT. M.H., 12 FT. M.A. 400W HPS M-C-III LUMINAIRE
	TWIN LIGHTING UNIT: 47.5 FT. M.H., 2-6 FT. M.A. 400W HPS M-C-III LUMINAIRE BREAKAWAY TRANSFORMER BASE
	UNDERPASS LUMINAIRE: 55 WATT LPS
	JUNCTION BOX, TYPE AND SIZE INDICATED
	LIGHT TOWER: 120 FT. M.H. 750W HPS LUMINAIRES
	ELECTRIC CONNECTION TO SIGN STRUCTURE CANTALEVELLER SIGN STRUCTURE
	ELECTRIC CONNECTION TO SIGN STRUCTURE TRUSS TYPE SIGN STRUCTURE
	ELECTRIC CONNECTION TO SIGN STRUCTURE BRIDGE MOUNTED SIGN
	AERIAL ELECTRIC CABLE, 3-1/8" #2 ALUMINUM WITH MESSENGER WIRE
	UNIT DUCT 3-1/8" #4 WITH 1/8" #6 GND IN 1/4" DIA. POLYETHYLENE
	CONDUIT ATTACHED TO STRUCTURE 1" DIAMETER, GALVANIZED STEEL, PVC COATED, CONDUCTORS AS INDICATED
	DUCT BANK
	LIGHTING CONTROLLER, DUPLEX
	UTILITY SERVICE CONNECTION, POLE MOUNTED
	UTILITY SERVICE CONNECTION, PAD MOUNTED
	GROUND ROD
	TEMPORARY LIGHTING UNIT

GENERAL DESIGNATIONS

E	EXISTING EQUIPMENT TO REMAIN
R	EXISTING EQUIPMENT TO BE REMOVED
	EXISTING LIGHTING UNIT TO REMAIN
	EXISTING COMBINATION LIGHTING UNIT TO REMAIN
	EXISTING LIGHTING UNIT, TWIN LUMINAIRE, TO REMAIN
	TEMPORARY LIGHTING UNIT
	EXISTING LIGHTING UNIT TO BE REMOVED AND RELOCATED
	EXISTING LIGHTING UNIT TO BE REMOVED
	EXISTING UNDERPASS LUMINAIRE
	TEMPORARY LIGHTING UNIT TO BE REMOVED
	EXISTING TEMPORARY LIGHTING UNIT TO BE REMOVED AND REINSTALLED.
	LOCATION OF REINSTALLED TEMPORARY LIGHTING UNIT
	EXISTING TEMPORARY LIGHTING UNIT
	EXISTING ELECTRIC CONNECTION TO SIGN STRUCTURE, CANTALEVER TYPE
	EXISTING ELECTRIC CONNECTION TO SIGN, STRUCTURE, TRUSS TYPE
	EXISTING ELECTRIC CONNECTION TO SIGN STRUCTURE, BRIDGE MOUNT TYPE
	EXISTING UNIT DUCT TO BE ABANDONED
	EXISTING EXPOSED CONDUIT
	EXISTING UNIT DUCT
	EXISTING JUNCTION BOX
	EXISTING LIGHTING CONTROLLER, DUPLEX
	EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED
	EXISTING UTILITY SERVICE CONNECTION, PAD MOUNTED

GENERAL ELECTRICAL PLAN NOTES

1. THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER BEFORE ANY WORK, LIGHTING OR OTHER, BEGINS. THE CONTRACTOR SHALL CONTACT THE ELECTRICAL MAINTENANCE OFFICE.
2. TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE LIGHT POLES, THE LIGHT POLES SHALL NOT BE ERECTED AND/OR LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE LIGHT POLES WILL NOT PAID FOR UNTIL THE POLES ARE FULLY APPROVED AND THE LUMINAIRES ARE INSTALLED.
3. THE QUANTITIES OF RACEWAYS WHERE INDICATED IN THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
4. THE EQUIPMENT GROUNDED 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.
5. REFER TO THE TRAFFIC SIGNAL PLANS FOR THE EXACT LOCATIONS OF TRAFFIC SIGNAL POLES AT THE INTERSECTION.
6. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 760 MM (30").

LIGHTING PLAN NOTES

1. TEMPORARY LIGHT POLES SHALL BE SET BACK 20 FEET FROM EXISTING BACK OF CURB OR EDGE OF PAVEMENT UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
2. RELOCATED LIGHT POLES SHALL BE SET BACK 8 FEET FROM PROPOSED BACK OF CURB.
3. TEMPORARY LIGHTING SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OR RELOCATION OF ANY EXISTING LIGHTING.

FILE NAME =	USER NAME = kellers	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING SYMBOLS AND NOTES (ENGLISH)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\kellers\08156271\F1423	9-shft-light.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		82	01	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -											
	PLOT DATE = 2/3/2011	DATE -	REVISED -											
ILLINOIS FED. AID PROJECT														