



LEGEND

	PROPOSED TEMPORARY LIGHTING UNIT 87' MOUNTING HEIGHT ON 100' CLASS 2 WOOD POLE 15' MAST ARM, 750 WATT, 240 VOLT HIGH MAST LUMINAIRE WITH EXTERNAL PHOTOCELL ON POLE
	PROPOSED TEMPORARY LIGHTING UNIT 50' MOUNTING HEIGHT ON 60' CLASS 4 WOOD POLE 15' MAST ARM, 400 WATT, 240 VOLT LUMINAIRE, TYPE III WITH PHOTOCELL ON EACH LUMINAIRE
	AERIAL CABLE, 3-1/C NO. 4, ALUMINUM, WITH MESSENGER WIRE
	EXISTING AERIAL UTILITY LINES
	GROUND ROD, 5/8" DIAMETER x 10'
	ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL
	EXISTING UTILITY POLE
	INDICATES CIRCUIT AND POLE NUMBER
	EXISTING LIGHTING UNIT TO REMAIN
	EXISTING UTILITY POLE WITH COMED TRANSFORMERS

GENERAL NOTES:

1. THE MATERIALS AND INSTALLATION METHODS SHALL COMPLY WITH THE LATEST CODES, STANDARDS, AND ORDINANCES OF FEDERAL, STATE, AND LOCAL GOVERNING BODIES HAVING JURISDICTION. ALL WORK SHOWN ON THE PLANS AND DESCRIBED ELSEWHERE SHALL CONFORM TO THE LATEST NATIONAL ELECTRICAL CODE.
2. THE CONTRACTOR SHALL CONTACT COMED AS SOON AS POSSIBLE CONCERNING PENDING ELECTRICAL SERVICE INSTALLATION AND CONNECTION TO ENSURE AVAILABILITY OF ELECTRICAL POWER SUPPLY IN A TIMELY MANNER.
3. TEMPORARY LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE THE START OF ROADWAY CONSTRUCTION. TEMPORARY LIGHTING SHALL REMAIN IN OPERATION FOR BOTH STAGE I AND STAGE II.
4. OVERHEAD CABLES SHALL MAINTAIN CLEARANCE FROM GROUND IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE SECTION 225.18 AND FROM EXISTING OVERHEAD UTILITY ELECTRICAL LINES IN ACCORDANCE WITH COMED REQUIREMENTS.
5. ALL AREAS DISTURBED UNDER THIS CONTRACT SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE ENGINEER.
6. THE REMOVAL OF TEMPORARY LIGHTING UNITS SHALL INCLUDE ALL POLES, LUMINAIRES, MAST ARMS, MESSENGER WIRES, CABLES, GROUND RODS, AND SERVICE DISCONNECT EQUIPMENT. ALL EQUIPMENT SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. EXCEPTION: THE REMOVAL OF HIGH MAST LUMINAIRES SHOULD BE SALVAGED TO IDOT DISTRICT 1 FACILITY

Bill of Materials

Quantity	Unit	Item
2	EACH	ELECTRIC SERVICE INSTALLATION
1	L SUM	ELECTRIC UTILITY SERVICE CONNECTION
900	FOOT	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE
2	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT
2	EACH	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT. MAST ARM
2	EACH	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT (INSTALL ONLY)
2	EACH	LIGHT POLE, WOOD, 100 FOOT, CLASS 2, WITH 15FT MAST ARM
2	EACH	PHOTOCELL
4	EACH	REMOVAL OF TEMPORARY LIGHTING UNIT
3	CAL MO	MAINTENANCE OF LIGHTING SYSTEM
2	EACH	ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL
2	EACH	REMOVAL OF HIGH MAST LUMINAIRE, SALVAGE

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FILE NAME = TL-1 - IL 53.dgn PLOT DATE = 10/10/2012 PLOT SCALE = 60.000000' / 1in.	 SPAAN Tech, Inc. <small>311 South Wacker Drive, Suite 2400 Chicago, IL 60606 phone: 312.277.8800 fax: 312.277.8888 web: www.spaan-tech.com</small>	DESIGNED - YK DRAWN - TCM CHECKED - IB DATE - OCTOBER 2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY ROADWAY LIGHTING PLAN ILL RTE 53 OVER KANKAKEE RIVER	F.A.P. RTE. 846 SECTION K-29-A-BR-1 COUNTY WILL TOTAL SHEETS 55 SHEET NO. 27 CONTRACT NO. 60R63 <small>FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT</small>
SCALE: 1" = 30' SHEET NO. 1 OF 3 SHEETS STA. 110+00 TO STA. 128+00					TL-1	