CONTRACT NO. 66645

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80	50-8HBR	LASALLE	142	47
STA.	TO STA.			
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		

LEGEND

- (E) EXISTING LIGHTING UNIT TO REMAIN
- (A1) PROPOSED LIGHTING UNIT BRIDGE MOUNTED 20' MH 6' DAVIT ARM 100W MC-III HPS
- (A2) PROPOSED LIGHTING UNIT BRIDGE MOUNTED 16' MH 6' DAVIT ARM 100W MC-III HPS
- (B1) PROPOSED LIGHTING UNIT 20' MH 10' DAVIT ARM 150W MC-III HPS
- (B2) PROPOSED LIGHTING UNIT 18' MH 10' DAVIT DAVIT ARM 100W MC-III HPS
- (B3) PROPOSED LIGHTING UNIT 17' MH 10' DAVIT DAVIT ARM 100W MC-III HPS
- (B4) PROPOSED LIGHTING UNIT 16' MH 10' DAVIT DAVIT ARM 150W MC-III HPS
- (B5) PROPOSED LIGHTING UNIT 17' MH 10' DAVIT DAVIT ARM 150W MC-III HPS
- (B6) PROPOSED LIGHTING UNIT 18' MH 10' DAVIT DAVIT ARM 150W MC-III HPS
- (C) PROPOSED LIGHTING UNIT 35' MH 10' DAVIT ARM 250W MC-III HPS
- (D) PROPOSED LIGHTING UNIT 40' MH 10' DAVIT ARM 250W MC-III HPS
- (T1) TEMPORARY LIGHTING UNIT 20' MH 15' MAST ARM 100W MC-III HPS
- (T2) TEMPORARY LIGHTING UNIT 20' MH 15' MAST ARM 150W MC-III HPS
- (T3) TEMPORARY LIGHTING UNIT 40' MH 15' MAST ARM 250W MC-III HPS
- (RR) REMOVE AND RELOCATE EXISTING LIGHTING UNIT ON A NEW FOUNDATION AS SHOWN
- (R) REMOVE EXISTING LIGHTING UNIT, SALVAGE
- (R) NEW LOCATION OF RELOCATED LIGHTING UNIT
- RIGID GALVANIZED STEEL CONDUIT (RGC) PUSHED (P), OR TRENCHED (T) SIZE AS INDICATED
- UNIT DUCT, AS SPECIFIED IN PLANS
- 1 — 2 NO. 6 XLP-USE & 1 NO. 6 XLP-USE GROUND, 1" DIA. UNIT DUCT
- 2 — 2 NO. 6 XLP-USE & 1 NO. 6 XLP-USE GROUND, ELECTRIC CABLE IN CONDUIT
- 3 — AERIAL CABLE, 2-1/C NO. 1/0, WITH MESSENGER WIRE
- 4 — 2 NO. 2 XLP-USE & 1 NO. 2 XLP-USE GROUNG, ELECTRIC CABLE IN CONDUIT ATTACHED TO STRUCTURE
- 5 — 2 NO. 2 XLP-USE & 1 NO. 4 XLP-USE GROUND, 1¼" DIA. UNIT DUCT
- 6 — 4 NO. 2 XLP-USE & 1 NO. 4 XLP-USE GROUND, 1½" DIA. UNIT DUCT
- 7 — 4 NO. 2 XLP-USE & 1 NO. 4 XLP-USE GROUND, ELECTRIC CABLE IN CONDUIT
- 8 — AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE

- A/C AERIAL ELECTRIC CABLE
- E EXISTING UNIT DUCT
- PROPOSED LIGHTING CONTROL CONSOLE 100A, 120/240V, 1Ø
- EXISTING LIGHTING CONTROLLER
- PROPOSED ELECTRIC JUNCTION BOX ATTACHED TO STRUCTURE, SIZE AS INDICATED ON THE PLANS
- WOOD POLE, TEMPORARY, WITHOUT MAST ARMS LENGTH AS INDICATED ON THE PLANS

ABBREVIATIONS

SYMBOL	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CT	CURRENT TRANSFORMER
CP	CONTROL PANEL
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM)
ER	EXISTING RELOCATED UNIT
ET	EXISTING TEMPORARY UNIT TO REMAIN
ETR	EXISTING TEMPORARY RELOCATED UNIT
FT	FEET OR FOOT
FND BW	FOUNDATION BARRIER WALL
FND BW OS	FOUNDATION BARRIER WALL OFFSET
FND CON	FOUNDATION CONCRETE
FND CON OS	FOUNDATION CONCRETE OFFSET
FND MET	FOUNDATION METAL
FND PW	FOUNDATION PARAPET WALL
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MM	MILLIMETER
MH	MOUNTING HEIGHT
NO. "	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TB	TRANSFORMER BASE
TMP	TEMPORARY
TR	TEMPORARY UNIT TO BE REMOVED. SALVAGE EQUIPMENT AS SPECIFIED
TRR	TEMPORARY UNIT TO BE REMOVED AND RELOCATED
TUR	TEMPORARY UNIT ON UTILITY POLE TO BE REMOVED
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE
XFMR	TRANSFORMER

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT DRAWINGS, WHICH WOULD AFFECT THE WORK UNDER THIS CONTRACT.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
3. ALL NEW CONDUIT, UNIT DUCTS, DIRECT BURIAL CABLE, AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
4. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ASSOCIATED SUPPLEMENTAL CONDITIONS.
5. THE SCALE SHOWN ON PLAN DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRE LAMPS IN ACCORDANCE WITH THE SUPPLIER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
7. ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
8. FOR THE EXISTING LIGHT POLE AND FOUNDATIONS THAT ARE TO BE REMOVED, THE ASSOCIATED UNDERGROUND CONDUITS AND CABLES SHALL BE SEPARATED FROM RESPECTIVE FOUNDATIONS AT 760 MM (2.5 FEET) BELOW GRADE AND SHALL BE ABANDONED EXCEPT WHERE INDICATED ON THE LIGHT POLE RELOCATION PLAN FOR PLANK ROAD. THERE THE FOUNDATIONS SHALL BE COMPLETELY REMOVED AS INDICATED.
9. ALL LIGHTING EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED TO THE STATE MAINTENANCE FACILITY.
10. CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 760 MM (30 INCHES) DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDER DRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE/VILLAGE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
11. WHERE MULTIPLE CONDUITS ADJACENT TO EACH OTHER ARE INSTALLED IN A COMMON TRENCH, TRENCH AND BACKFILL WILL NOT BE PAID FOR EACH CONDUIT, BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH ONLY.
12. WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.
13. WHEREVER THE TEMPORARY AERIAL CABLE IS REQUIRED TO CROSS AN EXISTING AND/OR PROPOSED ROADWAY, THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 6 METER (20 FEET) OF VERTICAL CLEARANCE OVER THE ROADWAY AT ALL TIMES.
14. THE POLES SHALL BE KEPT OUT OF DITCH AREA.
15. WHERE MAXIMUM 20 FEET MOUNTING HEIGHT IS REQUIRED, THE 30 FEET WOOD POLES ARE PROVIDED IN THE QUANTITIES TO ACCOUNT FOR LOWER GROUND ELEVATIONS COMPARED TO ROADWAY. IF NEEDED THE WOOD POLES SHALL BE CUT TO MAINTAIN VERTICAL CLEARANCE REQUIREMENTS OF 20 FEET AS REQUIRED BY FAA BECAUSE OF THE PROXIMITY TO THE AIRPORT. THE 50 FEET WOOD POLES ARE REQUIRED WHERE 40 FEET MOUNTING HEIGHT IS NEEDED. IF AFFECTED BY THE VERTICAL CLEARANCE REQUIREMENTS OF FAA, THE 50 FEET POLES SHALL BE CUT TO MAINTAIN 40 FEET MOUNTING HEIGHT AS NEEDED.
16. THE FOUNDATION OF THE PERMANENT LIGHT POLES SHALL BE SET 10 FEET BEHIND BARRIER CURB (FACE OF CURB TO FACE OF POLE). WHERE CURB DOES NOT EXIST, THE SET BACK SHALL BE 20 FEET FROM THE EDGE OF PAVEMENT TO THE FACE OF THE LIGHT POLE.
17. THE LOCATION NUMBER OF THIS PROJECT IS 46.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLANK ROAD OVER I-80

LIGHTING LEGEND AND GENERAL NOTES

SCALE: NONE
DATE: 12/2/2009
DRAWN BY RDP
CHECKED BY PKG

PLOT DATE = 2/3/2010
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = $USER$