






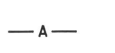



GENERAL NOTES

1. THE CONTRACTOR MUST VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS WHICH WOULD EFFECT HIS WORK UNDER THIS CONTRACT FOR THE OPERATION OF THE EXISTING ROADWAY LIGHTING.
2. NO MATERIAL OR EQUIPMENT SHALL BE DELIVERED TO THE JOB SITE WITHOUT PRIOR INSPECTION AND APPROVAL BY THE ENGINEER. ANY MATERIAL AND EQUIPMENTS NOT APPROVED BY THE ENGINEER MUST BE REMOVED FROM JOB SITE AT THE CONTRACTOR'S EXPENSE.
3. THE ELECTRICAL MATERIALS MUST BE NEW AND OF THE TYPE AND KINDS APPROVED BY THE FOLLOWING ORGANIZATIONS.
 -NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION. (NEMA)
 -INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS. (IEEE)
 -ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA. (IES)
 -AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS. (AASHTO)
 -U.S. DEPARTMENT OF TRANSPORTATION. (U.S.D.O.T.)
 -UNDERWRITERS LABORATORIES. (UL)
 -AMERICAN STANDARD INSTITUTE. (ASI)
 -INSULATED POWER AND CABLE ENGINEERS ASSOCIATION. (IPCEA)
4. ALL ELECTRICAL SYSTEMS, EQUIPMENT AND APPURTENANCES SHALL BE PROPERLY GROUNDED IN STRICT CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE, EVEN THOUGH EVERY DETAIL OF REQUIREMENTS IS NOT SPECIFIED OR SHOWN.
5. CONTRACTOR IS RESPONSIBLE TO CONTACT LOCAL UTILITY COMPANY AND COORDINATE HIS WORK TO ESTABLISH POWER SERVICE.
 -CONTACT NAME: MS. BARBARA BELL
 -EMAIL: BBELL@RMJ.NET
 -PHONE: 815 516 2086
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATION OF ALL LIGHT POLES AND THE LIGHTING CONTROLLERS FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER.

SHEET SPECIFIC NOTES FOR EL-006

1. CONTRACTOR SHALL INSTALL WEATHER HEAD BELOW AERIAL LINE.
2. BRANCH CIRCUIT FOR LIGHTING SHALL BE INSTALLED AERIALY ONLY.
3. TOTAL NUMBER OF BRANCH CIRCUIT BREAKES, ITEM NO. 5, SHALL BE 7 (5 CIRCUITS, + 2 SPARES).

SYMBOL LEGEND:

-  LIGHTING CONTROLLER DESIGNATION
-  CIRCUIT IDENTIFICATION
-  POLE NUMBER ON GIVEN CIRCUIT
-  IDOT POLE DESIGNATION
-  GROUND MOUNTED WOOD POLE 60 FT, CLASS 4 WITH 15 FT MAST ARM, 50' M.H. LED LUMINAIRE, 400WATTS HPS EQUIVALENT, HORIZONTAL MOUNT, TILT IS 0 DEGREES UNLESS OTHERWISE NOTED ON THE PLANS. SEE TEMPORARY LIGHTING NOTE 8
-  TEMPORARY LIGHTING CONTROLLER, POLE MOUNTED.
-  AERIAL CABLE 4-1/C NO. 4 WITH MESSENGER WIRE
-  EOP
-  TEMPORARY WOOD POLE, 60FT., CLASS 4.

SUMMARY OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
TEMPORARY LIGHTING SYSTEM	L SUM	1

SHEET INDEX

DRAWING NO.	DESCRIPTION	SHEET NO.
1	INDEX OF DRAWINGS, KEY PLAN, SOQ, LEGEND, ABBREVIATIONS AND NOTES	EL-000
2	TEMPORARY LIGHTING STA. 1433+00 TO STA. 1447+00	EL-001
3	TEMPORARY LIGHTING STA. 1447+00 TO STA. 1461+00	EL-002
4	TEMPORARY LIGHTING STA. 1461+00 TO STA. 1475+00	EL-003
5	TEMPORARY LIGHTING STA. 1475+00 TO STA. 1489+00	EL-004
6	IDOT STANDARD BE-800	EL-005
7	IDOT STANDARD 825001-03	EL-006

TEMPORARY LIGHTING NOTES:

1. REFER TO TRAFFIC CONTROL AND PROTECTION STAGE I AND II PLANS. AS ALL WORK FOR WIDENING OF ROADWAY FROM STA. 824+00 TO STA. 873+00 SHALL BE DONE IN STAGE I. THEREFORE TEMPORARY LIGHTING IS REQUIRED AT OUTSIDE SHOULDER TO MAINTAIN TRAFFIC DURING CONSTRUCTION.
2. TEMPORARY LIGHT POLE SETBACK SHALL BE 30 FT FROM THE EOP.
3. TEMPORARY IDOT LIGHTING CONTROLLERS SHALL BE MAINTAINED DURING BRIDGE CONSTRUCTION.
4. TEMPORARY LIGHT POLES SHALL BE AS PER IDOT STANDARDS. LED LUMINAIRE, 400W HPS EQUIVALENT, 240V LUMINAIRE, WITH 15 FT MAST ARM. THE HEIGHT OF AERIAL CABLE SHALL BE 30'-0" MIN ABOVE PAVEMENT OR AS DIRECTED BY THE ENGINEER.
5. SPLICE AERIAL CABLE AT THE LIGHT POLE USING HEAT SHRINKABLE CAPS WITH THE FACTORY APPLIED WATERPROOF SEALANT OR AN APPROVED UL LISTED AERIAL TAP DEVICE. TEMPORARY LIGHTING SHALL BE OPERATED FROM TEMPORARY LIGHTING CONTROLLER CIRCUITS.

~~6. ALL SALVAGED MATERIALS SUCH AS TEMPORARY WOOD POLE, MAST ARM, LUMINAIRE SHALL BE DELIVERED TO IDOT YARD, AS DIRECTED BY ENGINEER.~~

7. TEMPORARY LIGHTING UNITS SHALL BE OPERATIONAL FOR MAINTENANCE OF TRAFFIC.
8. THIS CONTRACT INCLUDES PROPOSED ROADWAY LED LUMINAIRES. CONTRACTOR SHALL UTILIZE ONLY THE MANUFACTURES LISTED BELOW OR APPROVED EQUAL

IF THE CONTRACTOR ELECTS TO FURNISH GENRAL ELECTRIC LUMINAIRES, ALL LUMINAIRES LABELED TYPE 231 DISTRIBUTION
 FILE NAME: ERS2_23E1X40.ies

IF THE CONTRACTOR ELECTS TO FURNISH COOPER LIGHTING LUMINAIRES, ALL LUMINAIRES LABELED TYPE III DISTRIBUTION,
 FILE NAME: NVN-AF-04-LED-U-T3R-1200.ies

IF THE CONTRACTOR ELECTS TO FURNISH PHILIPS LUMINAIRES, ALL LUMINAIRES LABELED TYPE R2M DISTRIBUTION,
 FILE NAME: RFL-215W96LED4K-G2-R2M S.ies



Hamja S. Master EXPIRES 11/30/2019
 EL-000

	DELTA ENGINEERING GROUP, LLC 111 W JACKSON BLVD, SUITE 910 CHICAGO, IL 60604 T 312.377.7700, F 312.427.6145	USER NAME = \$USER\$ DESIGNED - AM DRAWN - KA CHECKED - HM DATE - 3/23/2018	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHEET INDEX, SUMMARY OF QUANTITIES, ELECTRICAL GENERAL AND TEMPORARY NOTES, AND SYMBOLS LEGENDS	F.A.I RTE. 39 SECTION (I41-1HB-2)BRR COUNTY OGLE TOTAL SHEETS 70 SHEET NO. 29 CONTRACT NO. 64M77 ILLINOIS FED. AID PROJECT
	SCALE: 1" = 1' SHEET 1 OF 7 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT	